

Junelight Smart Battery - App (Web v2.1.5)

Hinweis an die Vertriebspartner: Bitte dieses Dokument an Ihre Kunden weitergeben, um urheberrechtliche Lizenzverstöße zu vermeiden.

Informationen zu Fremdsoftware

Dieses Produkt, diese Lösung oder Service ("Produkt") enthält die nachfolgend aufgelisteten Fremdsoftwarekomponenten. Bei diesen handelt es sich entweder um Open Source Software, die unter einer von der Open Source Initiative (www.opensource.org) anerkannten Lizenz oder einer durch Siemens als vergleichbar definierten Lizenz ("OSS") lizenziert ist und/oder um kommerzielle Software bzw. Freeware. Hinsichtlich der OSS Komponenten gelten die einschlägigen OSS Lizenzbedingungen vorrangig vor allen anderen auf dieses Produkt anwendbaren Bedingungen. SIEMENS stellt Ihnen die OSS-Anteile dieses Produkts ohne zusätzliche Kosten zur Verfügung.

Soweit SIEMENS bestimmte Komponenten des Produkts mit OSS Komponenten gemäß der Definition der anwendbaren Lizenz kombiniert oder verlinkt hat, die unter der GNU LGPL Version 2 oder einer späteren Version lizenziert werden und soweit die entsprechende Objektdatei nicht unbeschränkt genutzt werden darf ("LGPL-lizenziertes Modul", wobei das LGPL-lizenzierte Modul und die Komponenten, mit welchen das LGPL-lizenzierte Modul verbunden ist, nachfolgend "verbundenes Produkt" genannt werden) und die entsprechenden LGPL Lizenzkriterien erfüllt sind, so dürfen Sie zusätzlich (i) das verbundene Produkt für eigene Verwendungszwecke bearbeiten und erhalten insbesondere das Recht, das verbundene Produkt zu bearbeiten, um es mit einer modifizierten Version des LGPL lizenzierten Moduls zu verlinken und (ii) das verbundene Produkt rückentwickeln, jedoch ausschließlich zum Zwecke der Fehlerkorrektur Ihrer Bearbeitungen. Das Recht zur Bearbeitung schließt nicht das Recht ein, diese zu distribuieren. Sie müssen sämtliche Informationen, die Sie aus dem Reverse Engineering des verbundenen Produktes gewinnen, vertraulich behandeln.

Bestimmte OSS Lizenzen verpflichten SIEMENS zur Herausgabe des Quellcodes, z.B. die GNU General Public License, die GNU Lesser General Public License sowie die Mozilla Public License. Soweit diese Lizenzen Anwendung finden und das Produkt nicht bereits mit dem notwendigen Quellcode ausgeliefert wurde, so kann eine Kopie des Quellcodes von jedermann während des in der anwendbaren OSS Lizenz angegebenen Zeitraums unter der folgenden Anschrift angefordert werden:

Siemens AG
Energy Management
Low Voltage & Products
Technical Support
Postfach 10 09 53
93009 Regensburg
Germany

www.siemens.com/lowvoltage/support-request

Betreff: Open Source Anfrage (bitte Produktname und Versionsstand angeben, soweit zutreffend)

SIEMENS kann für die Erfüllung der Anfrage eine Bearbeitungsgebühr von bis zu 5 EUR in Rechnung stellen.

Gewährleistung betreffend Verwendung der Open Source Software:

Die Gewährleistungspflichten von SIEMENS sind in dem jeweiligen Vertrag mit SIEMENS geregelt. Soweit Sie das Produkt oder die OSS Komponenten modifizieren oder in einer anderen als der von SIEMENS spezifizieren Weise verwenden, ist die Gewährleistung ausgeschlossen und eine technische Unterstützung erfolgt nicht. Die nachfolgenden Lizenzbedingungen können Haftungsbeschränkungen enthalten, die zwischen Ihnen und dem jeweiligen Lizenzgeber gelten. Klarstellend wird darauf hingewiesen, dass SIEMENS keine Gewährleistungsverpflichtungen im Namen von oder verpflichtend für einen Drittlizenzgeber abgibt.

In diesem Produkt enthaltene Open Source Software und/oder Drittsoftware :

Bitte beachten Sie die folgenden auf die Open Source Software und/oder andere Komponenten (oder Teile hiervon) anwendbaren Lizenzbedingungen und Urheberrechtsvermerke:

MIT License for axios 0.16.2

Copyright (c) 2014-present Matt Zabriskie

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for bugsnag-js 3.3.3

Copyright (c) 2017 Bugsnag, <https://bugsnag.com/>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for date-fns 2.0.0-alpha.8

License

date-fns is licensed under the MIT license (<http://kossnocorp.mit-license.org>).
Read more about MIT at TLDRLegal (<https://tldrlegal.com/license/mit-license>).

MIT License for graphql 14.0.2

Copyright (c) 2015-present, Facebook, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for lodash 4.17.4

The MIT License

Copyright JS Foundation and other contributors

Based on Underscore.js, copyright Jeremy Ashkenas, DocumentCloud and Investigative Reporters & Editors

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at <https://github.com/lodash/lodash>

The following license applies to all parts of this software except as documented below:

====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

Copyright and related rights for sample code are waived via CC0. Sample code is defined as all source code displayed within the prose of the documentation.

CC0: <http://creativecommons.org/publicdomain/zero/1.0/>

====

Files located in the node_modules and vendor directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

MIT License for moment 2.18.1

Copyright (c) JS Foundation and other contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vee-validate 2.0.9

The MIT License (MIT)

Copyright (c) Abdelrahman Awad

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vue-auth-cognito 0.1.5

MIT License

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vue-router 2.7.0

MIT License

Copyright (c) 2013-present Evan You

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vue-slider-component@2.3.5

The MIT License (MIT)

Copyright (c) 2016 NightCatSama.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vue2-highcharts 1.1.5

The MIT License (MIT)

Copyright (c) 2017-present superman66

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vue2-touch-events 0.2.1

MIT License

Copyright (c) 2017 Jerry Bendy

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vue 2.4.4

The MIT License (MIT)

Copyright (c) 2013-present, Yuxi (Evan) You

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for vuex 2.4.0

The MIT License (MIT)

Copyright (c) 2015-2016 Evan You

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License for webpack 2.7.0

Copyright JS Foundation and other contributors

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the 'Software'), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED 'AS IS', WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Siemens Junelight Smart Battery (V01.00), Cactus V01.00

Open Source Software

English / English

Note to Resellers: Please pass on this document to your customers to avoid license infringements.

Third-Party Software Information

This product, solution or service ("Product") contains third-party software components listed in this document. These components are Open Source Software licensed under a license approved by the Open Source Initiative (www.opensource.org) or similar licenses as determined by SIEMENS ("OSS") and/or commercial or freeware software components. With respect to the OSS components, the applicable OSS license conditions prevail over any other terms and conditions covering the Product. The OSS portions of this Product are provided royalty-free and can be used at no charge.

If SIEMENS has combined or linked certain components of the Product with/to OSS components licensed under the GNU LGPL version 2 or later as per the definition of the applicable license, and if use of the corresponding object file is not unrestricted ("LGPL Licensed Module", whereas the LGPL Licensed Module and the components that the LGPL Licensed Module is combined with or linked to is the "Combined Product"), the following additional rights apply, if the relevant LGPL license criteria are met: (i) you are entitled to modify the Combined Product for your own use, including but not limited to the right to modify the Combined Product to relink modified versions of the LGPL Licensed Module, and (ii) you may reverse-engineer the Combined Product, but only to debug your modifications. The modification right does not include the right to distribute such modifications and you shall maintain in confidence any information resulting from such reverse-engineering of a Combined Product.

Certain OSS licenses require SIEMENS to make source code available, for example, the GNU General Public License, the GNU Lesser General Public License and the Mozilla Public License. If such licenses are applicable and this Product is not shipped with the required source code, a copy of this source code can be obtained by anyone in receipt of this information during the period required by the applicable OSS licenses by contacting the following address.

SIEMENS may charge a handling fee of up to 5 Euro to fulfil the request.

Warranty regarding further use of the Open Source Software

SIEMENS' warranty obligations are set forth in your agreement with SIEMENS. SIEMENS does not provide any warranty or technical support for this Product or any OSS components contained in it if they are modified or used in any manner not specified by SIEMENS. The license conditions listed below may contain disclaimers that apply between you and the respective licensor. For the avoidance of doubt, SIEMENS does not make any warranty commitment on behalf of or binding upon any third party licensor.

German / Deutsch

Hinweis an die Vertriebspartner: Bitte geben Sie dieses Dokument an Ihre Kunden weiter, um urheberrechtliche Lizenzverstöße zu vermeiden.
Informationen zu Fremdsoftware

Dieses Produkt, diese Lösung oder dieser Service ("Produkt") enthält die nachfolgend aufgelisteten Fremdsoftwarekomponenten. Bei diesen handelt es sich entweder um Open Source Software, die unter einer von der Open Source Initiative (www.opensource.org) anerkannten Lizenz oder einer durch Siemens als vergleichbar definierten Lizenz ("OSS") lizenziert ist und/oder um kommerzielle Software oder Freeware. Hinsichtlich der OSS Komponenten gelten die einschlägigen OSS Lizenzbedingungen vorrangig vor allen anderen auf dieses Produkt anwendbaren Bedingungen. SIEMENS stellt Ihnen die OSS-Anteile dieses Produkts ohne zusätzliche Kosten zur Verfügung.

Soweit SIEMENS bestimmte Komponenten des Produkts mit OSS Komponenten gemäß der Definition der anwendbaren Lizenz kombiniert oder verlinkt hat, die unter der GNU LGPL Version 2 oder einer späteren Version lizenziert werden und soweit die entsprechende Objektdatei nicht unbeschränkt genutzt werden darf ("LGPL-lizenziertes Modul", wobei das LGPL-lizenzierte Modul und die Komponenten, mit welchen das LGPL-lizenzierte Modul verbunden ist, nachfolgend "verbundenes Produkt" genannt werden) und die entsprechenden LGPL Lizenzkriterien erfüllt sind, dürfen Sie zusätzlich (i) das verbundene Produkt für eigene Verwendungszwecke bearbeiten und erhalten insbesondere das Recht, das verbundene Produkt zu bearbeiten, um es mit einer modifizierten Version des LGPL lizenzierten Moduls zu verlinken und (ii) das verbundene Produkt rückentwickeln, jedoch ausschließlich zum Zwecke der Fehlerkorrektur Ihrer Bearbeitungen. Das Recht zur Bearbeitung schließt nicht das Recht ein, diese zu distribuieren. Sie müssen sämtliche Informationen, die Sie aus dem Reverse Engineering des verbundenen Produktes gewinnen, vertraulich behandeln.

Bestimmte OSS Lizenzen verpflichten SIEMENS zur Herausgabe des Quellcodes, z.B. die GNU General Public License, die GNU Lesser General Public License sowie die Mozilla Public License. Soweit diese Lizenzen Anwendung finden und das Produkt nicht bereits mit dem notwendigen Quellcode ausgeliefert wurde, so kann eine Kopie des Quellcodes von jedermann während des in der anwendbaren OSS Lizenz angegebenen Zeitraums unter der folgenden Anschrift angefordert werden.

SIEMENS kann für die Erfüllung der Anfrage eine Bearbeitungsgebühr von bis zu 5 Euro in Rechnung stellen.
Gewährleistung betreffend Verwendung der Open Source Software

Die Gewährleistungspflichten von SIEMENS sind in dem jeweiligen Vertrag mit SIEMENS geregelt. Soweit Sie das Produkt oder die OSS Komponenten modifizieren oder in einer anderen als der von SIEMENS spezifizierten Weise verwenden, ist die Gewährleistung ausgeschlossen und eine technische Unterstützung erfolgt nicht. Die nachfolgenden Lizenzbedingungen können Haftungsbeschränkungen enthalten, die zwischen Ihnen und dem jeweiligen Lizenzgeber gelten. Klarstellend wird darauf hingewiesen, dass SIEMENS keine Gewährleistungsverpflichtungen im Namen von oder verpflichtend für einen Drittlizenzgeber abgibt.

Chinese / 中文

经销商须知： 请将本文件转发给您的客户， 以避免构成对许可证的侵权。
第三方软件信息

本产品、解决方案或服务（统称“本产品”）中包含本文件列出的第三方软件组件。这些组件是开放源代码促进会 (www.opensource.org) 批准的许可证或西门子确定的类似许可证所许可的开放源代码软件（简称“OSS”）和/或商业或免费软件组件。针对 OSS 组件，适用的 OSS 许可证条件优先于涵盖本产品的任何其他条款和条件。本产品的 OSS 部分免许可费，可以免费使用。

如果西门子已经按照所适用的许可证的定义，根据第 2 版或之后版本的 GNU LGPL 将本产品的某些组件与获得许可证的 OSS 组件相组合或关联，并且如果使用相应的目标文件并非不受限制（“LGPL 许可模块”， LGPL 许可模块以及与 LGPL 许可模块相组合或关联的组件统称为“组合产品”），则在符合以下相关 LGPL 许可标准的前提下，以下附加权利予以适用： (i) 您有权修改组合产品供自己使用，包括但不限于修改组合产品以重新连接 LGPL 许可模块修改版本的权利，并且 (ii) 您可以对组合产品进行逆向工程（但仅限于调试您的修改）。修改权不包括散布此类修改的权利，您应对此类组合产品逆向工程所获得的任何信息予以保密。

某些 OSS 许可证需要西门子提供源代码，例如 GNU 通用公共许可证、GNU 宽通用公共许可证和 Mozilla 公共许可证。如果适用此类许可证并且本产品发货时未随附所需的源代码，收到本信息的任何人可以在所适用的 OSS 许可证要求的期限内通过以下地址联系获取这些源代码的副本。

西门子可收取最多 5 欧元的手续费以完成该请求。
关于进一步使用开放源代码软件的保修

您与西门子的协议中规定了西门子的保修义务。如果以西门子未指明的任何方式修改或使用本产品或其中包含的任何 OSS 组件，西门子不为其提供任何保修或技术支持服务。下面列出的许可证条件可能包含适用于您和相应许可人之间的免责声明。为了避免产生疑问，西门子不代表或约束任何第三方许可人作出任何保修承诺。

Spanish / Español

Indicación para los distribuidores: Sírvase entregar este documento a sus clientes para prevenir infracciones de licencia sobre los aspectos de los derechos de autor.

Información sobre software de terceros

Este producto, solución o servicio ("producto") contiene los siguientes componentes de software de terceros listados a continuación. Se trata de Open Source Software cuya licencia ha sido otorgada por la Open Source Initiative (www.opensource.org) o que corresponde a una licencia definida por Siemens como comparable ("OSS") y/o de software o freeware comercial. En relación a los componentes OSS prevalecen las condiciones de concesión de licencia OSS pertinentes por sobre todas las demás condiciones aplicables para este producto. SIEMENS le entrega estas partes OSS del producto sin coste adicional.

En la medida en que SIEMENS haya combinado o enlazado determinados componentes del producto con componentes OSS según la definición de la licencia aplicable, cuya licencia está sujeta a la GNU LGPL versión 2 o una versión posterior y que no se puede utilizar sin restricciones ("módulo con licencia LGPL", denominándose a continuación el módulo de licencia LGPL y los componentes combinados con el módulo de licencia LGPL, como "producto integrado") y que se hayan cumplido los criterios de licencia LGPL correspondientes, usted está autorizado para adicionalmente (i) procesar el

producto conectado para sus propios fines de uso y obtener particularmente el derecho a procesar el producto conectado para enlazarlo con una versión modificada del módulo de licencia LGPL y (ii) realizar ingeniería inversa para el producto conectado, pero exclusivamente para fines de corrección de errores de sus procesamientos. El derecho al procesamiento no incluye el derecho a su distribución. Está obligado a tratar de manera confidencial toda la información que obtiene en el marco de la ingeniería inversa del producto conectado.

Determinadas licencias OSS obligan a Siemens a la publicación del código fuente, p. ej. la GNU General Public License, la GNU Lesser General Public License así como la Mozilla Public License. En la medida que se apliquen estas licencias y que el producto no se haya suministrado con el código fuente necesario, puede solicitarse una copia del código fuente por parte de cualquier persona durante el período indicado en la licencia OSS, mediante envío de la solicitud correspondiente a la siguiente dirección.

SIEMENS puede facturar una tasa de servicio de hasta 5 Euros para la tramitación de la consulta.
Garantía en relación al uso del Open Source Software

Las obligaciones de Siemens relacionadas a la garantía del Software, están especificados en el contrato correspondiente con SIEMENS. En caso de modificar el producto o los componentes OSS o usarse de una manera que difiera del modo especificado por SIEMENS, dejará de tener vigencia la garantía y no habrá derecho al soporte técnico asociado a ella. Las siguientes condiciones de concesión de licencia pueden contener limitaciones de responsabilidad que rigen entre su parte y el licenciador correspondiente. Se aclara que SIEMENS no asume obligaciones de garantía en nombre de o en forma vinculante para licenciadores de terceros.

French / Français

Note pour les partenaires de distribution: veuillez transmettre ce document à vos clients pour éviter toutes infractions aux dispositions en matière de droits d'auteur.

Informations sur des logiciels de tiers

Le présent produit, solution ou service (« Produit ») contient des éléments de logiciels indiqués ci-après, appartenant à des tiers. Ces logiciels sont des Open Source Software dont l'utilisation est accordée en vertu d'une licence reconnue par la Open Service Initiative (www.opensource.org), ou d'une licence équivalente définie comme telle par Siemens ("OSS"), et/ou en vertu d'un logiciel commercial ou un freeware. En ce qui concerne les composants OSS, les conditions de licence OSS pertinentes priment sur toutes les autres conditions éventuellement applicables au Produit. SIEMENS met à votre disposition gratuitement et sans frais supplémentaires les parties OSS du Produit.

Si SIEMENS a combiné ou relié certains composants du Produit avec des éléments OSS dont l'utilisation est accordée en vertu de la licence GNU LGPL version 2 ou d'une version postérieure, conformément à la licence applicable, et si l'utilisation du fichier objet correspondant est soumise à des restrictions (« Module Sous Licence LGPL », le module sous licence LGPL et les composants avec lesquels ce module est lié, sont dénommés ci-après "Produit Lié"), si les critères de licence LGPL applicables sont respectés, vous avez également les droits suivants : (i) droit de modifier le Produit Lié pour votre propre usage, inclus notamment le droit de modifier le Produit Lié afin de le relier différentes versions modifiées du Module Sous Licence LGPL et (ii) droit de faire de la retro-ingénierie sur le Produit Lié, mais exclusivement afin de corriger les éventuels dysfonctionnements des modifications que vous y avez apportées. Le droit de modifier n'inclut pas le droit de distribuer ces modifications et toutes les informations que vous avez obtenues à l'occasion d'opérations de retro-ingénierie du Produit Lié seront strictement confidentielles.

Certaines licences OSS, comme par exemple la GNU General Public License, la GNU Lesser General Public License, ainsi que la Mozilla Public License, obligent SIEMENS à divulguer le code source. Si ces licences sont applicables et si le Produit n'a pas été préalablement livré avec le code source nécessaire, une copie du code source peut être demandée pendant la durée de la licence OSS applicable, en s'adressant à l'adresse suivante.

SIEMENS peut facturer des frais de traitement allant jusqu'à 5 Euro pour répondre à cette demande.

Garantie relative à l'utilisation du logiciel Open Source

Les obligations de garantie de SIEMENS sont définies dans votre contrat. Si vous modifiez le Produit ou les éléments OSS y contenus ou si vous les utilisez d'une manière autre que celle spécifiée par SIEMENS, vous perdez le bénéfice de la garantie et aucune assistance technique ne vous sera fournie. Les conditions de licence ci-après peuvent contenir des limitations de responsabilités applicables entre vous et le concédant. En tout état de cause, nous vous signalons que SIEMENS ne prend aucun engagement de garantie au nom et pour le compte de tiers concédants.

Italian / Italiano

IMPORTANTE per i partner commerciali: si prega di inoltrare il presente documento ai clienti per evitare violazioni delle condizioni di licenza.

Informazioni relative al software di altri produttori

Il presente prodotto, soluzione o servizio ("Prodotto") contengono componenti software di altri produttori elencati qui di seguito. Questi software di altri produttori possono essere Open Source Software (OSS), concessi in licenza con una licenza riconosciuta dall'Open Source Initiative (www.opensource.org) o ritenuta equivalente da Siemens ("OSS"), e/o software o freeware commerciali. Per quanto riguarda i componenti dell'OSS, le relative condizioni di licenza pertinenti prevalgono rispetto a tutte le altre condizioni applicabili al presente Prodotto. SIEMENS mette a disposizione i componenti dell'OSS contenuti nel presente Prodotto senza costi aggiuntivi.

Se SIEMENS ha combinato o linkato determinati componenti del Prodotto con prodotti dell'OSS secondo la definizione indicata nella licenza applicabile e concessa ai sensi della licenza GNU LGPL Version 2 o successiva, se il relativo file di oggetto non può essere utilizzato in maniera illimitata ("modulo concesso con licenza LGPL", vale a dire il modulo con licenza LGPL e i componenti a cui detto modello è collegato, denominati qui di seguito "Prodotto Collegato") e, infine, se i relativi criteri di licenza LGPL sono stati soddisfatti, sarà possibile inoltre (i) modificare il Prodotto Collegato per propri scopi di impiego, in particolare elaborare il Prodotto Collegato per linkarlo ad una versione modificata del modulo con licenza LGPL, e (ii) effettuare il reverse engineering del Prodotto Collegato, esclusivamente a fini di correzione degli errori di elaborazione. Il diritto di elaborazione non include il diritto di distribuire tali modifiche. Inoltre, tutte le informazioni ottenute con il reverse engineering del Prodotto Collegato devono essere trattate come riservate.

Determinate licenze OSS obbligano SIEMENS a pubblicare il codice sorgente, ad es. la GNU General Public License, la GNU Lesser General Public License e la Mozilla Public License. Se queste licenze sono applicabili, e il presente Prodotto non è stato già fornito con il necessario codice sorgente, è possibile richiedere una copia di detto codice nel periodo di validità indicato nella licenza OSS applicabile al seguente indirizzo.

Per l'evasione della richiesta, SIEMENS potrà addebitare fino a 5 Euro.
Garanzia di utilizzo dell'Open Source Software

Le obbligazioni di garanzia di SIEMENS sono disciplinate dal vostro contratto sottoscritto con SIEMENS. Se si modifica il Prodotto o i componenti dell'OSS, oppure li si utilizza in un modo diverso da quello specificato da SIEMENS, la garanzia e il supporto tecnico decadono. Le seguenti condizioni di licenza possono contenere limitazioni di responsabilità valevoli nel rapporto tra l'utente e il licenziante. Per maggiore chiarezza, si ribadisce che SIEMENS non concede alcuna garanzia a nome di, o vincolante per, qualsiasi terza parte licenziante.

Japanese / 日本語

再販業者への注意事項: ライセンス違反を防ぐため、本書を顧客の皆様様に配布してください。
他社製ソフトウェアの使用に関する情報

本製品、ソリューション、またはサービス（以下「本製品」）には、本書に記載の他社製ソフトウェアのコンポーネントが含まれています。該当するコンポーネントとは、Open Source Initiative (www.opensource.org) によって認可されたライセンスのもとで使用許諾を得たオープンソースソフトウェア、または SIEMENS によって決定された同様のライセンス（以下「OSS」）、および/または商用もしくはフリーウェアのソフトウェアコンポーネントを指します。本製品を対象とするその他いかなる契約条件に対しても、OSS のコンポーネントに関しては、適用される OSS ライセンス条件が優先するものとします。本製品の OSS の部分に関しては、著作権使用料無料で提供され、無料で使用することができます。

SIEMENS が、本製品の特定のコンポーネントと適用されるライセンスの定義の通りに GNU LGPL のバージョン 2 以降のもとで使用許諾を得た OSS コンポーネントを組み合わせるか、関連付け、なおかつ付随するオブジェクト・ファイルの使用が制限されていない場合（以下「LGPL 使用許諾モジュール」、それに対し、LGPL 使用許諾モジュールが組み合わされているか、関連付けられている LGPL 使用許諾済みモジュールとコンポーネントを「組み合わせ製品」という）、関連する LGPL 使用許諾の基準を満たしていれば、次の追加の権利が適用されます。(i) 個人的な使用のために組み合わせ製品を変更することができる (LGPL 使用許諾モジュールの変更したバージョンを再度関連付けるために組み合わせ製品を変更する権利を含むが、それに限定されるものではない)、および (ii) 組み合わせ製品にリバースエンジニアリングを行うことができる (ただし変更のデバッグのみ)。変更に関する権利には、該当する変更を配布する権利は含まれていません。また契約者の方は、このような組み合わせ製品のリバースエンジニアリングから生じるいかなる情報に関しても極秘として維持するものとします。

例えば、GNU General Public License (GNU 一般公衆利用許諾書)、GNU Lesser General Public License (GNU 劣等一般公衆利用許諾書)、Mozilla Public License 等の特定の OSS ライセンスでは、SIEMENS がソースコードを利用できるようにする必要があります。該当するライセンスが適用可能であり、本製品が必要とされるソースコードとともに出荷されなかった場合、この情報を受け取った人物が適用される OSS ライセンスによって義務付けられている期間中に以下の住所まで連絡することで、このソースコードのコピーを入手することができます。

リクエストを実行するために SIEMENS では、最高 5 ユーロの手数料を請求する場合があります。
オープンソースソフトウェアのさらなる使用に関する保証

SIEMENS の保証義務は、契約者と SIEMENS との契約書に記載されています。本製品を SIEMENS が指定した以外の方法で変更したり、使用したりした場合、SIEMENS では本製品、またはいかなる OSS コンポーネントに対しても保証やテクニカルサポートを提供いたしません。以下に記載のライセンス条件には、契約者と個別のライセンサーとの間で適用される免責事項が含まれる場合があります。誤解を避けるため、SIEMENS では他社のライセンサーを代表、または他社を拘束するいかなる保証義務も負いません。

Russian / Русский

Информация для партнёров по сбыту: просим передать этот документ вашим клиентам во избежание нарушений лицензионных прав.
Информация о программном обеспечении сторонних разработчиков

Настоящий продукт, настоящее решение или сервис ("Продукт") включает в себя программные компоненты сторонних разработчиков, перечисленные ниже. Это компоненты программного обеспечения с открытым кодом, имеющие лицензию, признанную организацией Open Source Initiative (www.opensource.org), либо иную лицензию согласно определению компании SIEMENS ("OSS"), и / или компоненты коммерческого либо свободно распространяемого программного обеспечения. В отношении компонентов OSS соответствующие условия лицензии OSS имеют приоритет перед всеми прочими положениями, применимыми к данному Продукту. SIEMENS предоставляет вам долевые права на OSS в отношении данного Продукта на безвозмездной основе.

Если SIEMENS комбинирует или связывает определённые компоненты Продукта с компонентами OSS в соответствии с определением применимой лицензии, лицензированными по версии 2 или более поздней GNU LGPL, и если неограниченное использование соответствующего объектного файла не разрешено ("Модуль по лицензии LGPL", причём Модуль по лицензии LGPL и компоненты, с которыми скомбинирован или связан Модуль по лицензии LGPL, далее именуются "Комбинированный продукт") и выполнены соответствующие критерии лицензии LGPL, вам разрешается дополнительно (i) обрабатывать Комбинированный продукт в собственных целях и, в частности, но не ограничиваясь, обрабатывать Комбинированный продукт таким образом, чтобы связать его с модифицированной версией Модуля по лицензии LGPL, а также (ii) проводить обратную разработку Комбинированного продукта, но только в целях исправления ошибок вашей обработки. Право на обработку не включает в себя право на дистрибуцию. Вы обязаны сохранять конфиденциальность в отношении всей информации, полученной вами в ходе обратной разработки Комбинированного продукта.

Определённые лицензии OSS обязывают SIEMENS раскрывать исходный код, например, GNU General Public License, GNU Lesser General Public License и Mozilla Public License. Если указанные лицензии применимы и Продукт поставлен без необходимого исходного кода, копия исходного кода может быть запрошена владельцем настоящей информации в течение времени, указанного в применимой лицензии OSS, по следующему

адресу.

За выполнение запроса SIEMENS может взимать сбор в размере до 5 евро.

Гарантия в отношении дальнейшего применения программного обеспечения с открытым кодом

Гарантийные обязательства SIEMENS регулируются соответствующим договором с компанией SIEMENS. Если вы модифицируете Продукт или компоненты OSS либо используете их иным образом, чем указано компанией SIEMENS, гарантия аннулируется, техническая поддержка не предоставляется. Приведённые ниже лицензионные условия могут включать в себя положения об ограничении ответственности, действующие в отношениях между вами и соответствующим лицензиаром. Во избежание сомнений подчёркиваем, что SIEMENS не даёт гарантии от имени сторонних лицензиаров и гарантии, налагающей обязательства на сторонних лицензиаров.

Open Source Software and/or other third-party software contained in this Product

If you like to receive a copy of the source code, please contact SIEMENS at the following address:

Siemens AG
Energy Management
Low Voltage & Products
Technical Support
Postfach 10 09 53
93009 Regensburg
Germany

www.siemens.com/lowvoltage/support-request

Keyword: Open Source Request (please specify Product name and version, if applicable)

SIEMENS may charge a handling fee of up to 5 EUR to fulfill the request.

Warranty regarding further use of the Open Source Software:

SIEMENS' warranty obligations are set forth in your agreement with SIEMENS. SIEMENS does not provide any warranty or technical support for this Product or any OSS components contained in it if they are modified or used in any manner not specified by SIEMENS. The license conditions listed below may contain disclaimers that apply between you and the respective licensor. For the avoidance of doubt, SIEMENS does not make any warranty commitment on behalf of or binding upon any third party licensor.

Releases

- [aws-iot-device-sdk-embedded-C 2.2.1](#)
- [bblanchon ArduinoJson 5.6.7](#)
- [Boost C++ 1.64.0](#)
- [coryjfowler MCP_CAN lib 1.5](#)
- [esp32-wifi-lib 3.0](#)
- [Espressif arduino-esp32 2017-08-25](#)
- [Espressif esp-idf 3.1](#)
- [Espressif esp32-bt-lib 3.0](#)
- [fntlib 0f98773164415ef70eef35daedab115935692524](#)
- [paho.mqtt.embedded-c 1.0.0](#)
- [span-lite 0.3.0](#)

Please note the following license conditions and copyright notices applicable to Open Source Software and/or other components (or parts thereof):

aws-iot-device-sdk-embedded-C 2.2.1

Copyright 2015-2016 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright (C) 1998 - 2011, Daniel Stenberg, <daniel@haxx.se>, et al.
Copyright (c) 2010 Serge A. Zaitsev
Copyright (c) 2014 IBM Corp.
Copyright (C) 2012, iSEC Partners.
Copyright 2010-2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.

Acknowledgements:

AWS C SDK for Internet of Things Service
Copyright 2010-2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.

This product includes software developed by
Amazon Inc (<http://www.amazon.com/>).

To the extent files may be licensed under EPL-1.0 or EDL-1.0, in this context EDL-1.0 has been chosen. This shall not restrict

Licenses:

- [Apache-2.0 \(9\)](#)
- [EDL-1.0 \(64\)](#)
- [EPL-1.0 \(66\)](#)
- [MIT \(88\)](#)

bblanchon ArduinoJson 5.6.7

Licenses:

[MIT\(87\)](#)

Boost C++ 1.64.0

- (c) 1997–2000 Metrowerks Corp.
- (c) 1999–2000 by Hewlett-Packard Company.
- (c) 2001
- (c) 2001, 2002 Peter Dimov and Multi Media Ltd.
- (c) 2003 Martin Wille
- (c) 2003–2005 Peter Dimov
- (c) 2003–2008 Peter Dimov
- (c) 2005, 2014 jQuery Foundation, Inc. jquery.org/license
- (c) 2006 Douglas Gregor <doug.gregor@gmail.com>
- (c) 2007 Microsoft Corporation.
- (c) 2008 Gordon Woodhull
- (c) 2008–2016 Emil Dotchevski and Reverge Studios, Inc.
- (c) 2009–2012 Jeremy Ashkenas, DocumentCloud Inc.
- (c) 2009–2014 Torstein Honsi
- (c) 2010–2014 Torstein Honsi
- (c) 2012,2014 Advanced Micro Devices, Inc.
- (c) 2012–2014 Torstein Honsi
- (c) 2013–2015 Louis Dionne
- (c) 2014 Andrey Semashev
- (c) 2014 Antony Polukhin
- (c) 2014 Glen Fernandes
- (c) 2014 Peter Dimov
- (c) 2014–2015 Antony Polukhin
- (c) 2016 Andrey Semashev
- (c) 2016 Klemens D. Morgenstern
- (c) ACM, 2011. <a href <http://doi.acm.org/10.1145/1916461.1916469> target _top'><http://doi.acm.org/10.1145/1916461.1916469> <a
- (c) ACM, 2011. <li class listitem'>
- (c) ACM, 2011. <http://doi.acm.org/10.1145/1916461.1916469>
- (c) ACM, 2011. <http://doi.acm.org/10.1145/1916461.1916469> e_float but is now re-factored
- (c) ACM, 2011. <http://doi.acm.org/10.1145/1916461.1916469> https://svn.boost.org/svn/boost/sandbox/e_float/ e_float but is now
- (c) Copyright 20012 Vicente J. Botet Escriba.
- (c) Copyright 2002 Martin Ecker. Use
- (c) Copyright 2002 Rani Sharoni (rani_sharoni@hotmail.com) and Robert Ramey Use
- (c) Copyright 2002 Robert Ramey
- (c) Copyright 2002 Vahan Margaryan. Use
- (c) Copyright 2002, 2003 Beman Dawes
- (c) Copyright 2002–10 Robert Ramey
- (c) Copyright 2002–14 Robert Ramey
- (c) Copyright 2002–2008 Robert Ramey and Joaquin M Lopez Munoz Use
- (c) Copyright 2002–2008, Fernando Luis Cacciola Carballal.
- (c) Copyright 2002–2009 Robert Ramey
- (c) Copyright 2002–2009 Vladimir Prus and Robert Ramey. Use
- (c) Copyright 2002–2009 Vladimir Prus, Robert Ramey and Takatoshi Kondo. Use
- (c) Copyright 2002–2014 Robert Ramey
- (c) Copyright 2002–4 Pavel Vozenilek
- (c) Copyright 2002–4 Robert Ramey
- (c) Copyright 2002–7 Robert Ramey
- (c) Copyright 2003 The Trustees of Indiana University. Use
- (c) Copyright 2003, Fernando Luis Cacciola Carballal.
- (c) Copyright 2003–2006 Joaquín
- (c) Copyright 2003–2007 Joaquín
- (c) Copyright 2003–2007 Jonathan Turkanis
- (c) Copyright 2003–2008 Joaquín
- (c) Copyright 2003–2009 Joaquín
- (c) Copyright 2003–2013 Joaquín
- (c) Copyright 2003–2014 Joaquín
- (c) Copyright 2003–2015 Joaquín
- (c) Copyright 2003–2017 Joaquín
- (c) Copyright 2003–4 Pavel Vozenilek and Robert Ramey
- (c) Copyright 2004 Douglas Gregor and Jeremy Siek
- (c) Copyright 2004 Eric Niebler
- (c) Copyright 2004 Pavel Vozenilek Use
- (c) Copyright 2004 Pavel Vozenilek. Use
- (c) Copyright 2004 Robert Ramey
- (c) Copyright 2004 Robert Ramey and Martin Ecker Use
- (c) Copyright 2004–2007 Jonathan Turkanis
- (c) Copyright 2004–2009 Robert Ramey, Martin Ecker and Takatoshi Kondo Use
- (c) Copyright 2005 Daniel Egloff, Eric Niebler Use
- (c) Copyright 2005 Douglas Gregor
- (c) Copyright 2005 Eric Niebler
- (c) Copyright 2005 John Maddock
- (c) Copyright 2005 Matthias Troyer
- (c) Copyright 2005 Matthias Troyer Use
- (c) Copyright 2005 Matthias Troyer and Dave Abrahams Use
- (c) Copyright 2005 Robert Ramey
- (c) Copyright 2005 The Trustees of Indiana University.
- (c) Copyright 2005, 2006 Trustees of Indiana University
- (c) Copyright 2005–2006 Matthias Troyer Use
- (c) Copyright 2005–2007 Jonathan Turkanis
- (c) Copyright 2005–2007 Matthias Troyer

(c) Copyright 2005-7 Anthony Williams
(c) Copyright 2005-8 Anthony Williams
(c) Copyright 2006 Boris Gubenko. HP-UX
(c) Copyright 2006 David Abrahams
(c) Copyright 2006 Douglas Gregor
(c) Copyright 2006 Douglas Gregor Andreas Kloeckner
(c) Copyright 2006 Eric Niebler, Olivier Gygi Use
(c) Copyright 2006 Eric Niebler, Olivier Gygi. Use
(c) Copyright 2006-2008 Joaquií n
(c) Copyright 2006-2010 Joaquií n
(c) Copyright 2006-2014 Joaquií n
(c) Copyright 2006-2015 Joaquií n
(c) Copyright 2006-7 Anthony Williams
(c) Copyright 2006-8 Anthony Williams
(c) Copyright 2007 Andreas Kloeckner
(c) Copyright 2007 Andrew Sutton
(c) Copyright 2007 Anthony Williams
(c) Copyright 2007 Anthony Williams Use
(c) Copyright 2007 Anthony Williams.
(c) Copyright 2007 David Deakins
(c) Copyright 2007 David Deakins Use
(c) Copyright 2007 Douglas Gregor Andreas Kloeckner
(c) Copyright 2007 Jonathan Turkanis
(c) Copyright 2007 Matthias Troyer
(c) Copyright 2007 Matthias Troyer. Use
(c) Copyright 2007 Robert Ramey
(c) Copyright 2007 Roland Schwarz
(c) Copyright 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker
(c) Copyright 2007-10 Anthony Williams
(c) Copyright 2007-11 Anthony Williams
(c) Copyright 2007-11 Anthony Williams.
(c) Copyright 2007-12 Anthony Williams.
(c) Copyright 2007-2009 Andrew Sutton
(c) Copyright 2007-2010 Anthony Williams
(c) Copyright 2007-8 Anthony Williams
(c) Copyright 2007-8 Anthony Williams.
(c) Copyright 2007-9 Anthony Williams
(c) Copyright 2008 <a href http://www.coderage.com/ target _top'>CodeRage, LLC
(c) Copyright 2008 Anthony Williams
(c) Copyright 2008 CodeRage, LLC
(c) Copyright 2008 Joachim Faulhaber
(c) Copyright 2008 Joaquin M Lopez Munoz. Use
(c) Copyright 2008 Matthias Troyer Use
(c) Copyright 2008 Oliver Kowalke
(c) Copyright 2008 Robert Ramey
(c) Copyright 2008 Robert Ramey Use
(c) Copyright 2008 a href http://www.coderage.com/ target
(c) Copyright 2008-10 Anthony Williams
(c) Copyright 2008-10 Anthony Williams 2015 Oliver Kowalke
(c) Copyright 2008-11 Anthony Williams
(c) Copyright 2008-11 Anthony Williams.
(c) Copyright 2008-2009,2012 Vicente J. Botet Escriba
(c) Copyright 2008-2011 Joachim Faulhaber
(c) Copyright 2008-2013 Vicente J. Botet Escriba
(c) Copyright 2008-9 Anthony Williams
(c) Copyright 2008-9 Anthony Williams.
(c) Copyright 2009 Andrew Sutton
(c) Copyright 2009 Anthony Williams
(c) Copyright 2009 Brian Ravnsgaard and Kenneth Riddile Use
(c) Copyright 2009 Dmitry Bufistov, Andrew Sutton
(c) Copyright 2009 Eric Bose-Wolf
(c) Copyright 2009 Eric Moyer
(c) Copyright 2009 Robert Ramey
(c) Copyright 2009 Robert Ramey Use
(c) Copyright 2009 Robert Ramey. Use
(c) Copyright 2009 Tim Blechmann
(c) Copyright 2009-2010 Andrew Sutton
(c) Copyright 2009-2010 Vicente J. Botet
(c) Copyright 2009-2011 Frederic Bron, Robert Stewart, Steven Watanabe & Roman Perepelitsa.
(c) Copyright 2009-2011 Frederic Bron.
(c) Copyright 2009-2011 Frederic Bron. Use
(c) Copyright 2009-2012 Anthony Williams
(c) Copyright 2009-2012 Artyom Beilis
(c) Copyright 2009-2012 Vicente J. Botet Escriba
(c) Copyright 2010 Bryce Lebach
(c) Copyright 2010 Daniel James
(c) Copyright 2010 Dean Michael Berris. <mikhailberis@gmail.com>
(c) Copyright 2010 Dean Michael Berris. Instead
(c) Copyright 2010 Joachim Faulhaber
(c) Copyright 2010 Just Software Solutions Ltd
(c) Copyright 2010 Robert Ramey
(c) Copyright 2010 Robert Ramey Use
(c) Copyright 2010 Tim Blechmann
(c) Copyright 2010 Vicente J. Botet Escriba Use
(c) Copyright 2010-2011 Vicente J. Botet Escriba Use
(c) Copyright 2011 Frederic Bron.
(c) Copyright 2011 Steven Watanabe
(c) Copyright 2011 Vicente J. Botet Escriba
(c) Copyright 2011 Vicente J. Botet Escriba Use
(c) Copyright 2011,2012,2015 Vicente J. Botet Escriba

(c) Copyright 2011-12 Vicente J. Botet Escriba
(c) Copyright 2011-12 Vicente J. Botet Escriba.
(c) Copyright 2011-16 Vicente J. Botet Escriba.
(c) Copyright 2011-2012 Vicente J. Botet Escriba
(c) Copyright 2011-2012 Vicente J. Botet Escriba.
(c) Copyright 2011-2012,2015 Vicente J. Botet Escriba
(c) Copyright 2011-2013 Andrew Hundt <ATHundt@gmail.com>
(c) Copyright 2011-2013 Vicente J. Botet Escriba
(c) Copyright 2011-2015 Vicente J. Botet Escriba
(c) Copyright 2011-2015 Vicente J. Botet Escriba.
(c) Copyright 2011 Vicente J. Botet Escriba Use
(c) Copyright 2012 Boris Schaeling
(c) Copyright 2012 Eric Niebler
(c) Copyright 2012 Howard Hinnant
(c) Copyright 2012 Vicente Botet
(c) Copyright 2012 Vicente J. Botet Escriba
(c) Copyright 2012 Vicente J. Botet Escriba Use
(c) Copyright 2012 Vicente J. Botet Escriba.
(c) Copyright 2012-2015 Vicente J. Botet Escriba.
(c) Copyright 2013 Andrey
(c) Copyright 2013 Andrey Semashev
(c) Copyright 2013 Louis Dionne
(c) Copyright 2013 Oliver Kowalke.
(c) Copyright 2013 Ruslan Baratov
(c) Copyright 2013 Tim Blechmann
(c) Copyright 2013 Vicente J. Botet Escriba
(c) Copyright 2013 Vicente J. Botet Escriba.
(c) Copyright 2013,2014 Vicente J. Botet Escriba
(c) Copyright 2013,2015 Vicente J. Botet Escriba
(c) Copyright 2013-2013 Ion Gaztanaga
(c) Copyright 2013-2015 Vicente J. Botet Escriba.
(c) Copyright 2014 Jim Bell Use
(c) Copyright 2014 Jorge Lodos
(c) Copyright 2014 Robert Ramey
(c) Copyright 2014 Vicente Botet
(c) Copyright 2014 Vicente J. Botet Escriba
(c) Copyright 2015 Boost.Test team.
(c) Copyright 2015 Boost.test team
(c) Copyright 2015 Kyle Lutz
(c) Copyright 2016 Ashish Sadanandan Use
(c) Copyright 2016 Raffi Enficiaud.
(c) Copyright 2017 Andrey Semashev
(c) Copyright Aaron W. LaFramboise, Roland Schwarz, Michael Glassford 2004.
(c) Copyright Agustin Berge 2014
(c) Copyright Aleksey Gurtovoy 2002 - 2003.
(c) Copyright Aleksey Gurtovoy 2002.
(c) Copyright Aleksey Gurtovoy 2003.
(c) Copyright Aleksey Gurtovoy 2004
(c) Copyright Aleksey Gurtovoy 2004.
(c) Copyright Alexander Nasonov, Lorenzo Caminiti, 2006-2012
(c) Copyright Alisdair Meredith 2006.
(c) Copyright Andreas Huber Doenni 2002-2005, Eric Niebler 2006
(c) Copyright Andrew Sutton 2007
(c) Copyright Andrew Sutton 2009
(c) Copyright Andrey Semashev 2013
(c) Copyright Andrey Semashev 2014
(c) Copyright Andrey Semashev, 2013
(c) Copyright Andrzej Krzemienski 2014
(c) Copyright Andrzej Krzemienski 2015.
(c) Copyright Andy Tompkins 2007.
(c) Copyright Andy Tompkins 2008.
(c) Copyright Andy Tompkins 2009.
(c) Copyright Andy Tompkins 2010.
(c) Copyright Andy Tompkins 2011.
(c) Copyright Andy Tompkins, 2006
(c) Copyright Antony Polukhin 2012-2014.
(c) Copyright Antony Polukhin 2012.
(c) Copyright Antony Polukhin 2013.
(c) Copyright Antony Polukhin 2014.
(c) Copyright Arjan Knepper 2006.
(c) Copyright Artyom Beilis 2010.
(c) Copyright Beman
(c) Copyright Beman Dawes 1995-2001.
(c) Copyright Beman Dawes 1999-2003.
(c) Copyright Beman Dawes 1999.
(c) Copyright Beman Dawes 2000-2004
(c) Copyright Beman Dawes 2000.
(c) Copyright Beman Dawes 2001 - 2003.
(c) Copyright Beman Dawes 2001.
(c) Copyright Beman Dawes 2002
(c) Copyright Beman Dawes 2002 - 2003.
(c) Copyright Beman Dawes 2002, 2006
(c) Copyright Beman Dawes 2002, 2006, 2011
(c) Copyright Beman Dawes 2002-2006
(c) Copyright Beman Dawes 2002.
(c) Copyright Beman Dawes 2003
(c) Copyright Beman Dawes 2003.
(c) Copyright Beman Dawes 2005
(c) Copyright Beman Dawes 2006, 2009
(c) Copyright Beman Dawes 2006, 2009, 2014

(c) Copyright Beman Dawes 2008
(c) Copyright Beman Dawes 2009
(c) Copyright Beman Dawes 2010
(c) Copyright Beman Dawes 2010, 2015
(c) Copyright Beman Dawes 2015
(c) Copyright Beman Dawes and Robert Stewart, 2011
(c) Copyright Beman Dawes and Ullrich Koethe 1995-2001.
(c) Copyright Beman Dawes, 1999
(c) Copyright Beman Dawes, 2001
(c) Copyright Beman Dawes, 2002
(c) Copyright Beman Dawes, 2002, 2003
(c) Copyright Beman Dawes, 2002, 2006, 2007, 2009, 2010
(c) Copyright Beman Dawes, 2002, 2006, 2007, 2009, 2010, 2011
(c) Copyright Beman Dawes, 2002-2005
(c) Copyright Beman Dawes, 2002-2005, 2010
(c) Copyright Beman Dawes, 2003
(c) Copyright Beman Dawes, 2003, 2011
(c) Copyright Beman Dawes, 2006
(c) Copyright Beman Dawes, 2006, 2007, 2008, 2013
(c) Copyright Beman Dawes, 2006-2009, 2013
(c) Copyright Beman Dawes, 2007
(c) Copyright Beman Dawes, 2008
(c) Copyright Beman Dawes, 2009
(c) Copyright Beman Dawes, 2010
(c) Copyright Beman Dawes, 2011
(c) Copyright Beman Dawes, 2011, 2013
(c) Copyright Beman Dawes, 2011, 2013, 2014
(c) Copyright Beman Dawes, 2012
(c) Copyright Beman Dawes, 2014
(c) Copyright Beman Dawes, 2015
(c) Copyright Beman Dawes, Dave Abrahams 1999.
(c) Copyright Bill Kempf 2001.
(c) Copyright Bill Kempf 2002.
(c) Copyright Boost.org 2001.
(c) Copyright Boris Gubenko 2006 - 2007.
(c) Copyright Boris Gubenko 2007.
(c) Copyright Boris Rasin 2014.
(c) Copyright Boris Rasin and Antony Polukhin 2014-2015.
(c) Copyright Bruno Lalande 2008.
(c) Copyright Bryce Leibach 2010
(c) Copyright Bryce Leibach 2010.
(c) Copyright Bryce Leibach 2011
(c) Copyright Christof Meerwald 2003.
(c) Copyright Christophe Henry, 2010
(c) Copyright Christopher Jefferson 2011.
(c) Copyright Craig Henderson 2002
(c) Copyright Craig Henderson 2002.
(c) Copyright Cray, Inc. 2013
(c) Copyright CrystalClear Software, 2003
(c) Copyright CrystalClear Software, Inc 2003-2006
(c) Copyright Daniel
(c) Copyright Daniel Frey 2002-2016.
(c) Copyright Daniel Frey and Robert Ramey 2009.
(c) Copyright Daniel James 2011.
(c) Copyright Daniel Wallin 2004.
(c) Copyright Darin Adler 2000
(c) Copyright Darin Adler 2001
(c) Copyright Darin Adler 2001 - 2002.
(c) Copyright Darin Adler 2001.
(c) Copyright Daryle Walker 2000-2001.
(c) Copyright Daryle Walker 2001, 2006.
(c) Copyright Daryle Walker 2001-2002.
(c) Copyright Daryle Walker 2001.
(c) Copyright Daryle Walker and Paul Moore 2001-2002.
(c) Copyright Daryle Walker and Stephen Cleary 2001-2002.
(c) Copyright Dave Abrahams 2003.
(c) Copyright Dave Abrahams and Daniel Walker 1999-2003.
(c) Copyright Dave Abrahams and Daryle Walker 2001.
(c) Copyright Dave Abrahams and Thomas Becker 2003.
(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.
(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2003.
(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000.
(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000, 2010.
(c) Copyright Dave Abrahams, Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock 2000.
(c) Copyright David Abrahams 1999.
(c) Copyright David Abrahams 2000.
(c) Copyright David Abrahams 2001 - 2002.
(c) Copyright David Abrahams 2001, Howard Hinnant 2001.
(c) Copyright David Abrahams 2001.
(c) Copyright David Abrahams 2002 - 2003.
(c) Copyright David Abrahams 2002.
(c) Copyright David Abrahams 2003.
(c) Copyright David Abrahams 2004.
(c) Copyright David Abrahams Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2002.
(c) Copyright David Abrahams and Jeremy Siek 2000.
(c) Copyright David Abrahams, Jeremy Siek, Daryle Walker 1999-2001.
(c) Copyright David Abrahams, Vicente Botet 2009.
(c) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2009-2012.
(c) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2009.
(c) Copyright David Abrahams, Vicente Botet, Ion Gaztanaga 2010-2012.

(c) Copyright David Gleich 2007
(c) Copyright Douglas Gregor 2001.
(c) Copyright Douglas Gregor 2002.
(c) Copyright Douglas Gregor 2003
(c) Copyright Douglas Gregor 2003-2004.
(c) Copyright Douglas Gregor 2010
(c) Copyright Dustin Spicuzza 2009.
(c) Copyright Edward Diener 2010-2015
(c) Copyright Edward Diener 2011
(c) Copyright Edward Diener 2011,2012
(c) Copyright Edward Diener 2011,2012,2013
(c) Copyright Edward Diener 2011,2012,2014
(c) Copyright Edward Diener 2011,2013
(c) Copyright Edward Diener 2011,2013,2016
(c) Copyright Edward Diener 2011,2013.
(c) Copyright Edward Diener 2011,2014
(c) Copyright Edward Diener 2011,2014.
(c) Copyright Edward Diener 2011-2013
(c) Copyright Edward Diener 2011-2015
(c) Copyright Edward Diener 2011-2017
(c) Copyright Edward Diener 2011.
(c) Copyright Edward Diener 2012
(c) Copyright Edward Diener 2012,2013
(c) Copyright Edward Diener 2013
(c) Copyright Edward Diener 2013.
(c) Copyright Edward Diener 2014
(c) Copyright Edward Diener 2014.
(c) Copyright Edward Diener 2015
(c) Copyright Edward Diener 2015.
(c) Copyright Edward Diener 2016.
(c) Copyright Eric Ford & Hubert Holin 2001.
(c) Copyright Eric Ford 2001
(c) Copyright Eric Friedman 2002-2003.
(c) Copyright Eric Friedman 2002.
(c) Copyright Eric Friedman 2003.
(c) Copyright Eric Jourdanneau, Joel Falcou 2010
(c) Copyright Eric Niebler 2004-2005
(c) Copyright Eric Niebler 2004.
(c) Copyright Eric Niebler 2005
(c) Copyright Eric Niebler 2005.
(c) Copyright Eric Niebler 2006.
(c) Copyright Eric Niebler 2008.
(c) Copyright Eric Niebler 2011
(c) Copyright Eric Niebler, Olivier Gygi 2006.
(c) Copyright Fernando Cacciola, 2002 - 2010.
(c) Copyright Fernando Luis Cacciola Carballal 2000-2004
(c) Copyright Fernando Luis Cacciola Carballal, 2004
(c) Copyright Francois Faure
(c) Copyright Francois Faure 2001
(c) Copyright Frank Birbacher 2007
(c) Copyright Frederic Bron 2009-2011.
(c) Copyright Gaetano Mendola 2010, Simon West 2011.
(c) Copyright Gavin Collings 2000.
(c) Copyright Gennadiy Rozental & Ullrich Koethe 2001.
(c) Copyright Gennadiy Rozental 2001-2005.
(c) Copyright Gennadiy Rozental 2001-2006.
(c) Copyright Gennadiy Rozental 2001-2014.
(c) Copyright Gennadiy Rozental 2001-2015.
(c) Copyright Gennadiy Rozental 2001.
(c) Copyright Gennadiy Rozental 2002-2014.
(c) Copyright Gennadiy Rozental 2002-2015.
(c) Copyright Gennadiy Rozental 2003-2014.
(c) Copyright Gennadiy Rozental 2003-2015.
(c) Copyright Gennadiy Rozental 2005-2010.
(c) Copyright Gennadiy Rozental 2005-2014.
(c) Copyright Gennadiy Rozental 2005.
(c) Copyright Gennadiy Rozental 2006-2010.
(c) Copyright Gennadiy Rozental 2007-2015.
(c) Copyright Gennadiy Rozental 2008-2014.
(c) Copyright Gennadiy Rozental 2008-2015.
(c) Copyright Gennadiy Rozental 2011-2015.
(c) Copyright Gennadiy Rozental 2011.
(c) Copyright Gennadiy Rozental 2015.
(c) Copyright Gennaro Prota 2003 - 2004.
(c) Copyright Gennaro Prota 2003.
(c) Copyright Greg Colvin and Beman Dawes 1998, 1999.
(c) Copyright Greg Colvin and Beman Dawes 1998-2000.
(c) Copyright Greg Colvin, Beman Dawes, and Dave Abrahams 1998-2000.
(c) Copyright Gregory Colvin 2000.
(c) Copyright Guillaume Melquiond 2002 - 2003.
(c) Copyright Guillaume Melquiond 2003.
(c) Copyright Hartmut Kaiser 2005
(c) Copyright Henry S. Warren 2005.
(c) Copyright Hervé Brönnimann, Polytechnic University
(c) Copyright Herve Bronnimann 2004.
(c) Copyright Housemarque Oy 2002
(c) Copyright Howard Hinnant
(c) Copyright Howard Hinnant 2004
(c) Copyright Howard Hinnant 2007-2010.
(c) Copyright Howard Hinnant 2009

(c) Copyright Howard Hinnant 2014.
(c) Copyright Hubert Holin 2001.
(c) Copyright Hubert Holin 2003-2005.
(c) Copyright Hubert Holin 2003.
(c) Copyright Hubert Holin and Daryle Walker 2001-2002.
(c) Copyright Ignacy Gawedzki 2010
(c) Copyright Ion Gaztanaga 2004-2012.
(c) Copyright Ion Gaztanaga 2004-2013.
(c) Copyright Ion Gaztanaga 2004-2015.
(c) Copyright Ion Gaztanaga 2005-2012.
(c) Copyright Ion Gaztanaga 2005-2013.
(c) Copyright Ion Gaztanaga 2005-2014.
(c) Copyright Ion Gaztanaga 2005-2015.
(c) Copyright Ion Gaztanaga 2005-2016.
(c) Copyright Ion Gaztanaga 2005.
(c) Copyright Ion Gaztanaga 2006-2012
(c) Copyright Ion Gaztanaga 2006-2012.
(c) Copyright Ion Gaztanaga 2006-2013
(c) Copyright Ion Gaztanaga 2006-2013.
(c) Copyright Ion Gaztanaga 2006-2014
(c) Copyright Ion Gaztanaga 2006-2014.
(c) Copyright Ion Gaztanaga 2006-2015
(c) Copyright Ion Gaztanaga 2006-2015.
(c) Copyright Ion Gaztanaga 2006.
(c) Copyright Ion Gaztanaga 2007-2012.
(c) Copyright Ion Gaztanaga 2007-2013
(c) Copyright Ion Gaztanaga 2007-2013.
(c) Copyright Ion Gaztanaga 2007-2014
(c) Copyright Ion Gaztanaga 2007-2014.
(c) Copyright Ion Gaztanaga 2007-2015
(c) Copyright Ion Gaztanaga 2007-2015.
(c) Copyright Ion Gaztanaga 2007-2017.
(c) Copyright Ion Gaztanaga 2008
(c) Copyright Ion Gaztanaga 2008-2009
(c) Copyright Ion Gaztanaga 2008-2012.
(c) Copyright Ion Gaztanaga 2008-2013
(c) Copyright Ion Gaztanaga 2008-2013.
(c) Copyright Ion Gaztanaga 2008-2015.
(c) Copyright Ion Gaztanaga 2008.
(c) Copyright Ion Gaztanaga 2009
(c) Copyright Ion Gaztanaga 2009-2012.
(c) Copyright Ion Gaztanaga 2009-2013
(c) Copyright Ion Gaztanaga 2009-2013.
(c) Copyright Ion Gaztanaga 2009-2014.
(c) Copyright Ion Gaztanaga 2009.
(c) Copyright Ion Gaztanaga 2010-2012.
(c) Copyright Ion Gaztanaga 2010-2013
(c) Copyright Ion Gaztanaga 2010-2016.
(c) Copyright Ion Gaztanaga 2011-2012.
(c) Copyright Ion Gaztanaga 2011-2013.
(c) Copyright Ion Gaztanaga 2011-2014.
(c) Copyright Ion Gaztanaga 2012-2012.
(c) Copyright Ion Gaztanaga 2012-2013.
(c) Copyright Ion Gaztanaga 2012-2015.
(c) Copyright Ion Gaztanaga 2012-2016.
(c) Copyright Ion Gaztanaga 2013-2013
(c) Copyright Ion Gaztanaga 2013-2013.
(c) Copyright Ion Gaztanaga 2013-2014
(c) Copyright Ion Gaztanaga 2013-2014.
(c) Copyright Ion Gaztanaga 2014
(c) Copyright Ion Gaztanaga 2014-2014
(c) Copyright Ion Gaztanaga 2014-2014.
(c) Copyright Ion Gaztanaga 2014-2015
(c) Copyright Ion Gaztanaga 2014-2015.
(c) Copyright Ion Gaztanaga 2014.
(c) Copyright Ion Gaztanaga 2015-2015
(c) Copyright Ion Gaztanaga 2015-2015.
(c) Copyright Ion Gaztanaga 2015-2016.
(c) Copyright Ion Gaztanaga 2015-2017.
(c) Copyright Ion Gaztanaga 2016-2016.
(c) Copyright Ion Gaztanaga.
(c) Copyright Jaakko
(c) Copyright Jens Maurer 2001
(c) Copyright Jens Maurer 2001
(c) Copyright Jens Maurer 2001 - 2002.
(c) Copyright Jens Maurer 2001 - 2003.
(c) Copyright Jens Maurer 2001.
(c) Copyright Jens Maurer 2002 - 2003.
(c) Copyright Jens Maurer 2003.
(c) Copyright Jeremiah Willcock 2004
(c) Copyright Jeremy Murphy 2015.
(c) Copyright Jeremy Siek 1999-2001.
(c) Copyright Jeremy Siek 1999-2004.
(c) Copyright Jeremy Siek 1999.
(c) Copyright Jeremy Siek 2000-2002.
(c) Copyright Jeremy Siek 2000-2004.
(c) Copyright Jeremy Siek 2000.
(c) Copyright Jeremy Siek 2001-2004.
(c) Copyright Jeremy Siek 2001.
(c) Copyright Jeremy Siek 2002.

(c) Copyright Jeremy Siek 2004
(c) Copyright Jeremy Siek 2004.
(c) Copyright Jeremy Siek 2006
(c) Copyright Jeremy Siek and John R. Bandela 2001.
(c) Copyright Jeremy Siek, 2001.
(c) Copyright Jeremy Siek, David Abrahams 2000–2006.
(c) Copyright Jeremy William Murphy 2015.
(c) Copyright Jeremy William Murphy 2016.
(c) Copyright Jesse Williamson 2009
(c) Copyright Jessica Hamilton 2014.
(c) Copyright Jim Douglas 2005.
(c) Copyright Joachim Faulhaber, 2010
(c) Copyright Joaquin M Lopez Munoz 2006–2013
(c) Copyright Joel de Guzman 2003.
(c) Copyright Johan Rade 2006.
(c) Copyright John
(c) Copyright John Maddock & Thorsten Ottosen 2005.
(c) Copyright John Maddock 1999–2005.
(c) Copyright John Maddock 2000.
(c) Copyright John Maddock 2001
(c) Copyright John Maddock 2001 – 2002.
(c) Copyright John Maddock 2001 – 2003
(c) Copyright John Maddock 2001 – 2003.
(c) Copyright John Maddock 2001–8.
(c) Copyright John Maddock 2001.
(c) Copyright John Maddock 2002 – 2003.
(c) Copyright John Maddock 2002.
(c) Copyright John Maddock 2003
(c) Copyright John Maddock 2003.
(c) Copyright John Maddock 2004
(c) Copyright John Maddock 2004.
(c) Copyright John Maddock 2005–2006.
(c) Copyright John Maddock 2005–7.
(c) Copyright John Maddock 2005.
(c) Copyright John Maddock 2006, 2015
(c) Copyright John Maddock 2006–7.
(c) Copyright John Maddock 2006–8.
(c) Copyright John Maddock 2006.
(c) Copyright John Maddock 2007.
(c) Copyright John Maddock 2008.
(c) Copyright John Maddock 2009.
(c) Copyright John Maddock 2010.
(c) Copyright John Maddock 2011.
(c) Copyright John Maddock 2012
(c) Copyright John Maddock 2012.
(c) Copyright John Maddock 2013
(c) Copyright John Maddock 2013.
(c) Copyright John Maddock 2014.
(c) Copyright John Maddock 2015.
(c) Copyright John Maddock 2016.
(c) Copyright John Maddock and Dave Abrahams 2002.
(c) Copyright John Maddock and Steve Cleary 2000.
(c) Copyright John R. Bandela 2001.
(c) Copyright Jonathan Graehl 2004.
(c) Copyright Jonathan Turkanis 2003.
(c) Copyright Jonathan Turkanis 2004
(c) Copyright Jonathan Turkanis 2004–2005.
(c) Copyright Jonathan Turkanis 2004.
(c) Copyright Jorge Lodos 2008
(c) Copyright Jorge Lodos 2008.
(c) Copyright Juergen Hunold 2006–2010.
(c) Copyright Juergen Hunold 2006.
(c) Copyright Juergen Hunold 2008
(c) Copyright Juergen Hunold 2008–2011
(c) Copyright Juergen Hunold 2009
(c) Copyright Juergen Hunold 2011
(c) Copyright Juergen Hunold 2012
(c) Copyright Juergen Hunold 2015
(c) Copyright Juergen Hunold 2016
(c) Copyright Jurko Gospodnetic 2008.
(c) Copyright Kevlin Henney and Dave Abrahams 1999.
(c) Copyright Kohei Takahashi 2014
(c) Copyright Kohei Takahashi 2014,2016
(c) Copyright Lie-Quan Lee 2001.
(c) Copyright Lorenzo Caminiti, 2009–2012
(c) Copyright Marek Kurdej 2014.
(c) Copyright Mark Rodgers 2000
(c) Copyright Markus Schoepflin 2002 – 2003.
(c) Copyright Markus Schoepflin 2005.
(c) Copyright Markus Schoepflin 2007
(c) Copyright Marshall Clow 2012
(c) Copyright Marshall Clow, 2012
(c) Copyright Martin Wille 2003.
(c) Copyright Mat Marcus, Jesse Jones and Adobe Systems Inc 2001
(c) Copyright Matei David 2014
(c) Copyright Matei David 2014–2014.
(c) Copyright Mathias Gaunard 2009.
(c) Copyright Matthias Troyerk 2006.
(c) Copyright MetaCommunications, Inc. 2004.
(c) Copyright Michael Glassford 2004.

(c) Copyright Microsoft Corporation 2014
(c) Copyright Nicolai M. Josuttis 1999.
(c) Copyright Nicolai M. Josuttis 2001
(c) Copyright Nicolai M. Josuttis 2001.
(c) Copyright Niels Dekker 2010.
(c) Copyright Noel Belcourt 2007.
(c) Copyright Olaf Krzikalla 2004-2006.
(c) Copyright Oliver Kowalke 2016.
(c) Copyright Pablo Halpern 2009.
(c) Copyright Paul A. Bristow 2006.
(c) Copyright Paul A. Bristow 2011
(c) Copyright Paul Mensonides 2002
(c) Copyright Paul Mensonides 2002-2011.
(c) Copyright Paul Mensonides 2002.
(c) Copyright Paul Mensonides 2002Distributed
(c) Copyright Paul Mensonides 2003.
(c) Copyright Paul Mensonides 2005.
(c) Copyright Paul Mensonides 2011.
(c) Copyright Paul Mensonides 2012
(c) Copyright Paul Mensonides 2012.
(c) Copyright Paul Moore 1999-2001
(c) Copyright Paul Moore 1999.
(c) Copyright Peter Dimov 2001
(c) Copyright Peter Dimov 2001, 2002
(c) Copyright Peter Dimov 2001, 2002, 2003
(c) Copyright Peter Dimov 2001.
(c) Copyright Peter Dimov 2002
(c) Copyright Peter Dimov 2002-2005, 2007.
(c) Copyright Peter Dimov 2002-2005.
(c) Copyright Peter Dimov 2002.
(c) Copyright Peter Dimov 2004-2005
(c) Copyright Peter Dimov 2007.
(c) Copyright Peter Dimov 2008.
(c) Copyright Peter Dimov 2014
(c) Copyright Peter Dimov 2015.
(c) Copyright Peter Dimov and Multi Media Ltd. 2001, 2002, 2003
(c) Copyright Pieter Bastiaan Ober 2014.
(c) Copyright Raffi Enficiaud 2014.
(c) Copyright Raffi Enficiaud 2015
(c) Copyright Raffi Enficiaud 2015.
(c) Copyright Raffi Enficiaud 2016.
(c) Copyright Raffi Enficiaud 2017.
(c) Copyright Ralf W. Grosse-Kunstleve 2001
(c) Copyright Rani Sharoni 2003-2005.
(c) Copyright Rani Sharoni 2003.
(c) Copyright Rani Sharoni, Robert Ramey, Pavel Vozenilek and Christoph Ludwig
(c) Copyright Rene Rivera 2005.
(c) Copyright Robert Ramey 2002-2004.
(c) Copyright Robert Ramey 2003. Jonathan Turkanis 2004.
(c) Copyright Robert Ramey 2004
(c) Copyright Roland Richter 2003.
(c) Copyright Ronald Garcia 2002.
(c) Copyright Ronald Garcia, Jeremy Siek 2002.
(c) Copyright Runar Undheim, Robert Ramey & John Maddock 2008.
(c) Copyright Samuli-Petrus Korhonen 2017.
(c) Copyright Simon West 2011.
(c) Copyright Stefan Seefeld, 2015
(c) Copyright Stefan Slapeta 2004.
(c) Copyright Stephen Cleary 2000
(c) Copyright Stephen Cleary 2000.
(c) Copyright Stephen Silver, 2001.
(c) Copyright Steve Cleary & John Maddock 2000.
(c) Copyright Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hinnant & John Maddock 2000.
(c) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000-2005.
(c) Copyright Steve Cleary, Beman Dawes, Howard Hinnant & John Maddock 2000.
(c) Copyright Steven Ross 2009-2014
(c) Copyright Synge Todo 2003.
(c) Copyright Terje Slettebo 2001.
(c) Copyright Terje Slettebo 2002.
(c) Copyright Thomas Claveirole 2010
(c) Copyright Thomas Witt 2002.
(c) Copyright Thomas Witt 2003.
(c) Copyright Thorsten Ottosen 2002-2003.
(c) Copyright Thorsten Ottosen 2003-2006
(c) Copyright Thorsten Ottosen 2005
(c) Copyright Thorsten Ottosen 2005.
(c) Copyright Thorsten Ottosen 2009.
(c) Copyright Tobias Schwinger
(c) Copyright Tobias Schwinger, 2009
(c) Copyright Tony Lewis 2016.
(c) Copyright Toon Knapen 2001 - 2003.
(c) Copyright Toon Knapen 2001.
(c) Copyright Toon Knapen 2003.
(c) Copyright Vicente J. Botet Escriba 20010.
(c) Copyright Vicente J. Botet Escriba 2008-2009,2012.
(c) Copyright Vicente J. Botet Escriba 2010.
(c) Copyright Vicente J. Botet Escriba 2013-2014.
(c) Copyright Vicente J. Botet Escriba 2014-2015.
(c) Copyright Vicente J. Botet Escriba 2014.
(c) Copyright Vladimir Prus 2002, 2003, 2004, 2005.

(c) Copyright Vladimir Prus 2003
(c) Copyright Vladimir Prus 2003.
(c) Copyright Vladimir Prus, 2003
(c) Copyright Vladimir Prus, David Abrahams, Michael Stevens, Hartmut Kaiser, Ion Gaztanaga 2007-2008
(c) Copyright William E. Kempf 2001.
(c) Copyright Yuriy Krasnoschek 2009.
(c) Copyright boost 2004-2014.
(c) Daryle Walker 2005, 2013.
(c) David Abrahams 2002.
(c) Dean Michael Berris
(c) Dean Michael Berris <me@deanberris.com>
(c) Google, Inc.
(c) Hubert Holin & Didier Vidal. Maple
(c) International Organization
(c) Jeffrey Lee Hellrung, Jr.
(c) John Maddock & Paul A. Bristow 2007 - 2012
(c) MidLetter or MidNumLet
(c) Peter Kankowski, 2008
(c) The Trustees of Indiana University.
(c) Thorsten Ottosen 2003-2004
(c) jmc 2007 - 2010 assembly:AssemblyTrademarkAttribute assembly:AssemblyCultureAttribute
2' Copyright (c) 2003 Jonathan
2010 . ACM, October 2010
28, 2008 HK April 28, 2008
28, 2008 HK May 05, 2008
666666' Copyright (c) 1998-2003 Joel de Guzman
666666' Copyright (c) 1998-2005 Joel de Guzman, Hartmut Kaiser
666666' Copyright (c) 2001-2003 Hartmut Kaiser
666666' Copyright (c) 2003 Martin Wille
9, 2007 JDG May 13, 2015
COPYRIGHT SIGN So
Christophe Henry Copyright (c) 2008-2010
Christophe Henry christophe.j.henry@googlemail.com 2008-2010
Clermont II Copyright 2009 - 2011
Clermont II Copyright 2014
Copyright © 2000 <A HREF http://www.boost.org/people/jeremy_siek.htm'>Jeremy
Copyright © 2000 a
Copyright © 2000-2001 <a href http://www.osl.iu.edu/~garcia'>Ronald
Copyright © 2000-2002 a
Copyright © 2002 <a HREF http://www.boost.org/people/jeremy_siek.htm'>Jeremy
Copyright © 2003 <A HREF mailto:fernando_cacciola@hotmail.com'>Fernando
Copyright (2) Beman Dawes 2010, 2011
Copyright (2) Beman Dawes 2010, 2011, 2015
Copyright (2) Beman Dawes 2011
Copyright (3) Ion Gaztanaga 2013
Copyright (c) 1984, 1989, 1990, 2000, 2001, 2002 Free Software Foundation, Inc.
Copyright (c) 1984, 1989-1990, 2000-2012 Free Software Foundation, Inc.
Copyright (c) 1986 by University of Toronto.
Copyright (c) 1988, 1989 Hans-J. Boehm, Alan J. Demers
Copyright (c) 1991 by Xerox Corporation.
Copyright (c) 1991, 1992 by Xerox Corporation.
Copyright (c) 1991-1994 by Xerox Corporation.
Copyright (c) 1991-1995 by Xerox Corporation.
Copyright (c) 1991-1996 by Xerox Corporation.
Copyright (c) 1991-2009 Unicode, Inc.
Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundati
Copyright (c) 1992, 1993, 1994, 1995, 1996, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006 Free Software Foundation, Inc.
Copyright (c) 1992-1994 by Xerox Corporation.
Copyright (c) 1993-1994 by Xerox Corporation.
Copyright (c) 1994 Hewlett-Packard Company
Copyright (c) 1994 by Xerox Corporation.
Copyright (c) 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1995 Maarten Hilferink, Amsterdam
Copyright (c) 1995, 2007-2015 Barend Gehrels, Amsterdam
Copyright (c) 1995-2012 Barend Gehrels , Geodan, Amsterdam
Copyright (c) 1996 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1996 by Silicon Graphics.
Copyright (c) 1996, 1997, 1998, 1999, 2000, 2001 Free Software Foundation, Inc.
Copyright (c) 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1996, 1997, 2000, 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 1996, 1998, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1996, 1997 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1996-1997 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1996-1998 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1996-1998 by Silicon Graphics.
Copyright (c) 1996-1999 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1996-1999 by Silicon Graphics.
Copyright (c) 1997 Moscow Center for SPARC Technology
Copyright (c) 1997 by Silicon Graphics.
Copyright (c) 1997, 1999, 2000, 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 1997, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1997-2004 <A HREF http://www.osl.iu.edu/~lums'>Andrew
Copyright (c) 1998 Silicon Graphics Computer Systems, Inc.
Copyright (c) 1998 by Fergus Henderson.
Copyright (c) 1998 by Silicon Graphics.
Copyright (c) 1998, 2002-2005 Kiyoshi Matsui <kmatsui@t3.rim.or.jp>
Copyright (c) 1998, 2002-2006 Kiyoshi Matsui <kmatsui@t3.rim.or.jp>
Copyright (c) 1998-1999 by Silicon Graphics.

Copyright (c) 1998-2000 Dr John Maddock
Copyright (c) 1998-2002 Joel de Guzman
Copyright (c) 1998-2002 John Maddock
Copyright (c) 1998-2003 Joel de Guzman
Copyright (c) 1998-2003 John Maddock
Copyright (c) 1998-2004 John Maddock
Copyright (c) 1998-2005 John Maddock
Copyright (c) 1998-2007 John Maddock
Copyright (c) 1998-2008 Joel de Guzman
Copyright (c) 1998-2009 John Maddock
Copyright (c) 1998-2013 John Maddock
Copyright (c) 1999 -2006 Cortex Software GmbH
Copyright (c) 1999 by Hewlett-Packard Company.
Copyright (c) 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (c) 1999, 2000, 2001, 2002, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 1999, 2000, 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 1999, 2000, 2002 Aladdin Enterprises.
Copyright (c) 1999, 2000, 2003, 2004 Free Software Foundation, Inc.
Copyright (c) 1999, 2002 Aladdin Enterprises.
Copyright (c) 1999-2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) Gary Powell (gwpowell@hotmail.com)
Copyright (c) 1999-2001 by Hewlett-Packard Company.
Copyright (c) 1999-2001 by Hewlett-Packard.
Copyright (c) 1999-2001 by Red Hat, Inc.
Copyright (c) 1999-2003 Boris Fomitchev
Copyright (c) 1999-2003 Jaakko Jarvi
Copyright (c) 1999-2003 Jeremiah Willcock
Copyright (c) 1999-2004 Hewlett-Packard Development Company
Copyright (c) 1999-2004 Jaakko
Copyright (c) 1999-2005 Hewlett-Packard Development Company
Copyright (c) 1999-2006 Cortex Software GmbH
Copyright (c) 1999-2006 Cortex Software GmbH, Kantstrasse 57, Berlin
Copyright (c) 2000
Copyright (c) 2000 - 2006 Stephen Cleary
Copyright (c) 2000 <A HREF http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2000 <a href http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2000 Cadenza New Zealand Ltd
Copyright (c) 2000 Cadenza New Zealand Ltd.
Copyright (c) 2000 David Abrahams.
Copyright (c) 2000 Gary Powell (gary.powell@sierra.com)
Copyright (c) 2000 Gary Powell (gwpowell@hotmail.com)
Copyright (c) 2000 Gary Powell (powellg@amazon.com)
Copyright (c) 2000 Jeremy Siek
Copyright (c) 2000 Jeremy Siek and Andrew Lumsdaine
Copyright (c) 2000 Jeremy Siek, Lie-Quan Lee, Andrew Lumsdaine
Copyright (c) 2000 Stephen Cleary
Copyright (c) 2000 Steve Cleary, Beman Dawes, Howard Hinnant
Copyright (c) 2000 by Hewlett-Packard Company.
Copyright (c) 2000, 2001 Stephen Cleary
Copyright (c) 2000, 2001 University of Notre Dame
Copyright (c) 2000, 2005 Steve Cleary and John Maddock
Copyright (c) 2000, 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howar
Copyright (c) 2000-2001 <A HREF http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2000-2001 <A HREF http://www.boost.org/people/liequan_lee.htm>Lie-Quan
Copyright (c) 2000-2001 <A HREF http://www.boost.org/users/people/jeremy_siek.html>Jeremy
Copyright (c) 2000-2001 <a HREF http://www.boost.org/people/dave_abrahams.htm>Dave
Copyright (c) 2000-2001 University of Notre Dame.
Copyright (c) 2000-2002 <a HREF http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2000-2002 Joerg Walter, Mathias Koch
Copyright (c) 2000-2003 Brian McNamara and Yannis Smaragdakis
Copyright (c) 2000-2003 Gary Powell (powellg@amazon.com)
Copyright (c) 2000-2003 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (c) 2000-2004 <A HREF http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2000-2004 Hewlett-Packard Development Company
Copyright (c) 2000-2004 Joerg Walter, Mathias Koch
Copyright (c) 2000-2005 CrystalClear Software, Inc.
Copyright (c) 2000-2005 Jens Maurer
Copyright (c) 2000-2005 Kevlin Henney
Copyright (c) 2000-2005 by Hewlett-Packard Company.
Copyright (c) 2000-2006 Cortex Software GmbH
Copyright (c) 2000-2006 Stephen Cleary
Copyright (c) 2000-2007 Joerg Walter, Mathias Koch, Gunter Winkler
Copyright (c) 2000-2009 Joerg Walter, Mathias Koch, Gunter Winkler
Copyright (c) 2000-2010 Joerg Walter, Mathias Koch, David Bellot
Copyright (c) 2000-2010 Joerg Walter, Mathias Koch, Gunter Winkler, David Bellot
Copyright (c) 2000-2011 Joerg Walter, Mathias Koch, David Bellot
Copyright (c) 2000-2012 <a HREF http://www.boost.org/people/jeremy_siek.htm>Jeremy Siek , Univ.of Notre Dame
Copyright (c) 2000-2013 Joerg Walter, Mathias Koch, Athanasios Iliopoulos
Copyright (c) 2000-2013 Joerg Walter, Mathias Koch. David Bellot
Copyright (c) 2001 <A HREF <http://people.freenet.de/andreas.scherer>>Andreas
Copyright (c) 2001 <A HREF http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2001 <A HREF http://www.boost.org/people/liequan_lee.htm>Lie-Quan
Copyright (c) 2001 <a href http://www.boost.org/people/jens_maurer.htm>Jens
Copyright (c) 2001 <a href http://www.boost.org/people/jeremy_siek.htm>Jeremy
Copyright (c) 2001 <a href http://www.boost.org/people/ronald_garcia.htm>Ronald
Copyright (c) 2001 <a href <http://www.osl.iu.edu/~garcia>>Ronald
Copyright (c) 2001 <a href mailto:williamkempf@hotmail.com>William
Copyright (c) 2001 Beman Dawes
Copyright (c) 2001 Boost.Test contributors
Copyright (c) 2001 Bruce Florman
Copyright (c) 2001 Daniel C. Nuffer

Copyright (c) 2001 Daniel C. Nuffer.
Copyright (c) 2001 Daniel Nuffer
Copyright (c) 2001 Darin Adler
Copyright (c) 2001 Daryle Walker.
Copyright (c) 2001 David Abrahams
Copyright (c) 2001 David Abrahams.
Copyright (c) 2001 Dietmar Kuehl Use
Copyright (c) 2001 Doug Gregor
Copyright (c) 2001 Douglas Gregor (gregod@cs.rpi.edu)
Copyright (c) 2001 Gary Powell (gary.powell@sierra.com)
Copyright (c) 2001 Housemarque Oy
Copyright (c) 2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (c) 2001 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi) 2001 Gary Powell (gary.powell@sierra.com)
Copyright (c) 2001 Jeremy Siek
Copyright (c) 2001 Jeremy Siek <jsiek@cs.indiana.edu>
Copyright (c) 2001 Jeremy Siek, Doug Gregor, Brian Osman
Copyright (c) 2001 Jeremy Siek, Douglas Gregor, Brian Osman
Copyright (c) 2001 John Maddock
Copyright (c) 2001 John R. Bandela
Copyright (c) 2001 Kevlin Henney
Copyright (c) 2001 Peter Dimov
Copyright (c) 2001 Peter Dimov and Multi Media Ltd.
Copyright (c) 2001 Ralf W. Grosse-Kunstleve.
Copyright (c) 2001 Ronald Garcia
Copyright (c) 2001 Ronald Garcia, Indiana University
Copyright (c) 2001 Sam Tobin-Hochstadt.
Copyright (c) 2001 Samuel Krempf
Copyright (c) 2001 Samuel Krempf krempf@crans.ens-cachan.fr
Copyright (c) 2001 Stephen Cleary
Copyright (c) 2001 Vesa Karvonen
Copyright (c) 2001 Vladimir Prus
Copyright (c) 2001 Vladimir Prus <ghost@cs.msu.su>
Copyright (c) 2001 Vladimir Prus <ghost@cs.msu.su> Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor
Copyright (c) 2001 by Andrei Alexandrescu.
Copyright (c) 2001 by Hewlett-Packard Company.
Copyright (c) 2001 by Red Hat Inc.
Copyright (c) 2001, 2002 Indiana University
Copyright (c) 2001, 2002 Peter Dimov
Copyright (c) 2001, 2002 Peter Dimov and Multi Media Ltd.
Copyright (c) 2001, 2002 Python Software Foundation
Copyright (c) 2001, 2002, 2003 Peter Dimov
Copyright (c) 2001, 2002, 2003 Peter Dimov and Multi Media Ltd.
Copyright (c) 2001, 2002, 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 2001, 2002, 2006 Peter Dimov
Copyright (c) 2001, 2002, 2012 Peter Dimov
Copyright (c) 2001, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 2001, 2003, 2004, 2012 Daryle Walker
Copyright (c) 2001, 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 2001, Andreas Scherer, Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine
Copyright (c) 2001, Daniel C. Nuffer
Copyright (c) 2001, Daniel C. Nuffer.
Copyright (c) 2001-2002 Chris Uzdavinis
Copyright (c) 2001-2002 Chuck Allison and Jeremy Siek
Copyright (c) 2001-2002 Daniel C. Nuffer
Copyright (c) 2001-2002 Daniel C. Nuffer Revised 2007
Copyright (c) 2001-2002 Hartmut Kaiser
Copyright (c) 2001-2002 Jeremy Siek and John R. Bandela
Copyright (c) 2001-2002 Joel
Copyright (c) 2001-2002 Joel de Guzman
Copyright (c) 2001-2002 Marc Wintermantel
Copyright (c) 2001-2002 Marc Wintermantel, ETH Zurich
Copyright (c) 2001-2003 Dan Nuffer
Copyright (c) 2001-2003 Daniel Nuffer
Copyright (c) 2001-2003 Douglas Gregor
Copyright (c) 2001-2003 Douglas Gregor (gregod@cs.rpi.edu)
Copyright (c) 2001-2003 Hartmut Kaiser
Copyright (c) 2001-2003 Jaakko Jarvi
Copyright (c) 2001-2003 Joel de Guzman
Copyright (c) 2001-2003 John Maddock
Copyright (c) 2001-2003 Mac Murrett
Copyright (c) 2001-2003 William E. Kempf
Copyright (c) 2001-2004 CrystalClear Software, Inc.
Copyright (c) 2001-2004 Douglas Gregor
Copyright (c) 2001-2004 Nicolai M. Josuttis
Copyright (c) 2001-2004 Peter Dimov and Multi Media Ltd.
Copyright (c) 2001-20044 Douglas Gregor
Copyright (c) 2001-2005 CrystalClear Software, Inc
Copyright (c) 2001-2005 CrystalClear Software, Inc.
Copyright (c) 2001-2005 Dan Marsden
Copyright (c) 2001-2005 Peter Dimov
Copyright (c) 2001-2006 CrystalClear Software, Inc.
Copyright (c) 2001-2006, 2011, 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
Copyright (c) 2001-2007 Beman Dawes, Vesa Karvonen, John Maddock
Copyright (c) 2001-2007 CrystalClear Software, Inc.
Copyright (c) 2001-2007 Hartmut Kaiser
Copyright (c) 2001-2007 Hartmut Kaiser Revised 2007
Copyright (c) 2001-2007 Joel de Guzman
Copyright (c) 2001-2007 Joel de Guzman, Dan Marsden, Tobias Schwinger
Copyright (c) 2001-2008 Hartmut Kaiser
Copyright (c) 2001-2008 Hartmut Kaiser.

Copyright (c) 2001-2008 Joel de Guzman
Copyright (c) 2001-2008 Peter Dimov
Copyright (c) 2001-2009 Aleksey Gurtovoy and David Abrahams
Copyright (c) 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
Copyright (c) 2001-2009 Daniel Nuffer
Copyright (c) 2001-2009 Hartmut Kaiser
Copyright (c) 2001-2009 Joel de Guzman
Copyright (c) 2001-2009, 2012 Peter Dimov
Copyright (c) 2001-2009, Hartmut Kaiser
Copyright (c) 2001-2010 Hartmut Kaiser
Copyright (c) 2001-2010 Hartmut Kaiser.
Copyright (c) 2001-2010 Joel de Guzman
Copyright (c) 2001-2010 Thomas Heller
Copyright (c) 2001-2011 Aleksey Gurtovoy and David Abrahams
Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2001-2011 Hartmut Kaiser
Copyright (c) 2001-2011 Hartmut Kaiser.
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2001-2011 Joel de Guzman
Copyright (c) 2001-2011 Joel de Guzman, Hartmut Kaiser
Copyright (c) 2001-2011 Thomas Bernard
Copyright (c) 2001-2012 Hartmut Kaiser
Copyright (c) 2001-2012 Hartmut Kaiser.
Copyright (c) 2001-2012 Joel de Guzman
Copyright (c) 2001-2013 Hartmut Kaiser
Copyright (c) 2001-2013 Hartmut Kaiser.
Copyright (c) 2001-2013 Joel de Guzman
Copyright (c) 2001-2014 Joel de Guzman
Copyright (c) 2001-2015 Hartmut Kaiser
Copyright (c) 2001-2015 Joel de Guzman
Copyright (c) 2001-2016 Boost.Test contributors
Copyright (c) 2001-2016 Joel de Guzman
Copyright (c) 2002 2004 2006 Joel de Guzman
Copyright (c) 2002 2004 2006Joel
Copyright (c) 2002 2004, Herve Bronnimann
Copyright (c) 2002 Aleksey Gurtovoy
Copyright (c) 2002 Beman Dawes
Copyright (c) 2002 Bill Kempf
Copyright (c) 2002 Brad King (brad.king@kitware.com) Douglas Gregor (gregod@cs.rpi.edu)
Copyright (c) 2002 Brad King and Douglas Gregor
Copyright (c) 2002 Chris Uzdavinis
Copyright (c) 2002 CrystalClear Software, Inc.
Copyright (c) 2002 David Abrahams
Copyright (c) 2002 Douglas Gregor
Copyright (c) 2002 Eric Friedman, Itay Maman
Copyright (c) 2002 Gary Powell (gwpowell@hotmail.com)
Copyright (c) 2002 Gennaro Prota
Copyright (c) 2002 Guillaume Melquiond, Sylvain Pion
Copyright (c) 2002 Hartmut Kaiser
Copyright (c) 2002 Hewlett-Packard Company
Copyright (c) 2002 Housemarque Oy
Copyright (c) 2002 Institute of Transport, Railway Construction and Operation, University of Hanover, Germany
Copyright (c) 2002 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright (c) 2002 Jeff Westfahl
Copyright (c) 2002 Jens Maurer
Copyright (c) 2002 Joel de Guzman
Copyright (c) 2002 John Maddock
Copyright (c) 2002 Juan Carlos Arevalo-Baeza
Copyright (c) 2002 Lars Gullik Bjnnes <larsbj@lyx.org>
Copyright (c) 2002 Peter Dimov
Copyright (c) 2002 Peter Dimov and Multi Media Ltd.
Copyright (c) 2002 Raghavendra Satish
Copyright (c) 2002 Rensselaer Polytechnic Institute
Copyright (c) 2002 Samuel Krempf
Copyright (c) 2002 The Trustees of Indiana University
Copyright (c) 2002 Trustees of Indiana University
Copyright (c) 2002 by Andrei Alexandrescu
Copyright (c) 2002 by Peter Dimov.
Copyright (c) 2002 by Peter Simons <simons@cryp.to>
Copyright (c) 2002, 2003 Eric Friedman, Itay Maman
Copyright (c) 2002, 2003 Peter Dimov
Copyright (c) 2002, 2003 Peter Dimov and Multi Media Ltd.
Copyright (c) 2002, 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 2002, 2003, 2005 Peter Dimov
Copyright (c) 2002, 2003, 2014 Peter Dimov
Copyright (c) 2002, 2003, 2015 Peter Dimov
Copyright (c) 2002, 2003, 2015 by Peter Dimov.
Copyright (c) 2002, 2004, 2006 Joel de Guzman, Eric Niebler
Copyright (c) 2002, 2007, 2014 by Peter
Copyright (c) 2002, 2008, 2013 Peter Dimov
Copyright (c) 2002, 2009, 2014 Peter Dimov
Copyright (c) 2002, 2011 Peter Dimov
Copyright (c) 2002,2003 CrystalClear Software, Inc.
Copyright (c) 2002,2003, 2004 CrystalClear Software, Inc.
Copyright (c) 2002,2003, 2007 CrystalClear Software, Inc.
Copyright (c) 2002,2003,2005 CrystalClear Software, Inc.
Copyright (c) 2002-2003 Beman Dawes, William E. Kempf.
Copyright (c) 2002-2003 David Abrahams
Copyright (c) 2002-2003 David Abrahams.

Copyright (c) 2002-2003 David Moore, William E. Kempf
Copyright (c) 2002-2003 Douglas Gregor
Copyright (c) 2002-2003 Eric Friedman
Copyright (c) 2002-2003 Eric Friedman, Itay Maman
Copyright (c) 2002-2003 Hartmut Kaiser
Copyright (c) 2002-2003 Joel de Guzman
Copyright (c) 2002-2003 Juan Carlos Arevalo-Baeza
Copyright (c) 2002-2003 Martin Wille
Copyright (c) 2002-2003 Rene Rivera.
Copyright (c) 2002-2003 The Trustees of Indiana University.
Copyright (c) 2002-2003 Toon Knapen, Kresimir Fresl, Joerg Walter
Copyright (c) 2002-2003 Vladimir Prus.
Copyright (c) 2002-2003 William E. Kempf.
Copyright (c) 2002-2003,2005 CrystalClear Software, Inc.
Copyright (c) 2002-2004 CrystalClear Software, Inc.
Copyright (c) 2002-2004 Douglas Gregor
Copyright (c) 2002-2004 Lauren Foutz, Rensselaer Polytechnic Institute
Copyright (c) 2002-2004 Martin Wille
Copyright (c) 2002-2004 Pavol Droba
Copyright (c) 2002-2004 Vladimir Prus
Copyright (c) 2002-2005 CrystalClear Software, Inc.
Copyright (c) 2002-2005 Joel de Guzman, David Abrahams
Copyright (c) 2002-2005 Marcin Kalicinski
Copyright (c) 2002-2005 Peter Dimov
Copyright (c) 2002-2005, 2010, 2014, 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
Copyright (c) 2002-2005, 2015 David Abrahams, Stefan Seefeld
Copyright (c) 2002-2006 CrystalClear Software, Inc.
Copyright (c) 2002-2006 Hartmut Kaiser
Copyright (c) 2002-2006 Marcin Kalicinski
Copyright (c) 2002-2006 Pavol Droba.
Copyright (c) 2002-2007 Marcin Kalicinski
Copyright (c) 2002-2010 Hartmut Kaiser
Copyright (c) 2002-2010 Joel de Guzman
Copyright (c) 2002-2013 John Maddock and Christopher Kormanyos
Copyright (c) 2002-2015 David Abrahams, Stefan Seefeld
Copyright (c) 2002-2015 Joel de Guzman
Copyright (c) 2003 - 2008 Jan Gaspar
Copyright (c) 2003 2003 Vaclav Vesely
Copyright (c) 2003 Jonathan
Copyright (c) 2003 Boost.Test contributors
Copyright (c) 2003 Daniel Frey
Copyright (c) 2003 Dave Abrahams
Copyright (c) 2003 David Abrahams
Copyright (c) 2003 David Abrahams.
Copyright (c) 2003 Doug Gregor.
Copyright (c) 2003 Dr John Maddock Use
Copyright (c) 2003 Eric Friedman
Copyright (c) 2003 Eric Friedman, Itay Maman
Copyright (c) 2003 Gennaro Prota
Copyright (c) 2003 Gennaro Prota.
Copyright (c) 2003 Giovanni Bajo
Copyright (c) 2003 Giovanni Bajo Copyrigh
Copyright (c) 2003 Guillaume Melquiond
Copyright (c) 2003 Gunter Winkler, Joerg Walter
Copyright (c) 2003 Gustavo Guerra
Copyright (c) 2003 Hartmut Kaiser
Copyright (c) 2003 Howard Hinnant
Copyright (c) 2003 Institute of Transport, Railway Construction and Operation, University of Hanover, Germany
Copyright (c) 2003 Joel de Guzman
Copyright (c) 2003 John Maddock
Copyright (c) 2003 Jonathan de Halleux
Copyright (c) 2003 Martin Wille
Copyright (c) 2003 Michael Stevens
Copyright (c) 2003 Paul Mensonides
Copyright (c) 2003 Pavel Baranov
Copyright (c) 2003 Peter Dimov
Copyright (c) 2003 Peter Dimov.
Copyright (c) 2003 Rational Discovery LLC
Copyright (c) 2003 Rational Discovery LLC.
Copyright (c) 2003 Ross Smith
Copyright (c) 2003 Sam Nabialek
Copyright (c) 2003 Samuel Krempf
Copyright (c) 2003 Thomas Witt
Copyright (c) 2003 Vaclav Vesely
Copyright (c) 2003 Vesa Karvonen.
Copyright (c) 2003 Vladimir Prus
Copyright (c) 2003 Vladimir Prus Use
Copyright (c) 2003 Vladimir Prus.
Copyright (c) 2003 Vladimir Prus. Use
Copyright (c) 2003, 2004 Douglas Gregor
Copyright (c) 2003, 2004 Jaakko Jarvi
Copyright (c) 2003, 2004 Jeremy B. Maitin-Shepard
Copyright (c) 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 2003, 2005 David Abrahams Jeremy Siek Thomas Witt
Copyright (c) 2003, 2005 Free Software Foundation, Inc.
Copyright (c) 2003, 2005 Joel de Guzman
Copyright (c) 2003, 2008 Fernando Luis Cacciola Carballal.
Copyright (c) 2003, Eric Friedman, Itay Maman.
Copyright (c) 2003, Fernando Luis Cacciola Carballal.
Copyright (c) 2003, Hartmut Kaiser

Copyright (c) 2003,2007 Rene Rivera. Use
Copyright (c) 2003- webbot bot
Copyright (c) 2003-2004
Copyright (c) 2003-2004 CrystalClear Software, Inc.
Copyright (c) 2003-2004 Doug Gregor and Dave Abrahams.
Copyright (c) 2003-2004 Douglas Gregor
Copyright (c) 2003-2004 Gennaro Prota
Copyright (c) 2003-2004 Guillaume Melquiond
Copyright (c) 2003-2004 Hartmut Kaiser
Copyright (c) 2003-2004 Jeremy B. Maitin-Shepard.
Copyright (c) 2003-2004 Joel de Guzman
Copyright (c) 2003-2004 John Maddock
Copyright (c) 2003-2004 Martin Wille
Copyright (c) 2003-2004 by Douglas Gregor
Copyright (c) 2003-2004, 2008 <a href http://gennaro-prota.50webs.com/'>Gennaro
Copyright (c) 2003-2004, 2008 Gennaro Prota
Copyright (c) 2003-2005 CrystalClear Software, Inc.
Copyright (c) 2003-2005 Douglas Gregor
Copyright (c) 2003-2005 John Maddock
Copyright (c) 2003-2005 Peter Dimov
Copyright (c) 2003-2005, 2013 Peter Dimov.
Copyright (c) 2003-2006 Andreas Huber Donni
Copyright (c) 2003-2006 Gennaro Prota
Copyright (c) 2003-2006 Guillaume Melquiond, ENS Lyon
Copyright (c) 2003-2006 Joel de Guzman
Copyright (c) 2003-2006 Peter Dimov
Copyright (c) 2003-2006 Thorsten Ottosen
Copyright (c) 2003-2006, 2008 Gennaro Prota
Copyright (c) 2003-2007 Fernando Luis Cacciola Carballal
Copyright (c) 2003-2007 Rene Rivera, David Abrahams, Vladimir Prus
Copyright (c) 2003-2007 Thorsten Ottosen. Use
Copyright (c) 2003-2008 <a href contact.html'>Andreas
Copyright (c) 2003-2008 Andreas Huber Donni
Copyright (c) 2003-2008 Hartmut Kaiser
Copyright (c) 2003-2008 Jan Gaspar
Copyright (c) 2003-2008 Jan Gaspar, 2013 Paul A. Bristow
Copyright (c) 2003-2008 Matthias Christian Schabel
Copyright (c) 2003-2008 Peter Dimov
Copyright (c) 2003-2009 Matthias Christian Schabel
Copyright (c) 2003-2010 <a href contact.html'>Andreas
Copyright (c) 2003-2010 Christopher M. Kohlhoff
Copyright (c) 2003-2010 Thorsten Ottosen, Neil Groves
Copyright (c) 2003-2011 Christopher M. Kohlhoff
Copyright (c) 2003-2011 Hartmut Kaiser
Copyright (c) 2003-2011 Joel de Guzman
Copyright (c) 2003-2013 Christopher M. Kohlhoff
Copyright (c) 2003-2013 Hartmut Kaiser.
Copyright (c) 2003-2013 Jan Gaspar
Copyright (c) 2003-2013 Peter Dimov
Copyright (c) 2003-2015 Boost.Test contributors
Copyright (c) 2003-2017 Christopher M. Kohlhoff
Copyright (c) 2003-2017 Christopher M. Kohlhoff
Copyright (c) 2003-7 John Maddock
Copyright (c) 2003. Pedro Ferreira
Copyright (c) 2003. Vladimir Prus
Copyright (c) 2004 <A HREF http://www.boost.org/people/doug_gregor.html'>Douglas
Copyright (c) 2004 <A HREF http://www.cs.rpi.edu/~beevek/'>Kristopher Beevers , Rensselaer Polytechnic Institute
Copyright (c) 2004 <a href http://www.boost.org/people/doug_gregor.html'>Doug
Copyright (c) 2004 <a href http://www.boost.org/people/doug_gregor.html'>Douglas
Copyright (c) 2004 Andrei Polushin
Copyright (c) 2004 Angus Leeming
Copyright (c) 2004 Arkadiy Vertleyb
Copyright (c) 2004 Arkadiy Vertleyb Use
Copyright (c) 2004 Beman Dawes
Copyright (c) 2004 Chris Hoeppler
Copyright (c) 2004 CrystalClear Software, Inc.
Copyright (c) 2004 Daniel Wallin
Copyright (c) 2004 Eric Niebler
Copyright (c) 2004 Guillaume Melquiond
Copyright (c) 2004 Hartmut Kaiser
Copyright (c) 2004 Jeremy Siek <jsiek@cs.indiana.edu>
Copyright (c) 2004 Joao Abecasis
Copyright (c) 2004 Joel de Guzman
Copyright (c) 2004 John Maddock
Copyright (c) 2004 Jonathan Brandmeyer Use
Copyright (c) 2004 Kris Beevers
Copyright (c) 2004 Kristopher Beevers
Copyright (c) 2004 Martin Wille
Copyright (c) 2004 Michael Stevens Use
Copyright (c) 2004 Peder Holt Use
Copyright (c) 2004 Peter Dimov
Copyright (c) 2004 Ralf Mattethat
Copyright (c) 2004 Robert Ramey, Indiana University
Copyright (c) 2004 Stefan Slapeta
Copyright (c) 2004 The Trustees of Indiana University
Copyright (c) 2004 The Trustees of Indiana University.
Copyright (c) 2004 Toon Knapen
Copyright (c) 2004 Trustees of Indiana University
Copyright (c) 2004 Trustees of Indiana University Jeremiah Willcock, Indiana University
Copyright (c) 2004 Vladimir Prus.

Copyright (c) 2004 Vyacheslav E. Andrejev
Copyright (c) 2004, 2005 Arkadiy Vertleyb
Copyright (c) 2004, 2005 Arkadiy Vertleyb Use
Copyright (c) 2004, 2005 Arkadiy Vertleyb, Peder Holt
Copyright (c) 2004, 2005 Free Software Foundation, Inc.
Copyright (c) 2004, 2005 Peter Dimov
Copyright (c) 2004, 2005 The Trustees of Indiana University
Copyright (c) 2004, 2005 The Trustees of Indiana University.
Copyright (c) 2004, 2005, 2006, 2007, 2008 The Trustees of Indiana University.
Copyright (c) 2004, 2005, 2009 Peter Dimov
Copyright (c) 2004, 2010 <A HREF http://www.boost.org/people/doug_gregor.html>Doug
Copyright (c) 2004, 2010 Trustees of Indiana University
Copyright (c) 2004, 2010 Trustees of Indiana University Jeremiah Willcock, Indiana University
Copyright (c) 2004,2009 The Trustees of Indiana University.
Copyright (c) 2004-2005 Andrei Polushin
Copyright (c) 2004-2005 CrystalClear Software, Inc.
Copyright (c) 2004-2005 Guillaume Melquiond, ENS Lyon
Copyright (c) 2004-2006 The Trustees of Indiana University.
Copyright (c) 2004-2007 Fernando Luis Cacciola Carballal
Copyright (c) 2004-2007 Tobias Schwinger
Copyright (c) 2004-2008 The Trustees of Indiana University.
Copyright (c) 2004-2008 The Trustees of Indiana University. Use
Copyright (c) 2004-2009 The Trustees of Indiana University.
Copyright (c) 2004-2009 The Trustees of Indiana University. Use
Copyright (c) 2004-2009 Trustees of Indiana University
Copyright (c) 2004-2010 Michael Stevens, David Bellot Use
Copyright (c) 2004-2011 Michael Stevens, David Bellot Use
Copyright (c) 2005 2006 Joel de Guzman
Copyright (c) 2005 <A HREF http://www.boost.org/people/doug_gregor.html>Doug
Copyright (c) 2005 Aaron Windsor
Copyright (c) 2005 Alexey Pakhunov
Copyright (c) 2005 Alexey Pakhunov.
Copyright (c) 2005 Arkadiy Vertleyb
Copyright (c) 2005 Arkadiy Vertleyb Use
Copyright (c) 2005 Arkadiy Vertleyb, Peder Holt. Use
Copyright (c) 2005 Carl Barron.
Copyright (c) 2005 CrystalClear Software, Inc.
Copyright (c) 2005 Dan Marsden
Copyright (c) 2005 Douglas Gregor
Copyright (c) 2005 Douglas Gregor.
Copyright (c) 2005 Eric Niebler
Copyright (c) 2005 Free Software Foundation, Inc.
Copyright (c) 2005 Hewlett-Packard Development Company
Copyright (c) 2005 Igor Chesnokov
Copyright (c) 2005 Ion Gaztanaga
Copyright (c) 2005 Jeremiah Willcock, Indiana University
Copyright (c) 2005 Joao Abecasis
Copyright (c) 2005 Joel de Guzman
Copyright (c) 2005 John Maddock
Copyright (c) 2005 Jong Soo Park
Copyright (c) 2005 JongSoo Park, Stanford University
Copyright (c) 2005 Jordan DeLong
Copyright (c) 2005 Markus Schoepflin
Copyright (c) 2005 Matthew Calabrese
Copyright (c) 2005 Olaf Krzikalla
Copyright (c) 2005 Peder Holt
Copyright (c) 2005 Peter Dimov
Copyright (c) 2005 Peter Dimov.
Copyright (c) 2005 Reece H. Dunn.
Copyright (c) 2005 Stefan Arentz
Copyright (c) 2005 The Trustees of Indiana University.
Copyright (c) 2005 Thomas Guest
Copyright (c) 2005 Trustees of Indiana University
Copyright (c) 2005 Vladimir Prus
Copyright (c) 2005 Vladimir Prus.
Copyright (c) 2005 Voipster
Copyright (c) 2005 by Pearson Education, Inc.
Copyright (c) 2005, 2006 Douglas Gregor
Copyright (c) 2005, 2006 Douglas Gregor.
Copyright (c) 2005, 2006 Eric Niebler
Copyright (c) 2005, 2006 The Trustees of Indiana University.
Copyright (c) 2005, 2007 Douglas Gregor
Copyright (c) 2005, 2008 Peter Dimov
Copyright (c) 2005, 2010 Trustees of Indiana University
Copyright (c) 2005, 2010 Vladimir Prus.
Copyright (c) 2005, 2014 Eric Niebler
Copyright (c) 2005, 2014 Peter Dimov
Copyright (c) 2005, Fernando Luis Cacciola Carballal.
Copyright (c) 2005-2006 Alain Miniussi
Copyright (c) 2005-2006 Dan Marsden
Copyright (c) 2005-2006 Danny Havenith
Copyright (c) 2005-2006 Douglas Gregor
Copyright (c) 2005-2006 Douglas Gregor <doug.gregor@gmail.com>
Copyright (c) 2005-2006 Douglas Gregor <doug.gregor@gmail.com>.
Copyright (c) 2005-2006 Joao Abecasis
Copyright (c) 2005-2006 Matthias Troyer
Copyright (c) 2005-2006 The Trustees of Indiana University.
Copyright (c) 2005-2006 The Trustees of Indiana University. Use
Copyright (c) 2005-2007 Dan Marsden
Copyright (c) 2005-2007 Douglas Gregor, Matthias Troyer, Trustees of Indiana University

Copyright (c) 2005-2007 Hartmut Kaiser 2007, 2009 Tim Blechmann
Copyright (c) 2005-2007 Joel de Guzman
Copyright (c) 2005-2007 Peder Holt
Copyright (c) 2005-2008 Daniel James
Copyright (c) 2005-2008 Daniel James.
Copyright (c) 2005-2008 Hartmut Kaiser
Copyright (c) 2005-2008 The Trustees of Indiana University.
Copyright (c) 2005-2009 Jongsoo Park
Copyright (c) 2005-2009 The Trustees of Indiana University.
Copyright (c) 2005-2009 Trustees of Indiana University
Copyright (c) 2005-2010 Hartmut Kaiser
Copyright (c) 2005-2010 Joel de Guzman
Copyright (c) 2005-2010 The Trustees of Indiana University.
Copyright (c) 2005-2010 Vladimir Prus.
Copyright (c) 2005-2011 Daniel James.
Copyright (c) 2005-2011 Joel de Guzman
Copyright (c) 2005-2012 Ion Gaztanaga
Copyright (c) 2005-2012 Joel de Guzman
Copyright (c) 2005-2013 Joel de Guzman
Copyright (c) 2005-2015 Ion Gaztanaga
Copyright (c) 2005-2016 Daniel James
Copyright (c) 2005-2016 Rene Rivera
Copyright (c) 2005-2017 Christopher M. Kohlhoff
Copyright (c) 2006
Copyright (c) 2006 <a href mailto address >
Copyright (c) 2006 Arkadiy Vertleyb
Copyright (c) 2006 Arkadiy Vertleyb Use
Copyright (c) 2006 Bojan Resnik
Copyright (c) 2006 Bojan Resnik.
Copyright (c) 2006 CrystalClear Software, Inc.
Copyright (c) 2006 Dan Marsden
Copyright (c) 2006 Daniel Wallin
Copyright (c) 2006 Douglas Gregor
Copyright (c) 2006 Douglas Gregor <doug.gregor@gmail.com>
Copyright (c) 2006 Douglas Gregor.
Copyright (c) 2006 Eric Niebler
Copyright (c) 2006 Free Software Foundation, Inc.
Copyright (c) 2006 Ilya Sokolov
Copyright (c) 2006 Ilya Sokolov.
Copyright (c) 2006 Ion Gaztanaga
Copyright (c) 2006 Joao Abecasis
Copyright (c) 2006 Joel de Guzman
Copyright (c) 2006 Johan Rade
Copyright (c) 2006 John Maddock
Copyright (c) 2006 John Maddock Use
Copyright (c) 2006 Jurgen Hunold
Copyright (c) 2006 Marcin Kalicinski
Copyright (c) 2006 Michael Stevens Use
Copyright (c) 2006 Michael van der Westhuizen
Copyright (c) 2006 Peder Holt Use
Copyright (c) 2006 Peter Dimov
Copyright (c) 2006 Piotr Wyderski
Copyright (c) 2006 Rene Rivera
Copyright (c) 2006 Rene Rivera.
Copyright (c) 2006 Stephan Diederich
Copyright (c) 2006 Stephen Nutt
Copyright (c) 2006 Steven Watanabe
Copyright (c) 2006 The Trustees of Indiana University
Copyright (c) 2006 The Trustees of Indiana University.
Copyright (c) 2006 Tiago de Paula Peixoto
Copyright (c) 2006 Tobias Schwinger
Copyright (c) 2006 Tomas Puerle
Copyright (c) 2006 Trustees of Indiana University
Copyright (c) 2006 Trustees of Indiana University Authors Douglas Gregor and Jeremy Siek
Copyright (c) 2006 Vladimir Prus
Copyright (c) 2006 Vladimir Prus.
Copyright (c) 2006 Xiaogang Zhang
Copyright (c) 2006 Xiaogang Zhang Use
Copyright (c) 2006 Xiaogang Zhang, 2015 John Maddock Use
Copyright (c) 2006 Xiaogang Zhang, 2015 John Maddock. Use
Copyright (c) 2006, 2007 Julio M. Merino Vidal
Copyright (c) 2006, 2007 Marcin Kalicinski
Copyright (c) 2006, 2007 Matthew Calabrese
Copyright (c) 2006, 2008 Beman Dawes
Copyright (c) 2006, 2009 Marcin Kalicinski
Copyright (c) 2006, 2009 Marcin Kalicinski See
Copyright (c) 2006, Stephan Diederich
Copyright (c) 2006- webbot bot
Copyright (c) 2006-2007 Matias Capeletto
Copyright (c) 2006-2007 Tobias Schwinger
Copyright (c) 2006-2008
Copyright (c) 2006-2008 Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2006-2008 Johan Rade Use
Copyright (c) 2006-2009
Copyright (c) 2006-2009 Dmitry Bufistov and Andrey Parfenov
Copyright (c) 2006-2009 Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2006-2009 by Emil Dotchevski and Reverge Studios, Inc.
Copyright (c) 2006-2009, 2012 Alexander Nasonov
Copyright (c) 2006-2010 Alexander Nasonov
Copyright (c) 2006-2010 Emil Dotchevski and Reverge Studios, Inc.

Copyright (c) 2006-2010 The Trustees of Indiana University.
Copyright (c) 2006-2010, 2012-2014 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christopher Kormanyos, Hu
Copyright (c) 2006-2010, 2012-2014 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christopher Kormanyos, Hu
Copyright (c) 2006-2012 Alexander Nasonov, Lorenzo Caminiti
Copyright (c) 2006-2012 Julio M. Merino Vidal, Ilya Sokolov, Felipe Tanus, Jeff Flinn, Boris Schaeling
Copyright (c) 2006-2012 Matias Capeletto
Copyright (c) 2006-2013 Emil Dotchevski and Reverage Studios, Inc.
Copyright (c) 2006-2013 Ion Gaztanaga
Copyright (c) 2006-2015 Emil Dotchevski and Reverage Studios, Inc.
Copyright (c) 2006-2015 Ion Gaztanaga
Copyright (c) 2006-7 John Maddock Use
Copyright (c) 2006. Vladimir Prus
Copyright (c) 2007
Copyright (c) 2007 -11 Anthony Williams
Copyright (c) 2007 Aaron Windsor
Copyright (c) 2007 Alexey Baskakov
Copyright (c) 2007 Anthony Williams
Copyright (c) 2007 Bjorn Roald Use
Copyright (c) 2007 Dan Marsden
Copyright (c) 2007 David Jenkins
Copyright (c) 2007 Douglas Gregor
Copyright (c) 2007 Douglas Gregor <doug.gregor@gmail.com>
Copyright (c) 2007 Douglas Gregor Authours Douglas Gregor and Andrew Lumsdaine
Copyright (c) 2007 Douglas Gregor Use
Copyright (c) 2007 Douglas Gregor and Matthias Troyer
Copyright (c) 2007 Eric Niebler
Copyright (c) 2007 Frank Mori Hess <fmhess@users.sourceforge.net>
Copyright (c) 2007 Free Software Foundation, Inc
Copyright (c) 2007 Hartmut Kaiser
Copyright (c) 2007 Joel de Guzman
Copyright (c) 2007 John Maddock Use
Copyright (c) 2007 John Maddock, Joel de Guzman, Eric Niebler and Matias Capeletto
Copyright (c) 2007 Joseph Gauterin
Copyright (c) 2007 Marcin Kalicinski
Copyright (c) 2007 Matthias Troyer
Copyright (c) 2007 Matthias Troyer <troyer@boost-consulting.com>
Copyright (c) 2007 Peder Holt
Copyright (c) 2007 Peter Dimov
Copyright (c) 2007 Rene Rivera
Copyright (c) 2007 The Trustees of Indiana University.
Copyright (c) 2007 Tobias Schwinger
Copyright (c) 2007 Trustees of Indiana University
Copyright (c) 2007 by Frank Mori Hess <fmhess@users.sourceforge.net>
Copyright (c) 2007, 2008 Joseph Gauterin
Copyright (c) 2007, 2008 Peter Dimov
Copyright (c) 2007, 2008 Steven Watanabe, Joseph Gauterin, Niels Dekker
Copyright (c) 2007, 2008 Tobias Schwinger
Copyright (c) 2007, 2008, 2012 Peter Dimov
Copyright (c) 2007, 2013 John Maddock
Copyright (c) 2007, 2013 Peter Dimov
Copyright (c) 2007, 2013, 2015 Peter Dimov
Copyright (c) 2007, 2014 Peter Dimov
Copyright (c) 2007, Tobias Schwinger.
Copyright (c) 2007-2008 Dario Senic, Jurko Gospodnetic.
Copyright (c) 2007-2008 Joseph Gauterin
Copyright (c) 2007-2008 Steven Watanabe
Copyright (c) 2007-2008 The Trustees of Indiana University.
Copyright (c) 2007-2008 Tobias Schwinger
Copyright (c) 2007-2009 Andrew Sutton
Copyright (c) 2007-2009 Ben Hanson
Copyright (c) 2007-2009 Frank Mori Hess
Copyright (c) 2007-2009 Joachim Faulhaber
Copyright (c) 2007-2009 Steven Watanabe
Copyright (c) 2007-2010 Hartmut Kaiser
Copyright (c) 2007-2010 Joachim Faulhaber
Copyright (c) 2007-2010 Steven Watanabe
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam
Copyright (c) 2007-2011 Hartmut Kaiser
Copyright (c) 2007-2011 Joachim Faulhaber
Copyright (c) 2007-2012 Barend Gehrels, Amsterdam
Copyright (c) 2007-2012 Joachim Faulhaber
Copyright (c) 2007-2013 Barend Gehrels, Amsterdam
Copyright (c) 2007-2014 Barend Gehrels, Amsterdam
Copyright (c) 2007-2015 Barend Gehrels, Amsterdam
Copyright (c) 2007-2016 Andrey Semashev
Copyright (c) 2007-2016 Barend Gehrels, Amsterdam
Copyright (c) 2007-2017 Rene Rivera
Copyright (c) 2007-8 Anthony Williams
Copyright (c) 2007-9 Anthony Williams
Copyright (c) 2008 - 2010 Joseph Gauterin, Niels Dekker
Copyright (c) 2008 Anthony Williams
Copyright (c) 2008 Beman Dawes
Copyright (c) 2008 Beman Dawes, Rene Rivera
Copyright (c) 2008 Christopher M. Kohlhoff
Copyright (c) 2008 Dan Marsden
Copyright (c) 2008 Eric Niebler
Copyright (c) 2008 Eric Niebler.
Copyright (c) 2008 Federico J. Fernandez.
Copyright (c) 2008 Francois Barel
Copyright (c) 2008 Frank Mori Hess

Copyright (c) 2008 Gennaro Prota
Copyright (c) 2008 Howard Hinnant
Copyright (c) 2008 Ilya Sokolov, Boris Schaeling
Copyright (c) 2008 Ion Gaztanaga
Copyright (c) 2008 John Maddock
Copyright (c) 2008 Joseph Gauterin
Copyright (c) 2008 Joseph Gauterin, Niels Dekker
Copyright (c) 2008 Jurko Gospodnetic
Copyright (c) 2008 Marcin Kalicinski
Copyright (c) 2008 Matthias Christian Schabel
Copyright (c) 2008 Matyas Egyhazy
Copyright (c) 2008 Michael Marcin
Copyright (c) 2008 N. Musatti Use
Copyright (c) 2008 Paul A. Bristow, John Maddock
Copyright (c) 2008 Peter Dimov
Copyright (c) 2008 Rep Invariant Systems, Inc.
Copyright (c) 2008 Roelof Naude
Copyright (c) 2008 Steven Watanabe
Copyright (c) 2008 Vicente J. Botet Escriba
Copyright (c) 2008 samaxes.com
Copyright (c) 2008, 2009 Niels Dekker
Copyright (c) 2008, 2009 Peter Dimov
Copyright (c) 2008, 2009, 2010, 2012 Paul A. Bristow, John Maddock
Copyright (c) 2008, 2009, 2016 Tim Blechmann
Copyright (c) 2008, 2011 John Maddock
Copyright (c) 2008, 2011 Peter Dimov
Copyright (c) 2008, 2014 Peter Dimov
Copyright (c) 2008, 2016 Tim Blechmann
Copyright (c) 2008,2012,2014 Vicente J. Botet Escriba
Copyright (c) 2008,2014 Vicente J. Botet Escriba
Copyright (c) 2008-2009 Ben Hanson
Copyright (c) 2008-2009 Emil Dotchevski and Reverage Studios, Inc.
Copyright (c) 2008-2009 Frank Mori Hess
Copyright (c) 2008-2009 Joachim Faulhaber
Copyright (c) 2008-2010
Copyright (c) 2008-2010 Hartmut Kaiser
Copyright (c) 2008-2010 Ion Gaztanaga
Copyright (c) 2008-2010 Joachim Faulhaber
Copyright (c) 2008-2010 Marcin Kalicinski
Copyright (c) 2008-2011 Bruno Lalande, Paris, France
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2008-2011 Daniel James.
Copyright (c) 2008-2011 Hartmut Kaiser
Copyright (c) 2008-2011 Joachim Faulhaber
Copyright (c) 2008-2011 Tim Blechmann
Copyright (c) 2008-2012 Barend Gehrels, Amsterdam
Copyright (c) 2008-2012 Bruno Lalande , Paris, France.
Copyright (c) 2008-2012 Bruno Lalande, Paris, France.
Copyright (c) 2008-2012 Bruno Lalande, Paris, France. Use
Copyright (c) 2008-2012 Eric Niebler
Copyright (c) 2008-2012 Joachim Faulhaber
Copyright (c) 2008-2012 Simonson Lucanus.
Copyright (c) 2008-2013 Bruno Lalande, Paris, France.
Copyright (c) 2008-2013 Tim Blechmann
Copyright (c) 2008-2014 Barend Gehrels, Amsterdam
Copyright (c) 2008-2014 Bruno Lalande, Paris, France.
Copyright (c) 2008-2014 Ion Gaztanaga
Copyright (c) 2008-2015 Barend Gehrels, Amsterdam
Copyright (c) 2008-2015 Bruno Lalande, Paris, France.
Copyright (c) 2008-2015 Bruno Lalande, Paris, France. Use
Copyright (c) 2008-2016 Bruno Lalande, Paris, France.
Copyright (c) 2008-2016 Daniel James.
Copyright (c) 2008-2016 Emil Dotchevski and Reverage Studios, Inc.
Copyright (c) 2008-2016 Tim Blechmann
Copyright (c) 2008-2016 by Emil Dotchevski and Reverage Studios, Inc.
Copyright (c) 2008. Jurko Gospodnetic
Copyright (c) 2009 Andreas Haberstroh?
Copyright (c) 2009 Andrew Sutton
Copyright (c) 2009 Andrey Semashev Use
Copyright (c) 2009 Anthony Williams
Copyright (c) 2009 ArtVPS Ltd.
Copyright (c) 2009 Beman Dawes
Copyright (c) 2009 Ben Hanson
Copyright (c) 2009 Boris Schaeling
Copyright (c) 2009 Carl Barron
Copyright (c) 2009 Chris Hoeppler
Copyright (c) 2009 Christopher Schmidt
Copyright (c) 2009 Daniel James
Copyright (c) 2009 Dr John Maddock Use
Copyright (c) 2009 Edward Grace
Copyright (c) 2009 Eric Niebler
Copyright (c) 2009 Erik Bryan
Copyright (c) 2009 Francois Barel
Copyright (c) 2009 Frank Mori Hess
Copyright (c) 2009 Gunter Winkler
Copyright (c) 2009 Hartmut Kaiser
Copyright (c) 2009 Helge Bahmann
Copyright (c) 2009 Ion Gaztanaga
Copyright (c) 2009 Jan Gaspar
Copyright (c) 2009 Jean-Francois Ostiguy

Copyright (c) 2009 Joel de Guzman
Copyright (c) 2009 John Maddock
Copyright (c) 2009 John Maddock Use
Copyright (c) 2009 John Resig
Copyright (c) 2009 Matthias Vallentin
Copyright (c) 2009 Oliver Kowalke
Copyright (c) 2009 Pavel Baranov
Copyright (c) 2009 Peter Dimov
Copyright (c) 2009 Phil Endecott
Copyright (c) 2009 Ronald Garcia
Copyright (c) 2009 Sebastian Redl
Copyright (c) 2009 Steven Watanabe
Copyright (c) 2009 The Trustees of Indiana University.
Copyright (c) 2009 The Trustees of Indiana University. Use
Copyright (c) 2009 Tim Blechmann
Copyright (c) 2009 Tor Brede Vekterli
Copyright (c) 2009 Trustees of Indiana University
Copyright (c) 2009 Trustees of Indiana University Authors Jeremiah Willcock, Andrew Lumsdaine
Copyright (c) 2009 Trustees of Indiana University.
Copyright (c) 2009 Vladimir Prus
Copyright (c) 2009, 2010 Steven Watanabe
Copyright (c) 2009, 2011 Helge Bahmann
Copyright (c) 2009, 2013 Sebastian Redl
Copyright (c) 2009, 2015 Peter Dimov
Copyright (c) 2009, 2016 Tim Blechmann
Copyright (c) 2009, Gunter Winkler
Copyright (c) 2009, Marco Guazzone
Copyright (c) 2009, Spirent Communications, Inc.
Copyright (c) 2009-20010 Vicente J. Botet Escriba
Copyright (c) 2009-20012 Vicente J. Botet Escriba
Copyright (c) 2009-2009 Joachim Faulhaber
Copyright (c) 2009-2010 Christopher Schmidt
Copyright (c) 2009-2010 Hartmut Kaiser
Copyright (c) 2009-2010 Joachim Faulhaber
Copyright (c) 2009-2010 Mateusz Loskot, London
Copyright (c) 2009-2010 Sebastian Redl
Copyright (c) 2009-2010 Steven Watanabe
Copyright (c) 2009-2010, Marco Guazzone
Copyright (c) 2009-2011 Artyom Beilis
Copyright (c) 2009-2011 Christopher Schmidt
Copyright (c) 2009-2011 Gunter Winkler, David Bellot
Copyright (c) 2009-2011 Joachim Faulhaber
Copyright (c) 2009-2011 Mateusz Loskot, London
Copyright (c) 2009-2011 Vicente J. Botet Escriba
Copyright (c) 2009-2012 Barend Gehrels, Amsterdam
Copyright (c) 2009-2012 Bruno Lalande, Paris, France.
Copyright (c) 2009-2012 Lorenzo Caminiti
Copyright (c) 2009-2012 Mateusz Loskot (mateusz@loskot.net), London, UK
Copyright (c) 2009-2012 Mateusz Loskot, London
Copyright (c) 2009-2012 Vicente J. Botet Escriba
Copyright (c) 2009-2012, Marco Guazzone
Copyright (c) 2009-2013 Ion
Copyright (c) 2009-2013 Karsten Ahnert
Copyright (c) 2009-2013 Mario Mulansky
Copyright (c) 2009-2013 Mateusz Loskot, London
Copyright (c) 2009-2013 Tim Blechmann
Copyright (c) 2009-2013 Vicente J. Botet Escriba
Copyright (c) 2009-2014 Barend Gehrels, Amsterdam
Copyright (c) 2009-2014 Bruno Lalande, Paris, France.
Copyright (c) 2009-2014 Mateusz Loskot, London
Copyright (c) 2009-2015 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2009-2015 Artyom Beilis
Copyright (c) 2009-2015 Barend Gehrels, Amsterdam
Copyright (c) 2009-2015 Bruno Lalande, Paris, France.
Copyright (c) 2009-2015 Ion Gaztanaga
Copyright (c) 2009-2015 Karsten Ahnert and Mario Mulansky
Copyright (c) 2009-2015 Mateusz Loskot, London
Copyright (c) 2009-2015 Vicente J. Botet Escriba
Copyright (c) 2009-2016 Mateusz Loskot, London
Copyright (c) 2009-2016 Vladimir Batov
Copyright (c) 2009-2016 Vladimir Batov.
Copyright (c) 2009-2016 Vladimir Batov. Use
Copyright (c) 2009-2017 Barend Gehrels, Amsterdam
Copyright (c) 2009-2017 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle
Copyright (c) 2009-2017 Barend Gehrels, Geodan, Amsterdam
Copyright (c) 2009-2017 Bruno Lalande, Paris, France.
Copyright (c) 2009-2017 Mateusz Loskot <mateusz@loskot.net>
Copyright (c) 2009-2017 Mateusz Loskot, London
Copyright (c) 2010 Alfredo Correa
Copyright (c) 2010 Artyom Beilis
Copyright (c) 2010 Athanasios Iliopoulos
Copyright (c) 2010 Barend Gehrels, Amsterdam
Copyright (c) 2010 Beman Dawes
Copyright (c) 2010 Bryce Lelbach
Copyright (c) 2010 Carl Philipp Reh
Copyright (c) 2010 Chris Hoeppler
Copyright (c) 2010 Christophe Henry
Copyright (c) 2010 Christopher Schmidt
Copyright (c) 2010 Cowboy Ben Alman
Copyright (c) 2010 Daniel James

Copyright (c) 2010 Daniel Trebbien. Use
Copyright (c) 2010 Edward Diener Use
Copyright (c) 2010 Eric Jourdanneau, Joel Falcou
Copyright (c) 2010 Eric Niebler
Copyright (c) 2010 Felipe Tanus, Boris Schaeling
Copyright (c) 2010 Gevorg Voskanyan
Copyright (c) 2010 Gordon Woodhull
Copyright (c) 2010 Hartmut Kaiser
Copyright (c) 2010 Head Geek
Copyright (c) 2010 Helge Bahmann
Copyright (c) 2010 Ilya
Copyright (c) 2010 Intel Corporation
Copyright (c) 2010 Jeroen Habraken
Copyright (c) 2010 Joel de Guzman
Copyright (c) 2010 John Maddock
Copyright (c) 2010 Josh Wilson
Copyright (c) 2010 Larry Evans
Copyright (c) 2010 Lars Kielhorn
Copyright (c) 2010 Mateusz Loskot
Copyright (c) 2010 Mathias Gaunard
Copyright (c) 2010 Matthias Walter
Copyright (c) 2010 Matthias Walter (xammy@xammy.homelinux.net)
Copyright (c) 2010 Michael Caisse
Copyright (c) 2010 Neil Groves
Copyright (c) 2010 Nuovation System Designs, LLC Grant Erickson <gerickson@nuovations.com>
Copyright (c) 2010 Olaf Peter
Copyright (c) 2010 Paul A. Bristow
Copyright (c) 2010 Peder Holt Use
Copyright (c) 2010 Peter Schueller
Copyright (c) 2010 Sergey GooRoo Olendarenko
Copyright (c) 2010 Steven Watanabe
Copyright (c) 2010 Thomas Heller
Copyright (c) 2010 Tim Blechmann
Copyright (c) 2010 Trustees of Indiana University
Copyright (c) 2010 Vicente Botet
Copyright (c) 2010 Vladimir Prus.
Copyright (c) 2010, 2011 Daniel James
Copyright (c) 2010, 2011 Tim Blechmann
Copyright (c) 2010, 2012 Christopher Schmidt
Copyright (c) 2010, 2012 Christopher Schmidt, Nathan Ridge
Copyright (c) 2010, Trustees of Indiana University
Copyright (c) 2010-2010 Joachim Faulhaber
Copyright (c) 2010-2011 Bryce Lebach
Copyright (c) 2010-2011 Bryce Lebach blebach@cct.lsu.edu
Copyright (c) 2010-2011 Christopher Schmidt
Copyright (c) 2010-2011 Daniel James
Copyright (c) 2010-2011 David Bellot
Copyright (c) 2010-2011 Joachim Faulhaber
Copyright (c) 2010-2011 Thomas Heller
Copyright (c) 2010-2011 Tim Blechmann
Copyright (c) 2010-2012 Barend Gehrels, Amsterdam
Copyright (c) 2010-2012 Marshall Clow
Copyright (c) 2010-2012 Mateusz Loskot , Cadcorp, London
Copyright (c) 2010-2012 Mateusz Loskot, London
Copyright (c) 2010-2013 Barend Gehrels, Amsterdam
Copyright (c) 2010-2013 Sebastian Redl
Copyright (c) 2010-2013 Thomas Heller
Copyright (c) 2010-2015 Barend Gehrels, Amsterdam
Copyright (c) 2010-2017 Tropic Software East Inc
Copyright (c) 2011 ! Brandon Kohn
Copyright (c) 2011 -16 Vicente J. Botet Escriba
Copyright (c) 2011 Aaron Graham
Copyright (c) 2011 Antony Polukhin
Copyright (c) 2011 Boris Schaeling (boris@highscore.de)
Copyright (c) 2011 Brandon Kohn
Copyright (c) 2011 Brian O'Kennedy
Copyright (c) 2011 Bryce Lebach
Copyright (c) 2011 Christopher Jefferson
Copyright (c) 2011 Christopher M. Kohlhoff
Copyright (c) 2011 Colin Rundel
Copyright (c) 2011 Daniel James
Copyright (c) 2011 David Bellot
Copyright (c) 2011 Dean Michael Berries
Copyright (c) 2011 Emil Dotchevski
Copyright (c) 2011 Eric Niebler
Copyright (c) 2011 Francois Mauger
Copyright (c) 2011 Hannes Hofmann
Copyright (c) 2011 Hartmut Kaiser
Copyright (c) 2011 Helge Bahmann
Copyright (c) 2011 Jamboree
Copyright (c) 2011 Jan Frederick Eick
Copyright (c) 2011 Jeff Flinn, Boris Schaeling
Copyright (c) 2011 Jeroen Habraken
Copyright (c) 2011 Joel de Guzman
Copyright (c) 2011 Joerg Becker
Copyright (c) 2011 John Maddock
Copyright (c) 2011 John Maddock Use
Copyright (c) 2011 Julio Hoffmann.
Copyright (c) 2011 Juraj Ivancic
Copyright (c) 2011 Kwan Ting Chan

Copyright (c) 2011 Laurent Gomila
Copyright (c) 2011 Matthias Born
Copyright (c) 2011 Michael Caisse
Copyright (c) 2011 Nathan Ridge
Copyright (c) 2011 Paul A. Bristow
Copyright (c) 2011 Paul A. Bristow To
Copyright (c) 2011 Paul Heil
Copyright (c) 2011 Robert Nelson
Copyright (c) 2011 Roji Philip
Copyright (c) 2011 Ryan Molden
Copyright (c) 2011 Steven Watanabe
Copyright (c) 2011 Takaya Saito Use
Copyright (c) 2011 Thomas Bernard
Copyright (c) 2011 Thomas Heller
Copyright (c) 2011 Tim Blechmann
Copyright (c) 2011 Vicente J. Botet Escriba
Copyright (c) 2011 by Beman
Copyright (c) 2011, 2012 Jeff Flinn, Boris Schaeling
Copyright (c) 2011, 2012 Lorenzo Caminiti
Copyright (c) 2011, 2013 Daniel James
Copyright (c) 2011, 2013 Jeremiah Willcock
Copyright (c) 2011, 2016 Tim Blechmann
Copyright (c) 2011,2013 Daniel James
Copyright (c) 2011,2014 Vicente J. Botet Escriba
Copyright (c) 2011-2011 Joachim Faulhaber
Copyright (c) 2011-2012 ! Brandon Kohn
Copyright (c) 2011-2012 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2011-2012 Adam Wulkiewicz.
Copyright (c) 2011-2012 Akira Takahashi
Copyright (c) 2011-2012 Barend Gehrels, Amsterdam
Copyright (c) 2011-2012 Bruno Lalande, Paris, France.
Copyright (c) 2011-2012 Marshall Clow
Copyright (c) 2011-2012 Mateusz Loskot, London
Copyright (c) 2011-2012 Thomas Bernard
Copyright (c) 2011-2012 Vicente J. Botet Escriba
Copyright (c) 2011-2013 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2011-2013 Adam Wulkiewicz.
Copyright (c) 2011-2013 Andrew Hundt.
Copyright (c) 2011-2013 Barend Gehrels, Amsterdam
Copyright (c) 2011-2013 Daniel James
Copyright (c) 2011-2013 Steven Watanabe
Copyright (c) 2011-2013 Tim Blechmann
Copyright (c) 2011-2013 Tropic Software East Inc
Copyright (c) 2011-2013 Vicente J. Botet Escriba
Copyright (c) 2011-2013, 2016 Tim Blechmann
Copyright (c) 2011-2014 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2011-2014 Adam Wulkiewicz.
Copyright (c) 2011-2014 Antony Polukhin
Copyright (c) 2011-2014 Barend Gehrels, Amsterdam
Copyright (c) 2011-2014 Bruno Lalande, Paris, France.
Copyright (c) 2011-2015 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2011-2015 Akira Takahashi
Copyright (c) 2011-2015 Barend Gehrels, Amsterdam
Copyright (c) 2011-2015 Bruno Lalande, Paris, France.
Copyright (c) 2011-2016 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2011-2017 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2011-2017 Adam Wulkiewicz.
Copyright (c) 2011-2017 Antony Polukhin
Copyright (c) 2012 - 2014 Andrey Semashev
Copyright (c) 2012 Agustin K-ballo Berge
Copyright (c) 2012 Anthony Williams
Copyright (c) 2012 Antony Polukhin
Copyright (c) 2012 Barend Gehrels, Amsterdam
Copyright (c) 2012 Benjamin Schindler
Copyright (c) 2012 Boris Schaeling
Copyright (c) 2012 Bruno Lalande, Paris, France.
Copyright (c) 2012 Daniel James
Copyright (c) 2012 David Bailey
Copyright (c) 2012 David Stone
Copyright (c) 2012 Fernando Vilas
Copyright (c) 2012 Flavio De Lorenzi
Copyright (c) 2012 Hartmut Kaiser
Copyright (c) 2012 Joel
Copyright (c) 2012 Joel de Guzman
Copyright (c) 2012 John Maddock Use
Copyright (c) 2012 Kohei Takahashi
Copyright (c) 2012 Lorenzo Caminiti
Copyright (c) 2012 Louis Dionne
Copyright (c) 2012 Marshall Clow
Copyright (c) 2012 Mateusz Loskot, London
Copyright (c) 2012 Michele Caini
Copyright (c) 2012 Nathan Ridge
Copyright (c) 2012 Orlando Wingbrant
Copyright (c) 2012 Oswin Krause
Copyright (c) 2012 Paul A. Bristow
Copyright (c) 2012 Peter Dimov
Copyright (c) 2012 Pieter Bastiaan Ober
Copyright (c) 2012 Steven Watanabe
Copyright (c) 2012 Steven Watanabe 2014 Oliver Kowalke
Copyright (c) 2012 Tim Blechmann

Copyright (c) 2012 Trustees of Indiana University
Copyright (c) 2012 Vicente Botet
Copyright (c) 2012 Vicente J. Botet Escriba
Copyright (c) 2012 yyyy yyyy
Copyright (c) 2012, 2015 Peter Dimov
Copyright (c) 2012, Flavio De Lorenzi
Copyright (c) 2012, Marco Guazzone
Copyright (c) 2012, Michele Caini.
Copyright (c) 2012-2012 Andrii Sydorчук.
Copyright (c) 2012-2013 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2012-2013 Adam Wulkiewicz, Lodz, Poland. Use
Copyright (c) 2012-2013 Andrew Hundt.
Copyright (c) 2012-2013 Vicente Botet
Copyright (c) 2012-2013 Vicente J. Botet Escriba
Copyright (c) 2012-2014 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2012-2014 Antony Polukhin
Copyright (c) 2012-2014 Barend Gehrels, Amsterdam
Copyright (c) 2012-2014 Bruno Lalande, Paris, France.
Copyright (c) 2012-2014 Kohei Takahashi
Copyright (c) 2012-2014 Mateusz Loskot, London
Copyright (c) 2012-2015 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2012-2015 Barend Gehrels, Amsterdam
Copyright (c) 2012-2016 Antony Polukhin
Copyright (c) 2012. Jurko Gospodnetic
Copyright (c) 2013 - 2014 Andrey Semashev
Copyright (c) 2013 Adam Wulkiewicz, Lodz, Poland
Copyright (c) 2013 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2013 Agustin Berge
Copyright (c) 2013 Alain Miniussi <alain.miniussi@oca.eu>
Copyright (c) 2013 Alberto Santini
Copyright (c) 2013 Alex Korobka
Copyright (c) 2013 Andreas Hehn <hehn@phys.ethz.ch>, ETH Zurich
Copyright (c) 2013 Andreas Pokorny
Copyright (c) 2013 Andrey Semashev
Copyright (c) 2013 Andrey Semashev.
Copyright (c) 2013 Anton Bikineev Use
Copyright (c) 2013 Antony Polukhin
Copyright (c) 2013 Antony Polukhin.
Copyright (c) 2013 Artifex Software, Inc.
Copyright (c) 2013 Barend Gehrels, Amsterdam
Copyright (c) 2013 Bjorn Roald
Copyright (c) 2013 Boost.Test contributors
Copyright (c) 2013 Bruno Lalande, Paris, France.
Copyright (c) 2013 Carl Barron
Copyright (c) 2013 Christopher Kormanyos Use
Copyright (c) 2013 Cromwell D. Enage
Copyright (c) 2013 Daniel James
Copyright (c) 2013 Eurodecision
Copyright (c) 2013 Eurodecision Authors Guillaume Pinot
Copyright (c) 2013 Jakob Lykke Andersen, University of Southern Denmark
Copyright (c) 2013 Jamboree
Copyright (c) 2013 Joaquim Duran
Copyright (c) 2013 John Maddock, Antony Polukhin
Copyright (c) 2013 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2013 Louis Dionne
Copyright (c) 2013 Maciej Piechotka
Copyright (c) 2013 Marshall Clow
Copyright (c) 2013 Mateusz Loskot
Copyright (c) 2013 Mateusz Loskot <mateusz@loskot.net>
Copyright (c) 2013 Mateusz Loskot, London
Copyright (c) 2013 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>
Copyright (c) 2013 Oliver Kowalke
Copyright (c) 2013 Paul A. Bristow
Copyright (c) 2013 Peter Dimov
Copyright (c) 2013 Piotr Wygocki, University of Warsaw
Copyright (c) 2013 Sebastian Redl
Copyright (c) 2013 Steven Benner
Copyright (c) 2013 Steven Watanabe
Copyright (c) 2013 Tim Blechmann
Copyright (c) 2013 Tim Blechmann ARM Code
Copyright (c) 2013 Tim Blechmann Linux-specific
Copyright (c) 2013 Vicente Botet
Copyright (c) 2013 Vicente J. Botet Escriba
Copyright (c) 2013, 2014 Barend Gehrels, Amsterdam
Copyright (c) 2013, 2014 Kyle Lutz
Copyright (c) 2013, Antony Polukhin.
Copyright (c) 2013, Jakob Lykke Andersen, University of Southern Denmark
Copyright (c) 2013, Petr Machata, Red Hat Inc.
Copyright (c) 2013,2014 Vicente J. Botet Escriba
Copyright (c) 2013,2015 Vicente J. Botet Escriba
Copyright (c) 2013-2014 Adam Wulkiewicz, Lodz, Poland
Copyright (c) 2013-2014 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2013-2014 Agustin Berge
Copyright (c) 2013-2014 Andrey Semashev
Copyright (c) 2013-2014 Antony Polukhin
Copyright (c) 2013-2014 Damien Buhl
Copyright (c) 2013-2014 Denis Demidov
Copyright (c) 2013-2014 Ion Gaztanaga
Copyright (c) 2013-2014 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2013-2014 Mageswaran.D

Copyright (c) 2013-2014 Rastko Anicic <anicic.rastko@gmail.com>
Copyright (c) 2013-2014 Vicente J. Botet Escriba
Copyright (c) 2013-2015 Adam Wulkiewicz, Lodz, Poland
Copyright (c) 2013-2015 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2013-2015 Antony Polukhin
Copyright (c) 2013-2015 Barend Gehrels, Amsterdam
Copyright (c) 2013-2015 Kyle Lutz
Copyright (c) 2013-2015 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2013-2015 Louis Dionne
Copyright (c) 2013-2016 Antony Polukhin
Copyright (c) 2013-2017 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2013-2017 Antony Polukhin
Copyright (c) 2014 - 2015 Andrzej Krzemienski.
Copyright (c) 2014 - 2016 Andrzej Krzemienski
Copyright (c) 2014 - 2016 Andrzej Krzemienski.
Copyright (c) 2014 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2014 Agustin Berge
Copyright (c) 2014 Ahmed Charles
Copyright (c) 2014 Andrey Semashev
Copyright (c) 2014 Andrzej Krzemie
Copyright (c) 2014 Andrzej Krzemienski
Copyright (c) 2014 Andrzej Krzemienski.
Copyright (c) 2014 Anton Bikineev Use
Copyright (c) 2014 Antony Polukhin
Copyright (c) 2014 Barend Gehrels, Amsterdam
Copyright (c) 2014 Benoit
Copyright (c) 2014 Benoit Dequidt <benoit.dequidt@gmail.com>
Copyright (c) 2014 Bruno Lalande, Paris, France.
Copyright (c) 2014 Christoph Weiss
Copyright (c) 2014 Denis Demidov
Copyright (c) 2014 Eric Niebler
Copyright (c) 2014 Erik Erlandson
Copyright (c) 2014 Fabian Kohler <fabian2804@googlemail.com>
Copyright (c) 2014 Glen Fernandes
Copyright (c) 2014 Glen Joseph Fernandes
Copyright (c) 2014 Ian Forbed
Copyright (c) 2014 Jamboree
Copyright (c) 2014 Joel de Guzman
Copyright (c) 2014 John Fletcher
Copyright (c) 2014 John Maddock
Copyright (c) 2014 Kohei Takahashi
Copyright (c) 2014 Kohei Takahashi.
Copyright (c) 2014 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2014 Lee Clagett
Copyright (c) 2014 Louis Dionne
Copyright (c) 2014 Mageswaran.D
Copyright (c) 2014 Mateusz Loskot, London
Copyright (c) 2014 Microsoft Corporation
Copyright (c) 2014 Oliver Kowalke
Copyright (c) 2014 Oracle
Copyright (c) 2014 Peter Dimov
Copyright (c) 2014 Pieter Bastiaan Ober
Copyright (c) 2014 Renato Tegon Forti, Antony Polukhin
Copyright (c) 2014 Renato Tegon Forti, Antony Polukhin.
Copyright (c) 2014 Rene Rivera
Copyright (c) 2014 Riccardo Marcangelo
Copyright (c) 2014 Richard Thomson. May
Copyright (c) 2014 Roshan
Copyright (c) 2014 Samuel Debionne, Grenoble, France.
Copyright (c) 2014 Steven Ross
Copyright (c) 2014 Thomas Bernard
Copyright (c) 2014 Vicente Botet
Copyright (c) 2014 Vicente J. Botet Escriba
Copyright (c) 2014, 2015 Andrzej Krzemienski.
Copyright (c) 2014, 2015 Peter Dimov
Copyright (c) 2014, 2016 andrzej
Copyright (c) 2014, Andrzej Krzemienski.
Copyright (c) 2014, Athanasios Iliopoulos
Copyright (c) 2014, Oracle
Copyright (c) 2014, andrzej
Copyright (c) 2014,2015 Vicente J. Botet Escriba
Copyright (c) 2014-2014 Ion Gaztanaga
Copyright (c) 2014-2015 Adam Wulkiewicz, Lodz, Poland
Copyright (c) 2014-2015 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2014-2015 Andrzej Krzemienski.
Copyright (c) 2014-2015 Antony Polukhin
Copyright (c) 2014-2015 Barend Gehrels, Amsterdam
Copyright (c) 2014-2015 Bruno Lalande, Paris, France.
Copyright (c) 2014-2015 John Fletcher
Copyright (c) 2014-2015 Kohei Takahashi
Copyright (c) 2014-2015 Mateusz Loskot, London
Copyright (c) 2014-2015 Oracle
Copyright (c) 2014-2015 Samuel Debionne, Grenoble, France.
Copyright (c) 2014-2015 Vicente J. Botet Escriba
Copyright (c) 2014-2015, Oracle
Copyright (c) 2014-2016 Andrzej Krzemie
Copyright (c) 2014-2016 Andrzej Krzemienski.
Copyright (c) 2014-2016 Oracle
Copyright (c) 2014-2016 Peter Dimov
Copyright (c) 2014-2016, Oracle

Copyright (c) 2014-2017 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2014-2017 Antony Polukhin
Copyright (c) 2014-2017 Glen Joseph Fernandes
Copyright (c) 2014-2017 Oracle
Copyright (c) 2014-2017, Oracle
Copyright (c) 2015 Abel Sinkovics
Copyright (c) 2015 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2015 Agustin K-ballo Berge
Copyright (c) 2015 Ahmed Charles
Copyright (c) 2015 Andrzej Krzemienski
Copyright (c) 2015 Andrzej Krzemienski.
Copyright (c) 2015 Antony Polukhin
Copyright (c) 2015 Artur Shepilko
Copyright (c) 2015 Artyom Beilis
Copyright (c) 2015 Barend Gehrels, Amsterdam
Copyright (c) 2015 Boost
Copyright (c) 2015 Boost.Test contributors
Copyright (c) 2015 Boost.Test team
Copyright (c) 2015 Charly Chevalier
Copyright (c) 2015 Daniel James
Copyright (c) 2015 Ion Gaztanaga
Copyright (c) 2015 Jakub Pola <jakub.pola@gmail.com>
Copyright (c) 2015 Jakub Szuppe <j.szuppe@gmail.com>
Copyright (c) 2015 Joel Falcou
Copyright (c) 2015 Joel de Guzman
Copyright (c) 2015 John Fletcher
Copyright (c) 2015 John Maddock
Copyright (c) 2015 John Maddock Use
Copyright (c) 2015 Klemens D. Morgenstern
Copyright (c) 2015 Kohei Takahashi
Copyright (c) 2015 Kohei Takahashi
Copyright (c) 2015 Kyle Lutz <kyle.r.lutz@gmail.com>
Copyright (c) 2015 Louis Dionne
Copyright (c) 2015 Mario Lang
Copyright (c) 2015 Michael Caisse
Copyright (c) 2015 Muhammad Junaid Muzammil <mjunaidmuzammil@gmail.com>
Copyright (c) 2015 Oracle
Copyright (c) 2015 Peter Dimov
Copyright (c) 2015 Raffi Enficiaud
Copyright (c) 2015 Rene Rivera
Copyright (c) 2015 Sebastian Redl
Copyright (c) 2015 Seth Heeren
Copyright (c) 2015 Stefan Seefeld
Copyright (c) 2015 Steven Watanabe
Copyright (c) 2015 Vicente Botet
Copyright (c) 2015 Vicente J. Botet Escriba
Copyright (c) 2015 by Ion Gaztanaga.
Copyright (c) 2015, 2016 Andrzej Krzemienski
Copyright (c) 2015, Andrzej Krzemienski.
Copyright (c) 2015, Oracle
Copyright (c) 2015-2016 Andrzej Krzemienski.
Copyright (c) 2015-2016 Antony Polukhin
Copyright (c) 2015-2016 Antony Polukhin.
Copyright (c) 2015-2016 Barend Gehrels, Amsterdam
Copyright (c) 2015-2016 Oracle
Copyright (c) 2015-2016, Oracle
Copyright (c) 2015-2017 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2015-2017 Oracle
Copyright (c) 2015-2017, Oracle
Copyright (c) 2016 Adam Wulkiewicz, Lodz, Poland.
Copyright (c) 2016 Adam Wulkiewicz, Lodz, Poland. Use
Copyright (c) 2016 Alexander Zaitsev
Copyright (c) 2016 Andrey Semashev
Copyright (c) 2016 Andrzej Krzemienski
Copyright (c) 2016 Andrzej Krzemienski.
Copyright (c) 2016 Antony Polukhin
Copyright (c) 2016 Antony Polukhin, Klemens Morgenstern
Copyright (c) 2016 Barend Gehrels, Amsterdam
Copyright (c) 2016 Chris Glover
Copyright (c) 2016 Edward Diener
Copyright (c) 2016 Jakub Szuppe <j.szuppe@gmail.com>
Copyright (c) 2016 Jason Rhinelander <jason@imaginary.ca>
Copyright (c) 2016 John Maddock
Copyright (c) 2016 K. Noel Belcourt
Copyright (c) 2016 Karolin Varner
Copyright (c) 2016 Klemens D. Morgenstern
Copyright (c) 2016 Kohei Takahashi
Copyright (c) 2016 Lee Clagett
Copyright (c) 2016 Mikhail Maximov
Copyright (c) 2016 Norbert Wenzel
Copyright (c) 2016 Oracle
Copyright (c) 2016 Peter Dimov
Copyright (c) 2016 Rene Rivera
Copyright (c) 2016 Stefan Seefeld
Copyright (c) 2016, Oracle
Copyright (c) 2016-2017 Antony Polukhin
Copyright (c) 2016-2017 Oracle
Copyright (c) 2016-2017, Oracle
Copyright (c) 2017 Adam Wulkiewicz, Lodz, Poland
Copyright (c) 2017 Adam Wulkiewicz, Lodz, Poland.

Copyright (c) 2017 Barend Gehrels, Amsterdam
Copyright (c) 2017 Bjorn Reese
Copyright (c) 2017 Daniel James
Copyright (c) 2017 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright (c) 2017 Hans Dembinski
Copyright (c) 2017 John Maddock Use
Copyright (c) 2017 Mikhail Maximov
Copyright (c) 2017 Oracle
Copyright (c) 2017 Peter Dimov
Copyright (c) 2017, Oracle
Copyright (c) 2024 John Fletcher
Copyright (c) Aaron Windsor 2007
Copyright (c) Aleksey Gurtovoy 2001-2009
Copyright (c) Aleksey Gurtovoy 2008-2009
Copyright (c) Aleksey Gurtovoy and David Abrahams, 2002-2004.
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.by>, 2016
Copyright (c) Alexander Zaitsev <zamazan4ik@gmail.com>, 2016
Copyright (c) Andre Hentz 2003.
Copyright (c) Andrii Sydorчук 2010-2012.
Copyright (c) Andrii Sydorчук 2010-2013.
Copyright (c) Antony Polukhin, 2012-2014.
Copyright (c) Antony Polukhin, 2012-2015.
Copyright (c) Antony Polukhin, 2012-2016.
Copyright (c) Antony Polukhin, 2013-2014.
Copyright (c) Antony Polukhin, 2013-2015.
Copyright (c) Antony Polukhin, 2013-2016.
Copyright (c) Antony Polukhin, 2013-2017.
Copyright (c) Beman Dawes 2011
Copyright (c) Beman Dawes 2015
Copyright (c) Beman Dawes, David Abrahams, 1999-2001.
Copyright (c) Ben Pope 2014.
Copyright (c) Benjamin Sobotta 2012
Copyright (c) Chris Glover, 2016.
Copyright (c) Christof Meerwald 2003
Copyright (c) Christopher Currie 2003.
Copyright (c) Christopher Diggins 2005
Copyright (c) Craig Rodrigues 2005.
Copyright (c) Dan Marsden
Copyright (c) Dan Watkins 2003
Copyright (c) Daniel Frey, 2002-2009.
Copyright (c) Daniel Trebbien 2010
Copyright (c) Date
Copyright (c) Date Joel de Guzman This
Copyright (c) David Abrahams 2001.
Copyright (c) David Doria 2012
Copyright (c) Douglas Gregor 2001-2005.
Copyright (c) Douglas Gregor 2001-2006.
Copyright (c) Douglas Gregor 2004
Copyright (c) Douglas Gregor 2008
Copyright (c) Eric Niebler 2005.
Copyright (c) Eric Niebler 2008.
Copyright (c) Fernando Vilas 2013
Copyright (c) Flavio De Lorenzi 2012
Copyright (c) Intel Corporation 2008-2010.
Copyright (c) Intel Corporation 2008.
Copyright (c) Jeremy Siek 2000
Copyright (c) Jeremy Siek 2000, 2001
Copyright (c) Jeremy Siek 2000-2001
Copyright (c) Jeremy Siek 2001
Copyright (c) Jeremy Siek 2001, Marc Wintermantel 2002
Copyright (c) Jeremy Siek 2001-2003.
Copyright (c) Jeremy Siek 2002
Copyright (c) Jeremy Siek and Andrew Lumsdaine
Copyright (c) Jeremy Siek and Andrew Lumsdaine 2000
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2000
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2001
Copyright (c) Jeremy Siek, Lie-Quan Lee, and Andrew Lumsdaine 2002
Copyright (c) Joachim Faulhaber 2009
Copyright (c) Joaquin M Lopez Munoz 2004.
Copyright (c) John Maddock and Paul A. Bristow 2009, 2010, 2012
Copyright (c) JongSoo Park 2005
Copyright (c) Kevlin Henney 2001
Copyright (c) Lie-Quan Lee and Jeremy Siek 2000, 2001
Copyright (c) Lie-Quan Lee and Jeremy Siek, 2001
Copyright (c) Maciej Piechotka 2013
Copyright (c) Markus Schoepflin 2005.
Copyright (c) Marshall Clow 2008-2012.
Copyright (c) Marshall Clow 2010-2012.
Copyright (c) Marshall Clow 2011-2012.
Copyright (c) Marshall Clow 2012-2012.
Copyright (c) Marshall Clow 2012-2015.
Copyright (c) Marshall Clow 2012.
Copyright (c) Marshall Clow 2013.
Copyright (c) Marshall Clow 2014.
Copyright (c) Marshall Clow 2017.
Copyright (c) Matyas Eghyazy 2008
Copyright (c) Michael Hansen 2009
Copyright (c) Microsoft Corporation
Copyright (c) Microsoft Corporation 2014

Copyright (c) Pablo Aguilar 2005
Copyright (c) Pieter Bastiaan Ober 2014.
Copyright (c) Piotr Wygocki 2013
Copyright (c) Reece H Dunn 2004
Copyright (c) The Trustees of Indiana University
Copyright (c) Thomas Witt 2002.
Copyright (c) Tobias Schwinger
Copyright (c) Trustees of Indiana University 2009
Copyright (c) Vladimir Batov 2009-2014
Copyright (c) Vladimir Batov 2009-2016
Copyright (c) Vladimir Prus 2002-2005.
Copyright (c) Vladimir Prus 2002.
Copyright (c) Vladimir Prus 2003
Copyright (c) Vladimir Prus 2003.
Copyright (c) Vladimir Prus 2005.
Copyright (c) Vladimir Prus 2006.
Copyright (c) Vladimir Prus 2007.
Copyright (c) Vladimir Prus 2010.
Copyright 1988, 1989 Hans-J. Boehm, Alan J. Demers
Copyright 1988,1989 Hans-J. Boehm and Alan J. Demers
Copyright 1991 by the Massachusetts Institute of Technology
Copyright 1993, 1995 Christopher Seiwald.
Copyright 1993, 2000 Christopher Seiwald.
Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.
Copyright 1994 Christopher Seiwald.
Copyright 1996 Silicon Graphics.
Copyright 1996, 1997, 1998, 1999, 2000, 2001, 2003, 2004, 2005 Free Software Foundation, Inc.
Copyright 1996, 1997, 1999, 2000 Free Software Foundation, Inc.
Copyright 1996-1999 by Silicon Graphics.
Copyright 1997, 1998, 1999, 2000 University of Notre Dame.
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Author Jeremy G. Siek
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek Doug Gregor
Copyright 1997, 1998, 1999, 2000 University of Notre Dame. Authors Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 1997-2001 University of Notre Dame.
Copyright 1997-2001 University of Notre Dame. Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 1997-2001 University of Notre Dame. Authors Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 1997-2001 University of Notre Dame. Authors Jeremy G. Siek, Lie-Quan Lee, Andrew Lumsdaine
Copyright 1997-2001 University of Notre Dame. Authors Lie-Quan Lee
Copyright 1997-2001 University of Notre Dame. Authors Lie-Quan Lee, Jeremy Siek
Copyright 1998 Addison-Wesley Longman, Inc.
Copyright 1998-2006 Liam Quinn.
Copyright 1999 Beman Dawes
Copyright 1999 Dave Abrahams
Copyright 1999 Greg Colvin and Beman Dawes.
Copyright 1999 by Hewlett-Packard Company.
Copyright 1999, 2000 Free Software Foundation, Inc.
Copyright 1999, 2000 Gregory Colvin
Copyright 1999, 2000 Jaakko Jarvi (jaakko.jarvi@cs.utu.fi)
Copyright 1999, 2005, 2013 Hubert Holin.
Copyright 1999-2003 Aleksey Gurtovoy. Use
Copyright 1999-2003 Beman Dawes
Copyright 2000 Beman Dawes & John Maddock.
Copyright 2000 Jens Maurer
Copyright 2000 Jeremy Siek (jsiek@lsc.nd.edu)
Copyright 2000 John Maddock (john@johnmaddock.co.uk)
Copyright 2000 Maarten Keijzer
Copyright 2000 Steve Cleary, Beman Dawes, Howard Hinnant and John Maddock. Use
Copyright 2000 Steven Knight
Copyright 2000 University of Notre Dame. Authors Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 2000-2001 University of Notre Dame
Copyright 2000-2001, University of Notre Dame.
Copyright 2000-2009 Michael Stevens, Mathias Koch, Joerg Walter, Gunter Winkler.
Copyright 2001
Copyright 2001 Daryle Walker. Use
Copyright 2001 Dave Abrahams
Copyright 2001 David Abrahams
Copyright 2001 David Abrahams.
Copyright 2001 David Turner.
Copyright 2001 Dietmar Kuehl
Copyright 2001 Indiana University Author Jeremy G. Siek
Copyright 2001 Indiana University. Author Jeremy G. Siek
Copyright 2001 Jens Maurer
Copyright 2001 Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 2001 University of Notre Dame.
Copyright 2001 University of Notre Dame. Author Andrew Janiszewski, Jeremy G. Siek
Copyright 2001 University of Notre Dame. Author Jeremy G. Siek
Copyright 2001 University of Notre Dame. Authors Jeremy G. Siek and Lie-Quan Lee
Copyright 2001 University of Notre Dame. Authors Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 2001, 2002 Dave Abrahams
Copyright 2001, 2002 Vladimir Prus
Copyright 2001, 2002, 2003 Dave Abrahams
Copyright 2001, 2002, 2003, 2005 Dave Abrahams
Copyright 2001, 2003 Daryle Walker. Use
Copyright 2001, 2003, 2004 Daryle Walker. Use
Copyright 2001, 2003, 2004, 2012 Daryle Walker.
Copyright 2001, 2003, 2004, 2012 Daryle Walker. Use
Copyright 2001, 2004 Daryle Walker. Use
Copyright 2001-2002 Indiana University. Some
Copyright 2001-2004 CrystalClear Software, Inc

Copyright 2001-2004 David Abrahams.
Copyright 2001-2004 The Trustees of Indiana University.
Copyright 2001-2005 CrystalClear Software, Inc
Copyright 2001-2006 David Abrahams.
Copyright 2001-2014, Gennadiy Rozental.
Copyright 2002 Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Copyright 2002 Brad King and Douglas Gregor
Copyright 2002 Darin Adler.
Copyright 2002 Daryle Walker. Use
Copyright 2002 Dave Abrahams
Copyright 2002 H Lohninger, TU Wein H.Lohninger
Copyright 2002 Herve Bronnimann, Guillaume Melquiond, Sylvain Pion
Copyright 2002 Indiana University.
Copyright 2002 Indiana University. Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2002 Jeremy G. Siek, Andrew Lumsdaine, Lie-Quan Lee
Copyright 2002 Marc Wintermantel (wintermantel@even-ag.ch) ETH Zurich, Center of Structure Technologies
Copyright 2002 Marc Wintermantel (wintermantel@imes.mavt.ethz.ch) ETH Zurich, Center of Structure Technologies
Copyright 2002 Rene Rivera
Copyright 2002 Rene Rivera.
Copyright 2002 Rensselaer Polytechnic Institute
Copyright 2002 The Trustees of Indiana University.
Copyright 2002 Vladimir Prus
Copyright 2002 William E. Kempf
Copyright 2002, 2003 Daryle Walker. Use
Copyright 2002, 2003 Dave Abrahams
Copyright 2002, 2003 Rene Rivera
Copyright 2002, 2003 Vladimir Prus
Copyright 2002, 2003, 2004 Vladimir Prus
Copyright 2002, 2003, 2004, 2005 Dave Abrahams
Copyright 2002, 2003, 2004, 2005 Vladimir Prus
Copyright 2002, 2003, 2004, 2005, 2006 Vladimir Prus
Copyright 2002, 2003, 2004, 2005, 2006, 2010 Vladimir Prus
Copyright 2002, 2003, 2004, 2005, 2010 Vladimir Prus
Copyright 2002, 2003, 2004, 2006 Vladimir Prus
Copyright 2002, 2003, 2004, 2007 Vladimir Prus
Copyright 2002, 2003, 2005 Rene Rivera
Copyright 2002, 2003, 2005 Vladimir Prus
Copyright 2002, 2003, 2005, 2006 Vladimir Prus
Copyright 2002, 2003, 2006 Rene Rivera
Copyright 2002, 2004 Vladimir Prus
Copyright 2002, 2005 Daryle Walker. Use
Copyright 2002, 2005 Dave Abrahams
Copyright 2002, 2005 Rene Rivera
Copyright 2002, 2005 Vladimir Prus
Copyright 2002, 2005, 2006 Rene Rivera
Copyright 2002, 2005, 2006, 2007, 2010 Rene Rivera
Copyright 2002, 2006 Rene Rivera
Copyright 2002, 2006 Vladimir Prus
Copyright 2002, 2009 Peter Dimov
Copyright 2002, 2009, 2014 Peter Dimov
Copyright 2002, Fernando Luis Cacciola Carballal.
Copyright 2002,2004,2006 Joel de Guzman, Eric Niebler
Copyright 2002-2003 Dave Abrahams.
Copyright 2002-2003 Guillaume Melquiond
Copyright 2002-2003 Guillaume Melquiond, Sylvain Pion
Copyright 2002-2003 Herve Bronnimann
Copyright 2002-2003 Herve Bronnimann, Guillaume Melquiond, Sylvain Pion
Copyright 2002-2003 Rene Rivera, Johan Nilsson.
Copyright 2002-2003 Vladimir Prus
Copyright 2002-2003 Vladimir Prus.
Copyright 2002-2003, Trustees of Indiana University.
Copyright 2002-2004 Rene Rivera.
Copyright 2002-2005 Beman Dawes Use
Copyright 2002-2005 Dave Abrahams.
Copyright 2002-2005 Peter Dimov.
Copyright 2002-2005 Rene Rivera.
Copyright 2002-2005 Vladimir Prus.
Copyright 2002-2005, 2012, 2013 Peter Dimov.
Copyright 2002-2006 Andreas Huber Doenni
Copyright 2002-2006 Rene Rivera
Copyright 2002-2006 Rene Rivera.
Copyright 2002-2006 Vladimir Prus
Copyright 2002-2006 Vladimir Prus.
Copyright 2002-2006. Vladimir Prus
Copyright 2002-2007 Andreas Huber Doenni
Copyright 2002-2007 Rene Rivera.
Copyright 2002-2008 Andreas Huber Doenni
Copyright 2002-2008, Fernando Luis Cacciola Carballal.
Copyright 2002-2009, 2014 Beman Dawes
Copyright 2002-2010 Andreas Huber Doenni
Copyright 2002-2015 Rene Rivera.
Copyright 2002-2017 Rene Rivera.
Copyright 2002. Dave Abrahams
Copyright 2002. Vladimir Prus
Copyright 2003
Copyright 2003 - 2011 LASMEA UMR
Copyright 2003 Bruce Barr Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright 2003 Christopher Currie
Copyright 2003 Daniel Walker. Use
Copyright 2003 Daryle Walker. Use

Copyright 2003 Dave Abrahams
Copyright 2003 Douglas Gregor
Copyright 2003 Guillaume Melquiond
Copyright 2003 Guillaume Melquiond, Sylvain Pion
Copyright 2003 Jens Maurer
Copyright 2003 Jeremy Siek Authors Lie-Quan Lee, Jeremy Siek, and Douglas Gregor
Copyright 2003 Rene Rivera
Copyright 2003 The Trustees of Indiana University.
Copyright 2003 Vladimir Prus
Copyright 2003, 2004 Douglas Gregor
Copyright 2003, 2004 Vladimir Prus
Copyright 2003, 2004, 2005 Dave Abrahams
Copyright 2003, 2004, 2005 Douglas Gregor
Copyright 2003, 2004, 2005 Vladimir Prus
Copyright 2003, 2004, 2005, 2006 Vladimir Prus
Copyright 2003, 2004, 2005, 2006, 2007 Vladimir Prus
Copyright 2003, 2004, 2006 Vladimir Prus
Copyright 2003, 2005 Dave Abrahams
Copyright 2003, 2005 Douglas Gregor
Copyright 2003, 2005 Vladimir Prus
Copyright 2003, 2005, 2006 Rene Rivera
Copyright 2003, 2005, 2006 Vladimir Prus
Copyright 2003, 2005, 2007 Dave Abrahams
Copyright 2003, 2006 Rene Rivera
Copyright 2003, 2006 Vladimir Prus
Copyright 2003, Eric Friedman, Itay Maman.
Copyright 2003-20015 Joaquin M Lopez Munoz.
Copyright 2003-2004 Douglas Gregor
Copyright 2003-2004 Joaquin M Lopez Munoz.
Copyright 2003-2004. Dave Abrahams
Copyright 2003-2005 Peter Dimov
Copyright 2003-2006 Joaquin M Lopez Munoz.
Copyright 2003-2006 Vladimir Prus.
Copyright 2003-2006. Rene Rivera
Copyright 2003-2007 Joaquin M Lopez Munoz.
Copyright 2003-2008 Jan Gaspar.
Copyright 2003-2008 Joaquin M Lopez Munoz.
Copyright 2003-2009 Joaquin M Lopez Munoz.
Copyright 2003-2010 Joaquin M Lopez Munoz.
Copyright 2003-2013 Christopher M. Kohlhoff
Copyright 2003-2013 Joaquin M Lopez Munoz.
Copyright 2003-2014 Joaquin M Lopez Munoz.
Copyright 2003-2015 Joaquin M Lopez Munoz.
Copyright 2003-2015 Vladimir Prus.
Copyright 2003-2016 Joaquin M Lopez Munoz.
Copyright 2003-2017 Joaquin M Lopez Munoz.
Copyright 2003. David Abrahams
Copyright 2003. Vladimir Prus
Copyright 2004 Aleksey Gurtovoy
Copyright 2004 David Abrahams
Copyright 2004 Douglas Gregor
Copyright 2004 Eric Niebler
Copyright 2004 Eric Niebler.
Copyright 2004 Guillaume Melquiond
Copyright 2004 Joe Coder.
Copyright 2004 John Maddock
Copyright 2004 Jonathan Brandmeyer Use
Copyright 2004 Pavel Vozenilek
Copyright 2004 The Trustees of Indiana University
Copyright 2004 The Trustees of Indiana University.
Copyright 2004 Trustees of Indiana University Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor
Copyright 2004 Vladimir Prus
Copyright 2004 Vladimir Prus.
Copyright 2004, 2005 Markus Schoepflin.
Copyright 2004, 2005 The Trustees of Indiana University.
Copyright 2004, 2005 Trustees of Indiana University Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Doug Gregor, D. F
Copyright 2004, 2005, 2006 Vladimir Prus
Copyright 2004, 2006 Vladimir Prus
Copyright 2004,2006 Vladimir Prus
Copyright 2004-2005 CrystalClear Software, Inc
Copyright 2004-2005 Peter Dimov
Copyright 2004-2006 Andreas Huber Doenni
Copyright 2004-2006 Peter Dimov
Copyright 2004-2006 The Trustees of Indiana University.
Copyright 2004-2007 Andreas Huber Doenni
Copyright 2004-2007 Vladimir Prus
Copyright 2004-2008 Peter Dimov
Copyright 2004-5 The Trustees of Indiana University.
Copyright 2004-5 Trustees of Indiana University
Copyright 2004-9 Trustees of Indiana University
Copyright 2004. David Abrahams
Copyright 2004. Vladimir Prus
Copyright 2005 Aaron Windsor
Copyright 2005 Alexander Nasonov.
Copyright 2005 Alexey Pakhunov.
Copyright 2005 Alo Sarv
Copyright 2005 Ben Hutchings
Copyright 2005 CrystalClear Software, Inc
Copyright 2005 Dan Marsden.
Copyright 2005 Daniel Egloff, Eric Niebler.

Copyright 2005 Daniel Egloff, Olivier Gygi.
Copyright 2005 Daniel Egloff.
Copyright 2005 Daniel James.
Copyright 2005 Daniel Wallin.
Copyright 2005 Dave Abrahams
Copyright 2005 David Abrahams
Copyright 2005 David Abrahams and Aleksey Gurtovoy.
Copyright 2005 Douglas Gregor.
Copyright 2005 Eric Niebler, Daniel Egloff.
Copyright 2005 Eric Niebler, Michael Gauckler.
Copyright 2005 Eric Niebler.
Copyright 2005 Felix Hofling, Guillaume Melquiond
Copyright 2005 Guillaume Melquiond
Copyright 2005 Hartmut Kaiser
Copyright 2005 Ion Gaztanaga. Use
Copyright 2005 Jeremy G. Siek Authors Jeremy G. Siek
Copyright 2005 Joel de Guzman.
Copyright 2005 John Maddock
Copyright 2005 Jonathan Turkanis
Copyright 2005 Matthias Troyer.
Copyright 2005 Peter Dimov
Copyright 2005 Redshift Software, Inc.
Copyright 2005 Reece H. Dunn
Copyright 2005 Reece H. Dunn.
Copyright 2005 Rene Rivera
Copyright 2005 Rene Rivera.
Copyright 2005 The Trustees of Indiana University.
Copyright 2005 Toon Knapen
Copyright 2005 Trustees of Indiana University
Copyright 2005 Trustees of Indiana University Authors Andrew Lumsdaine, Douglas Gregor
Copyright 2005 Vladimir Prus
Copyright 2005 Vladimir Prus.
Copyright 2005, 2006 Ion Gaztanaga and Peter Dimov. Use
Copyright 2005, 2006 Rene Rivera
Copyright 2005, 2006 Rene Rivera.
Copyright 2005, 2006, 2007 Rene Rivera
Copyright 2005, 2008 Peter Dimov
Copyright 2005, 2013 Daryle Walker.
Copyright 2005, 2014 Peter Dimov
Copyright 2005, 2014 jQuery Foundation, Inc.
Copyright 2005, 2016. Rene Rivera
Copyright 2005-2006 Alexander Nasonov.
Copyright 2005-2006 Andreas Huber Doenni
Copyright 2005-2006 Redshift Software, Inc.
Copyright 2005-2006 Vladimir Prus.
Copyright 2005-2007 Adobe Systems Incorporated
Copyright 2005-2007 Daniel James.
Copyright 2005-2007 Mat Marcus
Copyright 2005-2008 Andreas Huber Doenni
Copyright 2005-2008 Daniel James.
Copyright 2005-2008 Redshift Software, Inc.
Copyright 2005-2009 Andreas Huber Doenni
Copyright 2005-2009 Daniel James.
Copyright 2005-2009 Ion Gaztanaga
Copyright 2005-2009 Juergen Hunold
Copyright 2005-2009 The Trustees of Indiana University.
Copyright 2005-2010 Daniel James.
Copyright 2005-2010 Vladimir Prus.
Copyright 2005-2011 Daniel James.
Copyright 2005-2011 Ion Gaztanaga
Copyright 2005-2012 Daniel James.
Copyright 2005-2012 Juergen Hunold
Copyright 2005-2013 Ion Gaztanaga
Copyright 2005-2013 Peter Dimov
Copyright 2005-2014 Daniel James.
Copyright 2005. Rene Rivera
Copyright 2006 - 2010 John Maddock and Paul A. Bristow.
Copyright 2006 - 2012 John Maddock and Paul A. Bristow.
Copyright 2006 - 2013 John Maddock and Paul A. Bristow.
Copyright 2006 -2007 Matias Capeletto, matias.capeletto@gmail.com
Copyright 2006 Alexander Nasonov.
Copyright 2006 Andy Tompkins.
Copyright 2006 Bojan Resnik.
Copyright 2006 Daniel Egloff, Olivier Gygi.
Copyright 2006 Dave Abrahams
Copyright 2006 Douglas Gregor
Copyright 2006 Eric Niebler, Olivier Gygi.
Copyright 2006 Eric Niebler.
Copyright 2006 Hubert Holin and John Maddock.
Copyright 2006 Ilya Sokolov
Copyright 2006 Ilya Sokolov.
Copyright 2006 Ion Gaztanaga
Copyright 2006 Joaquin M Lopez Munoz.
Copyright 2006 Johan Rade
Copyright 2006 John Maddock
Copyright 2006 John Maddock and Paul A. Bristow 2011.
Copyright 2006 John Maddock and Paul A. Bristow.
Copyright 2006 John Maddock, Paul A. Bristow and Xiaogang Zhang.
Copyright 2006 Juergen Hunold
Copyright 2006 Matias Capeletto

Copyright 2006 Michael van der Westhuizen
Copyright 2006 Noel Belcourt
Copyright 2006 Olivier Gygi, Daniel Egloff.
Copyright 2006 Peter Dimov
Copyright 2006 Rene Rivera
Copyright 2006 Rene Rivera.
Copyright 2006 Roland Schwarz.
Copyright 2006 The Trustees of Indiana University
Copyright 2006 The Trustees of Indiana University.
Copyright 2006 Thorsten Ottosen.
Copyright 2006 Trustees of Indiana University
Copyright 2006 Trustees of Indiana University Authors Jeremy G. Siek and Douglas Gregor <dgregor@cs.indiana.edu>
Copyright 2006 Vladimir Prus
Copyright 2006 Vladimir Prus.
Copyright 2006, 2007 John Maddock and Paul A. Bristow.
Copyright 2006, 2007 Rene Rivera
Copyright 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2015, 2016 John Maddock and Paul A. Bristow.
Copyright 2006, 2007, 2008, 2010 John Maddock and Paul A. Bristow.
Copyright 2006, 2007, 2010 John Maddock and Paul A. Bristow.
Copyright 2006, 2007, 2012 John Maddock and Paul A. Bristow.
Copyright 2006, 2008, 2011 John Maddock, Johan Rade and Paul A. Bristow.
Copyright 2006, 2009 John Maddock and Paul A. Bristow.
Copyright 2006, 2010 John Maddock and Paul A. Bristow.
Copyright 2006, 2010, 2011 John Maddock and Paul A. Bristow.
Copyright 2006, 2010, 2012 John Maddock and Paul A. Bristow.
Copyright 2006, 2010, 2013, 2014 John Maddock and Paul A. Bristow.
Copyright 2006, 2010, 2015 John Maddock and Paul A. Bristow.
Copyright 2006, 2011 John Maddock and Paul A. Bristow.
Copyright 2006, 2012 John Maddock and Paul A. Bristow.
Copyright 2006, 2012, 2015 John Maddock and Paul A. Bristow.
Copyright 2006, 2013 John Maddock and Paul A. Bristow.
Copyright 2006, 2013 John Maddock, Paul A. Bristow, Xiaogang Zhang and Christopher Kormanyos.
Copyright 2006, 2013 The Trustees of Indiana University
Copyright 2006, 2015 John Maddock and Paul A. Bristow.
Copyright 2006, Eric Niebler, Olivier Gygi.
Copyright 2006-2007 Boris Gubenko
Copyright 2006-2007 Daniel James.
Copyright 2006-2007 John Maddock.
Copyright 2006-2007 Paul A. Bristow.
Copyright 2006-2007 Roland Schwarz.
Copyright 2006-2008 Daniel James.
Copyright 2006-2008 Joaquin M Lopez Munoz.
Copyright 2006-2009 Daniel James.
Copyright 2006-2009 Joaquin M Lopez Munoz.
Copyright 2006-2010 Daniel James.
Copyright 2006-2011 Daniel James.
Copyright 2006-2011 Joaquin M Lopez Munoz.
Copyright 2006-2013 Joaquin M Lopez Munoz.
Copyright 2006-2014 Joaquin M Lopez Munoz.
Copyright 2006-2015 Joaquin M Lopez Munoz.
Copyright 2006. Rene Rivera
Copyright 2007 Aaron Windsor
Copyright 2007 Alexandre Courpron
Copyright 2007 Andy Tompkins.
Copyright 2007 Anthony Williams
Copyright 2007 Baruch Zilber
Copyright 2007 Boris Gubenko
Copyright 2007 Boris Gubenko.
Copyright 2007 CodeRage Author Jonathan Turkanis
Copyright 2007 David Jenkins.
Copyright 2007 Eric Niebler.
Copyright 2007 John Maddock
Copyright 2007 John Maddock and Paul A. Bristow.
Copyright 2007 John Maddock.
Copyright 2007 Matias Capeletto
Copyright 2007 Noel Belcourt.
Copyright 2007 Peter Dimov
Copyright 2007 Rene Rivera
Copyright 2007 Rene Rivera.
Copyright 2007 Roland Schwarz
Copyright 2007 Stanford University Authors David Gleich
Copyright 2007 Technical
Copyright 2007 The Trustees of Indiana University.
Copyright 2007 Trustees of Indiana University
Copyright 2007 University of Karlsruhe Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Douglas Gregor, Jens Mueller
Copyright 2007 Vladimir Prus
Copyright 2007, 2010 John Maddock and Paul A. Bristow.
Copyright 2007, 2010 Paul A. Bristow.
Copyright 2007, 2010, 2012 Paul A. Bristow.
Copyright 2007, 2010, 2012, 2014 Paul A. Bristow.
Copyright 2007, 2012, 2014 John Maddock and Paul A. Bristow.
Copyright 2007, 2013 John Maddock and Paul A. Bristow.
Copyright 2007, 2014 Peter Dimov
Copyright 2007-2008 CodeRage, LLC Author Jonathan Turkanis Contact
Copyright 2007-2009 Daniel James.
Copyright 2007-2009 Peter Dimov
Copyright 2007-2009, 2014 Peter Dimov
Copyright 2007-2010 Rene Rivera
Copyright 2007-2012 Ion Gaztanaga
Copyright 2007-2014 by the Sphinx team

Copyright 2007-2016 by the Sphinx team
Copyright 2008
Copyright 2008 - 2013 Roland Schwarz
Copyright 2008 Aaron Windsor
Copyright 2008 Adobe Systems Incorporated
Copyright 2008 Andreas Huber Doenni
Copyright 2008 Beman Dawes
Copyright 2008 Bruno Lalande.
Copyright 2008 Christophe Henry
Copyright 2008 CodeRage, LLC 2004-2007 Jonathan Turkanis Author Jonathan Turkanis Contact
Copyright 2008 CodeRage, LLC Author Jonathan Turkanis Contact
Copyright 2008 Daniel James.
Copyright 2008 David Jenkins.
Copyright 2008 Eduardo Gurgel
Copyright 2008 Eric Niebler
Copyright 2008 Eric Niebler.
Copyright 2008 Frank Mori Hess.
Copyright 2008 Gautam Sewani
Copyright 2008 Gunter Winkler <guwil7@gmx.de>
Copyright 2008 Hartmut Kaiser.
Copyright 2008 Howard Hinnant
Copyright 2008 Intel Corporation
Copyright 2008 Joaquin M Lopez Munoz.
Copyright 2008 John Maddock
Copyright 2008 John Maddock and Paul A. Bristow.
Copyright 2008 John Maddock.
Copyright 2008 Jurko Gospodnetic
Copyright 2008 Jurko Gospodnetic, Vladimir Prus
Copyright 2008 Lubomir Bourdev and Hailin Jin
Copyright 2008 Peter Dimov
Copyright 2008 Peter Dimov.
Copyright 2008 Roland Schwarz
Copyright 2008 Steven Watanabe
Copyright 2008 The Trustees of Indiana University.
Copyright 2008 Trustees of Indiana University
Copyright 2008 Vladimir Prus
Copyright 2008, 2009 John Maddock and Paul A. Bristow.
Copyright 2008, 2009 John Maddock, Paul A. Bristow
Copyright 2008, 2010 Vladimir Prus
Copyright 2008, 2010, 2012, 2013, 2014, 2015 John Maddock and Paul A. Bristow.
Copyright 2008, 2012 John Maddock and Paul A. Bristow.
Copyright 2008, 2012 Jurko Gospodnetic
Copyright 2008,2012 Peter Dimov
Copyright 2008-2009 Daniel James.
Copyright 2008-2009 Frank Mori Hess
Copyright 2008-2010 Gordon Woodhull
Copyright 2009
Copyright 2009 ACM 1-58113-000-0/00/0004...\$5.00.
Copyright 2009 Alexander Nasonov.
Copyright 2009 Andreas Huber Doenni
Copyright 2009 Andy Tompkins.
Copyright 2009 Daniel James
Copyright 2009 Daniel James.
Copyright 2009 Eric Niebler
Copyright 2009 Eric Niebler.
Copyright 2009 Frank Mori Hess
Copyright 2009 Frank Mori Hess.
Copyright 2009 Howard Hinnant
Copyright 2009 John Maddock.
Copyright 2009 Neil Groves.
Copyright 2009 Peter Dimov
Copyright 2009 The Trustees of Indiana University.
Copyright 2009 Trustees of Indiana University Author Jeremiah Willcock
Copyright 2009 Trustees of Indiana University Authors Jeremiah J. Willcock, Andrew Lumsdaine
Copyright 2009 Trustees of Indiana University.
Copyright 2009 Trustees of Indiana University. Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Michael Hansen
Copyright 2009 Trustees of Indiana University. Authors Michael Hansen
Copyright 2009 Trustees of Indiana University. Authors Michael Hansen, Andrew Lumsdaine
Copyright 2009 Vicente J. Botet Escriba
Copyright 2009 Vladimir Prus
Copyright 2009 Vladimir Prus.
Copyright 2009, 2014 Peter Dimov
Copyright 2009, Andrew Sutton
Copyright 2009, The Dojo Foundation
Copyright 2009-2010 Intel Corporation
Copyright 2009-2010 Vicente J. Botet Escriba
Copyright 2009-2011 Karsten Ahnert
Copyright 2009-2011 Mario Mulansky
Copyright 2009-2011 Steven Watanabe
Copyright 2009-2011 Vicente J. Botet Escriba
Copyright 2009-2012 Karsten Ahnert
Copyright 2009-2012 Mario Mulansky
Copyright 2009-2012 Vicente J. Botet Escriba
Copyright 2009-2012 Vicente J. Botet Escriba.
Copyright 2009-2013 Karsten Ahnert
Copyright 2009-2013 Mario Mulansky
Copyright 2009-2014 Karsten Ahnert
Copyright 2009-2014 Mario Mulansky
Copyright 2009-2014 Neil Groves.
Copyright 2009-2015 Mario Mulansky

Copyright 2009/2010 Vicente J. Botet Escriba
Copyright 2010
Copyright 2010 ASCII MEDIA
Copyright 2010 Andreas Huber Doenni
Copyright 2010 Andy Tompkins.
Copyright 2010 Barend Gehrels.
Copyright 2010 Beman Dawes
Copyright 2010 Christophe Henry
Copyright 2010 Daniel James.
Copyright 2010 Daniel Wallin, Eric Niebler.
Copyright 2010 Eric Niebler
Copyright 2010 Eric Niebler.
Copyright 2010 Gaetano Mendola, 2011 Simon West.
Copyright 2010 Georg Fritzsche
Copyright 2010 Gordon Woodhull
Copyright 2010 Gunter Winkler <guwil7@gmx.de>
Copyright 2010 Howard Hinnant
Copyright 2010 Igor
Copyright 2010 Intel Corporation
Copyright 2010 John Maddock
Copyright 2010 John Maddock and Paul A. Bristow.
Copyright 2010 John Maddock.
Copyright 2010 Mario Mulansky
Copyright 2010 Neil Groves
Copyright 2010 Paul A. Bristow
Copyright 2010 Radical Eye Software
Copyright 2010 Rene Rivera
Copyright 2010 The Trustees of Indiana University.
Copyright 2010 Thomas Claveirole Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek, Thomas Claveirole
Copyright 2010 Thomas Heller
Copyright 2010 Tim Blechmann
Copyright 2010 Vicente J. Botet Escriba
Copyright 2010 Vicente J. Botet Escriba Use
Copyright 2010 Vladimir Prus
Copyright 2010, 2011 Beman Dawes
Copyright 2010, 2012 John Maddock and Paul A. Bristow.
Copyright 2010, Jeffrey Hellrung.
Copyright 2010, Niels Dekker.
Copyright 2010-2011 Daniel James
Copyright 2010-2011 Karsten Ahnert
Copyright 2010-2011 Mario Mulansky
Copyright 2010-2011 Vicente J. Botet Escriba
Copyright 2010-2012
Copyright 2010-2012 Karsten Ahnert
Copyright 2010-2012 Mario Mulansky
Copyright 2010-2013 Daniel James
Copyright 2010-2013 Karsten Ahnert
Copyright 2010-2013 Mario Mulansky
Copyright 2010-2014 Mario Mulansky
Copyright 2010-2015 Mario Mulansky
Copyright 2011 - 2013 John Maddock.
Copyright 2011 -2013 John Maddock.
Copyright 2011 Artyom Beilis
Copyright 2011 Christophe Henry
Copyright 2011 Daniel James.
Copyright 2011 Eric Niebler
Copyright 2011 Eric Niebler.
Copyright 2011 Garmin Ltd.
Copyright 2011 John Maddock.
Copyright 2011 Karsten Ahnert
Copyright 2011 Mario Mulansky
Copyright 2011 Marshall Clow
Copyright 2011 Paul A. Bristow
Copyright 2011 Paul A. Bristow To
Copyright 2011 Paul A. Bristow and Thomas Mang.
Copyright 2011 Peter Dimov
Copyright 2011 Simon West.
Copyright 2011 Stefan Seefeld.
Copyright 2011 Steven Watanabe
Copyright 2011 Steven Watanabe.
Copyright 2011 Vicente J. Botet Escriba
Copyright 2011 Vicente J. Botet Escriba Use
Copyright 2011 purpose category
Copyright 2011, 2012 Paul A. Bristow
Copyright 2011, 2013 John Maddock.
Copyright 2011, 2015 Peter Dimov
Copyright 2011, AUTHORS.txt (<http://jqueryui.com/about>)
Copyright 2011, Andrew Ross
Copyright 2011, John Maddock
Copyright 2011, John Resig
Copyright 2011, The Dojo Foundation
Copyright 2011-2012 Karsten Ahnert
Copyright 2011-2012 Mario Mulansky
Copyright 2011-2012 Renato Tegon Forti
Copyright 2011-2012 Renato Tegon Forti.
Copyright 2011-2012 Steven Watanabe
Copyright 2011-2012 Vicente J. Botet Escriba.
Copyright 2011-2013 Karsten Ahnert
Copyright 2011-2013 Mario Mulansky
Copyright 2011-2013 Thorsten Ottosen

Copyright 2011-2014 Karsten Ahnert
Copyright 2011-2014 Mario Mulansky
Copyright 2011-2015 Karsten Ahnert
Copyright 2011-2015 Mario Mulansky
Copyright 2012
Copyright 2012 Andreas Angelopoulos
Copyright 2012 Benjamin Sobotta, John Maddock and Paul A. Bristow.
Copyright 2012 Beman Daves
Copyright 2012 Christoph Koke
Copyright 2012 Daniel James
Copyright 2012 Daniel James.
Copyright 2012 David Doria Authors David Doria
Copyright 2012 Denis Demidov
Copyright 2012 Eric Niebler
Copyright 2012 Eric Niebler.
Copyright 2012 Fernando Vilas 2010 Daniel Trebbien
Copyright 2012 Google, Inc.
Copyright 2012 IBM Corp.
Copyright 2012 John Maddock and Paul A. Bristow.
Copyright 2012 John Maddock.
Copyright 2012 Jurko Gospodnetic
Copyright 2012 K R Walker
Copyright 2012 Karsten Ahnert
Copyright 2012 Lee Hodgkinson
Copyright 2012 Lucanus Simonson
Copyright 2012 Mario Mulansky
Copyright 2012 Paul A. Bristow
Copyright 2012 Peter Dimov
Copyright 2012 Phil Endecott
Copyright 2012 Pierre Talbot
Copyright 2012 Steven Watanabe
Copyright 2012 Sylwester Arabas
Copyright 2012 The Trustees of Indiana University.
Copyright 2012 Vicente J. Botet Escriba
Copyright 2012, 2013 Peter Dimov
Copyright 2012, Philipp Moeller
Copyright 2012, Trustees of Indiana University
Copyright 2012-2013 Andreas Angelopoulos
Copyright 2012-2013 Daniel James
Copyright 2012-2013 Karsten Ahnert
Copyright 2012-2013 Mario Mulansky
Copyright 2012-2013 Rajeev Singh
Copyright 2012-2013 Steven Watanabe
Copyright 2012-2014 Glen Fernandes.
Copyright 2012-2015 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2012-2015 Mario Mulansky
Copyright 2012-2017 Glen Fernandes.
Copyright 2012-2017 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2012. Jurko Gospodnetic
Copyright 2013 Andrey Semashev
Copyright 2013 Ankur Sinha
Copyright 2013 Antony Polukhin
Copyright 2013 Antony Polukhin.
Copyright 2013 Christian Shelton
Copyright 2013 Christopher Kormanyos
Copyright 2013 Christopher Kormanyos.
Copyright 2013 Daniel James.
Copyright 2013 Google Inc.
Copyright 2013 Ion Gaztanaga
Copyright 2013 John Maddock
Copyright 2013 John Maddock.
Copyright 2013 Karsten Ahnert
Copyright 2013 Krzysztof Czainski
Copyright 2013 Kyle Lutz
Copyright 2013 Maciej Piechotka Authors Maciej Piechotka
Copyright 2013 Mario Mulansky
Copyright 2013 Marshall Clow
Copyright 2013 Niall Douglas
Copyright 2013 Nikhar Agrawal
Copyright 2013 Pascal Germroth
Copyright 2013 Paul A. Bristow
Copyright 2013 Paul A. Bristow.
Copyright 2013 Paul A. Bristow. Added
Copyright 2013 Paul Bristow
Copyright 2013 Peter Breitenlohner
Copyright 2013 Peter Dimov
Copyright 2013 Rene Rivera
Copyright 2013 Steven Watanabe
Copyright 2013 Twitter, Inc.
Copyright 2013 University of Warsaw. Authors Piotr Wygocki
Copyright 2013 Vicente J. Botet Escriba
Copyright 2013 jQuery Foundation, Inc.
Copyright 2013, 2013 John Maddock, Anton Bikineev.
Copyright 2013, 2014 Nikhar Agrawal, Christopher Kormanyos, John Maddock, Paul A. Bristow.
Copyright 2013, Cray, Inc.
Copyright 2013-20014, Antony Polukhin.
Copyright 2013-2014 Antony Polukhin
Copyright 2013-2014 Antony Polukhin.
Copyright 2013-2014 Karsten Ahnert
Copyright 2013-2014 Mario Mulansky

Copyright 2013-2014, Antony Polukhin.
Copyright 2013-2015 Antony Polukhin
Copyright 2013-2015 Mario Mulansky
Copyright 2013-2015, Boost.Test team.
Copyright 2013-2016 Antony Polukhin
Copyright 2013-2017 Antony Polukhin
Copyright 2014 Adam Wulkiewicz
Copyright 2014 Agustin Berge
Copyright 2014 Alexander Lauser. Authors Alexander Lauser
Copyright 2014 Andrey Semashev
Copyright 2014 Antony Polukhin
Copyright 2014 Antony Polukhin.
Copyright 2014 Boris Rasin, Antony Polukhin
Copyright 2014 Christopher Kormanyos, John Maddock and Paul A. Bristow.
Copyright 2014 Daniel James.
Copyright 2014 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2014 Ion Gaztanaga.
Copyright 2014 John Maddock
Copyright 2014 John Maddock and Paul A. Bristow.
Copyright 2014 John Maddock.
Copyright 2014 LASMEA UMR
Copyright 2014 LRI UMR
Copyright 2014 Marco Guazzone (marco.guazzone@gmail.com)
Copyright 2014 Marco Guazzone (marco.guazzone@gmail.com).
Copyright 2014 Mario Mulansky
Copyright 2014 MetaScale SAS
Copyright 2014 Microsoft Corporation
Copyright 2014 Neil Groves
Copyright 2014 NumScale SAS
Copyright 2014 Paul A. Bristow
Copyright 2014 Peter Dimov
Copyright 2014 Peter Dimov.
Copyright 2014 Renato Tegon Forti, Antony Polukhin
Copyright 2014 Renato Tegon Forti, Antony Polukhin.
Copyright 2014 Rene Rivera
Copyright 2014 Steven Watanabe
Copyright 2014 Vladimir Prus
Copyright 2014, 2015 Peter Dimov
Copyright 2014, 2015, 2016 Peter Dimov
Copyright 2014, Raffi Enficiaud
Copyright 2014-2015 Glen Fernandes
Copyright 2014-2015 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2014-2015 Renato Tegon Forti, Antony Polukhin.
Copyright 2014-2015 Rene Rivera
Copyright 2014-2015 Steven Ross
Copyright 2014-2015 Steven Watanabe
Copyright 2014-2016 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2014-2016 Rene Rivera
Copyright 2014-2017 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2015 Aaron Boman
Copyright 2015 Andrey Semashev
Copyright 2015 Antony Polukhin
Copyright 2015 Antony Polukhin.
Copyright 2015 Artur Shepilko
Copyright 2015 Artur Shepilko.
Copyright 2015 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2015 Gregor de Cillia
Copyright 2015 Jeremy William Murphy.
Copyright 2015 John Fletcher
Copyright 2015 John Fletcher.
Copyright 2015 John Maddock and Paul A. Bristow.
Copyright 2015 John Maddock.
Copyright 2015 Klemens Morgenstern
Copyright 2015 LRI UMR
Copyright 2015 Mario Mulansky
Copyright 2015 Mario Mulansky <mario.mulansky@gmx.net>
Copyright 2015 NumScale SAS
Copyright 2015 Paul A. Bristow.
Copyright 2015 Peter Dimov
Copyright 2015 Peter Dimov.
Copyright 2015 Peter Dimov. Use
Copyright 2015 Steven Watanabe
Copyright 2015 Vicente J. Botet Escriba
Copyright 2015-2016 Antony Polukhin
Copyright 2015-2016 Antony Polukhin.
Copyright 2015-2016 Klemens D. Morgenstern
Copyright 2015-2016, Antony Polukhin.
Copyright 2015-2017 Antony Polukhin.
Copyright 2016 Alexander Zaitsev
Copyright 2016 Andrey Semashev
Copyright 2016 Antony Polukhin
Copyright 2016 Antony Polukhin.
Copyright 2016 Daniel James.
Copyright 2016 Giel van Schijndel
Copyright 2016 John Maddock.
Copyright 2016 Jorge Lodos
Copyright 2016 Klemens D. Morgenstern
Copyright 2016 Klemens D. Morgenstern.
Copyright 2016 Klemens Morgenstern
Copyright 2016 Klemens Morgenstern, Antony Polukhin

Copyright 2016 Mikhail Maximov.
Copyright 2016 Peter Dimov
Copyright 2016 Rene Rivera
Copyright 2016 Steven Watanabe
Copyright 2016 Vicente J. Botet Escriba
Copyright 2016, Antony Polukhin.
Copyright 2016. Rene Rivera
Copyright 2017 Daniel James.
Copyright 2017 Glen Joseph Fernandes
Copyright 2017 Glen Joseph Fernandes (glenjofe@gmail.com)
Copyright 2017 John Maddock
Copyright 2017 Peter Dimov
Copyright ???? 2013.
Copyright ???? 2013. //
Copyright Abel Sinkovics (abel@sinkovics.hu) 2009 - 2010.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2009 - 2011.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2009 - 2012.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2010 - 2011.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2010.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2011 - 2012.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2011.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2012.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2013.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2014.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2015.
Copyright Abel Sinkovics (abel@sinkovics.hu) 2016.
Copyright Adam D. Walling 2012.
Copyright Akira Takahashi 2011
Copyright Akira Takahashi 2013.
Copyright Alain Miniussi 20014.
Copyright AlainMiniussi 20014 - 20015.
Copyright Aleksey Gurtovoy 2000-2002
Copyright Aleksey Gurtovoy 2000-2003
Copyright Aleksey Gurtovoy 2000-2004
Copyright Aleksey Gurtovoy 2000-2004
Copyright Aleksey Gurtovoy 2000-2005
Copyright Aleksey Gurtovoy 2000-2006
Copyright Aleksey Gurtovoy 2000-2008
Copyright Aleksey Gurtovoy 2000-2009
Copyright Aleksey Gurtovoy 2000-2010
Copyright Aleksey Gurtovoy 2001-2004
Copyright Aleksey Gurtovoy 2001-2006
Copyright Aleksey Gurtovoy 2001-2007
Copyright Aleksey Gurtovoy 2001-2008
Copyright Aleksey Gurtovoy 2002-2004
Copyright Aleksey Gurtovoy 2002-2006
Copyright Aleksey Gurtovoy 2002-2010
Copyright Aleksey Gurtovoy 2003-2004
Copyright Aleksey Gurtovoy 2003-2006
Copyright Aleksey Gurtovoy 2003-2007
Copyright Aleksey Gurtovoy 2003-2008
Copyright Aleksey Gurtovoy 2004
Copyright Aleksey Gurtovoy 2004-2008
Copyright Aleksey Gurtovoy 2004-2009
Copyright Aleksey Gurtovoy 2006
Copyright Aleksey Gurtovoy 2007-2009
Copyright Aleksey Gurtovoy 2008
Copyright Aleksey Gurtovoy 2009
Copyright Alexander Nasonov & Paul A. Bristow 2006.
Copyright Alexander Nasonov 2004
Copyright Alexander Nasonov, 2006-2010.
Copyright Alexander Nasonov, 2006.
Copyright Alexander Nasonov, 2007.
Copyright Andrey Semashev 2007 - 2013.
Copyright Andrey Semashev 2007 - 2014.
Copyright Andrey Semashev 2007 - 2015.
Copyright Andrey Semashev 2007 - 2016.
Copyright Andrey Semashev 2007 - 2017.
Copyright Andrey Semashev 2013.
Copyright Andrey Semashev 2014.
Copyright Andrey Semashev 2015.
Copyright Andrey Semashev 2016.
Copyright Andrii Sydorчук 2010-2011.
Copyright Andrii Sydorчук 2010-2012.
Copyright Andrii Sydorчук 2012.
Copyright Andrii Sydorчук 2014.
Copyright Andrii Sydorчук 2015.
Copyright Andy Tompkins 2006.
Copyright Ankit Daftery 2011-2012.
Copyright Antony Polukhin 2011-2016.
Copyright Antony Polukhin 2011.
Copyright Antony Polukhin 2013.
Copyright Antony Polukhin, 2011-2012.
Copyright Antony Polukhin, 2011-2014.
Copyright Antony Polukhin, 2011-2016.
Copyright Antony Polukhin, 2011.
Copyright Antony Polukhin, 2012-2014.
Copyright Antony Polukhin, 2012-2015.
Copyright Antony Polukhin, 2012.
Copyright Antony Polukhin, 2013-2014.

Copyright Antony Polukhin, 2013-2017.
Copyright Antony Polukhin, 2013.
Copyright Antony Polukhin, 2014.
Copyright Antony Polukhin, 2015-2016.
Copyright Antony Polukhin, 2015.
Copyright Antony Polukhin, 2017.
Copyright Arnaud Kapp, Oliver Kowalke 2016
Copyright Arno Schoedl & Neil Groves 2009.
Copyright Barend Gehrels 2010, 2011, Geodan, Amsterdam
Copyright Barend Gehrels 2010, Geodan, Amsterdam
Copyright Barend Gehrels 2011, Geodan, Amsterdam
Copyright Beman Dawes 1994, 2006, 2008
Copyright Beman Dawes 1994-2006, 2011
Copyright Beman Dawes 1994-2007, 2011
Copyright Beman Dawes 1994-99.
Copyright Beman Dawes 1995-2001.
Copyright Beman Dawes 1998, 1999.
Copyright Beman Dawes 1998.
Copyright Beman Dawes 1999-2008
Copyright Beman Dawes 1999.
Copyright Beman Dawes 2000.
Copyright Beman Dawes 2001.
Copyright Beman Dawes 2002
Copyright Beman Dawes 2002, 2003.
Copyright Beman Dawes 2002, 2006
Copyright Beman Dawes 2002, 2006, 2008
Copyright Beman Dawes 2002, 2008
Copyright Beman Dawes 2002, 2009.
Copyright Beman Dawes 2002-2003.
Copyright Beman Dawes 2002-2005, 2009
Copyright Beman Dawes 2002-2009
Copyright Beman Dawes 2002.
Copyright Beman Dawes 2003
Copyright Beman Dawes 2003, 2006
Copyright Beman Dawes 2003, 2006, 2008
Copyright Beman Dawes 2003, 2006, 2010
Copyright Beman Dawes 2003, 2006, 2011
Copyright Beman Dawes 2003, 2010
Copyright Beman Dawes 2004.
Copyright Beman Dawes 2005
Copyright Beman Dawes 2005.
Copyright Beman Dawes 2006
Copyright Beman Dawes 2006, 2007
Copyright Beman Dawes 2006, 2008
Copyright Beman Dawes 2006, 2011
Copyright Beman Dawes 2006, 2013
Copyright Beman Dawes 2007
Copyright Beman Dawes 2007, 2011
Copyright Beman Dawes 2008
Copyright Beman Dawes 2008, 2009
Copyright Beman Dawes 2008, 2009, 2015
Copyright Beman Dawes 2009
Copyright Beman Dawes 2009, 2010
Copyright Beman Dawes 2010
Copyright Beman Dawes 2010, 2011, 2014
Copyright Beman Dawes 2011
Copyright Beman Dawes 2012
Copyright Beman Dawes 2013
Copyright Beman Dawes 2014
Copyright Beman Dawes 2014, 2015
Copyright Beman Dawes 2014.
Copyright Beman Dawes 2015
Copyright Beman Dawes 2017
Copyright Beman Dawes and Daryle Walker 1999.
Copyright Beman Dawes, 2001
Copyright Beman Dawes, 2002
Copyright Beman Dawes, 2002-2005
Copyright Beman Dawes, 2003.
Copyright Beman Dawes, 2004
Copyright Beman Dawes, 2006
Copyright Beman Dawes, 2008
Copyright Beman Dawes, 2009
Copyright Beman Dawes, 2010
Copyright Beman Dawes, 2013
Copyright Beman Dawes, 2014
Copyright Beman Dawes, 2015
Copyright Beman Dawes, Daryle Walker, Gennaro Prota and John Maddock 2001-2009
Copyright Benjamin Sobotta 2012
Copyright Benjamin Sobotta 2012.
Copyright Bertolt Mildner 2004.
Copyright Boris Gubenko 2007.
Copyright Boris Schaling 2009.
Copyright Bruno Dutra 2015
Copyright Bryce Lelbach 2010
Copyright Bryce Lelbach 2010.
Copyright Catherine Morton 2015.
Copyright Charly Chevalier 2015
Copyright Chris Glover, 2016.
Copyright Christoper Kohlhoff 2007
Copyright Christopher Brown 2013

Copyright Christopher Kormanyos
Copyright Christopher Kormanyos 2002 - 2011.
Copyright Christopher Kormanyos 2002 - 2013.
Copyright Christopher Kormanyos 2012, 2013.
Copyright Christopher Kormanyos 2012.
Copyright Christopher Kormanyos 2013 - 2014.
Copyright Christopher Kormanyos 2013-14
Copyright Christopher Kormanyos 2013.
Copyright Christopher Kormanyos 2014.
Copyright Christopher Kormanyos 2016.
Copyright Christopher Kormanyos 2014
Copyright Craig Rodrigues 2005.
Copyright Cromwell D. Enage 2004
Copyright Daniel James 2005-2009
Copyright Daniel James 2005.
Copyright Daniel James 2006-2009
Copyright Daniel James 2008-2009
Copyright Daniel James 2009
Copyright Daniel James 2009.
Copyright Daniel James 2012
Copyright Daniel Trebbien 2010.
Copyright Daniel Walker 2006.
Copyright Daniel Walker 2007
Copyright Daniel Walker 2007.
Copyright Daniel Walker, Eric Niebler, Michel Morin 2008-2012.
Copyright Daniel Wallin 2005.
Copyright Daniel Wallin 2006.
Copyright Daniel Wallin 2007.
Copyright Daniel Wallin, David Abrahams 2005.
Copyright Daniel Wallin, David Abrahams 2010.
Copyright Darin Adler 2000
Copyright Daryle Walker 2001.
Copyright Daryle Walker, Hubert Holin and John Maddock 2006
Copyright Daryle Walker, Hubert Holin and John Maddock 2013
Copyright Daryle Walker, Hubert Holin, John Maddock 2006 - 2007
Copyright Datasim Education BV 2009-2010
Copyright Date Indiana University. Authors Andrew Lumsdaine, Lie-Quan Lee, Jeremy G. Siek
Copyright Dave Abrahams 2001-2002
Copyright Dave Abrahams 2005-2006.
Copyright David Abrahams & Ralf W. Grosse-Kunsteve 2004-2006.
Copyright David Abrahams 2000-2002
Copyright David Abrahams 2001
Copyright David Abrahams 2001-2002
Copyright David Abrahams 2001-2006.
Copyright David Abrahams 2001.
Copyright David Abrahams 2002
Copyright David Abrahams 2002, Joel de Guzman, 2002.
Copyright David Abrahams 2002, Nikolay Mladenov 2007.
Copyright David Abrahams 2002-2003
Copyright David Abrahams 2002.
Copyright David Abrahams 2003
Copyright David Abrahams 2003, Jeremy Siek 2004.
Copyright David Abrahams 2003-2004
Copyright David Abrahams 2003.
Copyright David Abrahams 2004
Copyright David Abrahams 2004.
Copyright David Abrahams 2005.
Copyright David Abrahams 2006.
Copyright David Abrahams 2009.
Copyright David Abrahams and Aleksey Gurtovoy 2002-2004.
Copyright David Abrahams and Brett Calcott 2003.
Copyright David Abrahams and Gottfried Ganssauge 2003.
Copyright David Abrahams and Jeremy Siek 2003.
Copyright David Abrahams and Nikolay Mladenov 2003.
Copyright David Abrahams and Ralf W. Grosse-Kunsteve 2003.
Copyright David Abrahams and Thomas Becker 2000-2006.
Copyright David Abrahams and Thomas Becker 2003.
Copyright David Abrahams, Daniel Wallin 2003.
Copyright David Abrahams, Daniel Wallin 2005-2009.
Copyright David Abrahams, Daniel Wallin 2005.
Copyright David Abrahams, Daniel Wallin 2006.
Copyright David Abrahams, Jeremy Siek 2003.
Copyright David Abrahams, Jeremy Siek, Thomas Witt 2003.
Copyright David Abrahams, Jeremy Siek, Vladimir Prus 2006.
Copyright David Abrahams, Jeremy Siek, and Thomas Witt
Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2003.
Copyright David Abrahams, Jeremy Siek, and Thomas Witt 2004.
Copyright David Abrahams, Matthias Troyer, Michael Gauckler 2005.
Copyright Deniz Bahadir 2015
Copyright Dietmar Kuehl 2001
Copyright Doug Gregor 2004.
Copyright Douglas Gregor 2001-2003.
Copyright Douglas Gregor 2001-2004
Copyright Douglas Gregor 2001-2004.
Copyright Douglas Gregor 2001-2006
Copyright Douglas Gregor 2001-2006.
Copyright Douglas Gregor 2002-2003.
Copyright Douglas Gregor 2002-2004.
Copyright Douglas Gregor 2003-2004.
Copyright Douglas Gregor 2003.

Copyright Douglas Gregor 2004.
Copyright Douglas Gregor 2005.
Copyright Douglas Gregor 2008.
Copyright Duncan Exon Smith 2012
Copyright Edward Nevill
Copyright Emil Dotchevski 2007
Copyright Eric Friedman 2002
Copyright Eric Friedman 2002-2003
Copyright Eric Friedman 2003
Copyright Eric Niebler 2005.
Copyright Eric Niebler 2006
Copyright Eric Niebler 2007.
Copyright Eric Niebler 2008
Copyright Eric Niebler 2009
Copyright Eric Niebler 2010.
Copyright Eric Niebler 2014
Copyright Eric Niebler 2014.
Copyright Felix E. Klee, 2003
Copyright Fernando Vilas 2012.
Copyright Frank Mori Hess 2007
Copyright Frank Mori Hess 2007,2009.
Copyright Frank Mori Hess 2007-2008
Copyright Frank Mori Hess 2007-2008.
Copyright Frank Mori Hess 2007-2009
Copyright Frank Mori Hess 2007-2009.
Copyright Frank Mori Hess 2007-2010.
Copyright Frank Mori Hess 2007.
Copyright Frank Mori Hess 2008
Copyright Frank Mori Hess 2008-2009
Copyright Frank Mori Hess 2008-2009.
Copyright Frank Mori Hess 2008.
Copyright Frank Mori Hess 2009
Copyright Frank Mori Hess 2009.
Copyright Franz Detro 2014
Copyright Gautam Sewani
Copyright Gautam Sewani 2008
Copyright Gennadiy Rozental
Copyright Gennadiy Rozental 2001-2014.
Copyright Gennaro Prota 2006
Copyright Gennaro Prota 2006.
Copyright Gottfried Ganauge 2003.
Copyright Gottfried Ganauge 2003..2006.
Copyright Gottfried Ganauge 2006.
Copyright Gunter Winkler 2004 - 2009.
Copyright Helge Bahmann 2011.
Copyright Howard Hinnant 2007-2010.
Copyright Ion Gaztanaga 2005-2009.
Copyright Ion Gaztanaga 2006.
Copyright Ion Gaztanaga 2009-2013.
Copyright Ion Gaztanaga 2009.
Copyright Jaap Suter 2003
Copyright Jan Gaspar 2003-2008.
Copyright Jan Langer 2002
Copyright Jane Doe
Copyright Jason Rhinelander 2016
Copyright Jason Rice 2015
Copyright Jason Rice 2016
Copyright Jeff Garland and Beman Dawes, 2002
Copyright Jens Maurer 2000
Copyright Jens Maurer 2000, 2002
Copyright Jens Maurer 2000-2001
Copyright Jens Maurer 2002
Copyright Jens Maurer 2006
Copyright Jens Maurer 2006-1011
Copyright Jeremy Murphy 2016.
Copyright Jeremy Siek 2002
Copyright Jeremy Siek, David Abrahams 2000-2006.
Copyright Jeremy W. Murphy 2015.
Copyright Jessica Hamilton 2014
Copyright Jim Bosch & Ankit Daftery 2010-2012.
Copyright Jim Bosch 2010-2012.
Copyright Jim Bosch 2011-2012.
Copyright Joel Falcou 2015
Copyright Joel de Guzman 2002-2004.
Copyright Joel de Guzman 2002-2007.
Copyright Joel de Guzman 2004.
Copyright Joel de Guzman 2005-2006.
Copyright Johan Rade and Paul A. Bristow 2011.
Copyright John Maddock
Copyright John Maddock & Paul A. Bristow 2007, 2009, 2010, 2012
Copyright John Maddock 20010.
Copyright John Maddock 2002-4.
Copyright John Maddock 2005
Copyright John Maddock 2005-2006, 2011.
Copyright John Maddock 2005-2006.
Copyright John Maddock 2005-2008.
Copyright John Maddock 2005.
Copyright John Maddock 2006
Copyright John Maddock 2006, 2007
Copyright John Maddock 2006, 2007, 2012, 2014.

Copyright John Maddock 2006, 2007.
Copyright John Maddock 2006, 2010.
Copyright John Maddock 2006, 2011.
Copyright John Maddock 2006, 2012.
Copyright John Maddock 2006-15.
Copyright John Maddock 2006-7, 2013-14.
Copyright John Maddock 2006-7.
Copyright John Maddock 2006.
Copyright John Maddock 2007
Copyright John Maddock 2007, 2014.
Copyright John Maddock 2007-8.
Copyright John Maddock 2007.
Copyright John Maddock 2008
Copyright John Maddock 2008, 2012.
Copyright John Maddock 2008-11.
Copyright John Maddock 2008.
Copyright John Maddock 2009
Copyright John Maddock 2009 - 2012
Copyright John Maddock 2009.
Copyright John Maddock 2010
Copyright John Maddock 2010, 2012.
Copyright John Maddock 2010.
Copyright John Maddock 2011.
Copyright John Maddock 2012
Copyright John Maddock 2012.
Copyright John Maddock 2013
Copyright John Maddock 2013.
Copyright John Maddock 2014
Copyright John Maddock 2014.
Copyright John Maddock 2015
Copyright John Maddock 2015.
Copyright John Maddock 2016
Copyright John Maddock 2016.
Copyright John Maddock and Paul A. Bristow 2007
Copyright John Maddock and Paul A. Bristow 2010
Copyright John Maddock. Use
Copyright John R. Bandela 2000-2002
Copyright John R. Bandela 2001
Copyright John R. Bandela 2001.
Copyright Jonathan Brandmeyer, 2004.
Copyright Jonathan Turkanis 2005.
Copyright Keith MacDonald 2005.
Copyright Keld Helsgaun 2000, Oliver Kowalke 2014.
Copyright Kevlin Henney, 2000, 2001, 2002.
Copyright Kevlin Henney, 2000, 2001.
Copyright Kevlin Henney, 2000-2005.
Copyright Kevlin Henney, 2000.
Copyright Klemens Morgenstern, 2012-2015.
Copyright Kohei Takahashi 2012-2014.
Copyright Kohei Takahashi 2016.
Copyright Leo Goodstadt 2012
Copyright Lingxi Li 2015.
Copyright Louis Dionne 2013
Copyright Louis Dionne 2013-2016
Copyright Louis Dionne 2013-2017
Copyright Louis Dionne 2013-2017
Copyright Louis Dionne 2013-2017
Copyright Marco Guazzzone 2014
Copyright Markus J. Weber 2015
Copyright Marshall Clow 2007.
Copyright Marshall Clow 2010-2012.
Copyright Marshall Clow 2013
Copyright Martin Husemann 2012
Copyright Matthias Troyer 2005.
Copyright Michael Caisse 2010
Copyright Michael Drexl 2005, 2006.
Copyright Michael Drexl 2006, 2007.
Copyright Michael Stevens 2004
Copyright Nakhar Agrawal 2013.
Copyright Nasos Iliopoulos, Gunter Winkler 2009.
Copyright Nat Goodspeed
Copyright Nat Goodspeed 2013.
Copyright Nat Goodspeed 2014.
Copyright Nat Goodspeed 2015.
Copyright Neil Groves & Thorsten Ottosen & Pavol Droba 2003-2004.
Copyright Neil Groves 2003-2004.
Copyright Neil Groves 2007.
Copyright Neil Groves 2009
Copyright Neil Groves 2009.
Copyright Neil Groves 2010.
Copyright Neil Groves 2011.
Copyright Neil Groves 2013.
Copyright Neil Groves 2014
Copyright Neil Groves 2014.
Copyright Niall Douglas 2005.
Copyright Nicolas Lelong, 2010.
Copyright Nikhar Agrawal 2013-14
Copyright Nikolay Mladenov 2007.
Copyright Noel Belcourt 2007.
Copyright Oliver Kowalke

Copyright Oliver Kowalke 2009-2013.
Copyright Oliver Kowalke 2009.
Copyright Oliver Kowalke 2013.
Copyright Oliver Kowalke 2014.
Copyright Oliver Kowalke 2015.
Copyright Oliver Kowalke 2016.
Copyright Oliver Kowalke 2017.
Copyright Oliver Kowalke, Nat Goodspeed 2015.
Copyright Oliver Kowalke, Nat Goodspeed 2016.
Copyright Paul A Bristow 2010
Copyright Paul A. Bristow
Copyright Paul A. Bristow & John Maddock 2009
Copyright Paul A. Bristow & John Maddock 2009, 2010
Copyright Paul A. Bristow 2006, 2007, 2009, 2010.
Copyright Paul A. Bristow 2006, 2007, 2012
Copyright Paul A. Bristow 2006, 2007, 2012.
Copyright Paul A. Bristow 2006, 2007.
Copyright Paul A. Bristow 2006, 2012.
Copyright Paul A. Bristow 2006-2011.
Copyright Paul A. Bristow 2006-7.
Copyright Paul A. Bristow 2006.
Copyright Paul A. Bristow 2007
Copyright Paul A. Bristow 2007, 2008, 2010
Copyright Paul A. Bristow 2007, 2009
Copyright Paul A. Bristow 2007, 2009, 2010
Copyright Paul A. Bristow 2007, 2009, 2010, 2012
Copyright Paul A. Bristow 2007, 2009, 2010, 2012.
Copyright Paul A. Bristow 2007, 2009, 2012.
Copyright Paul A. Bristow 2007, 2009.
Copyright Paul A. Bristow 2007, 2010
Copyright Paul A. Bristow 2007, 2010, 2011.
Copyright Paul A. Bristow 2007, 2010, 2012, 2014.
Copyright Paul A. Bristow 2007, 2010, 2012.
Copyright Paul A. Bristow 2007, 2010, 2014, 2016.
Copyright Paul A. Bristow 2007, 2010.
Copyright Paul A. Bristow 2007, 2012.
Copyright Paul A. Bristow 2007, 2013-14.
Copyright Paul A. Bristow 2007.
Copyright Paul A. Bristow 2008
Copyright Paul A. Bristow 2008, 2009, 2012
Copyright Paul A. Bristow 2008, 2009, 2014.
Copyright Paul A. Bristow 2008, 2010.
Copyright Paul A. Bristow 2008, 2014.
Copyright Paul A. Bristow 2009 - 2012
Copyright Paul A. Bristow 2009, 2011
Copyright Paul A. Bristow 2010
Copyright Paul A. Bristow 2010, 2013
Copyright Paul A. Bristow 2010, 2015
Copyright Paul A. Bristow 2010.
Copyright Paul A. Bristow 2011, 2012.
Copyright Paul A. Bristow 2011.
Copyright Paul A. Bristow 2012.
Copyright Paul A. Bristow 2013
Copyright Paul A. Bristow 2013.
Copyright Paul A. Bristow 2014, 2015.
Copyright Paul A. Bristow 2014.
Copyright Paul A. Bristow 2015
Copyright Paul A. Bristow 2015.
Copyright Paul A. Bristow 2016.
Copyright Paul A. Britow 2009
Copyright Paul Bristow 2006, 2007.
Copyright Paul Bristow 2007, 2011.
Copyright Paul Bristow 2007.
Copyright Paul Bristow 2013.
Copyright Paul Bristow 2014.
Copyright Paul Lin 2003.
Copyright Paul Mensonides 2003
Copyright Paul a. Bristow 2010
Copyright Pavol Droba 2002-2003.
Copyright Pavol Droba 2002-2004.
Copyright Pavol Droba 2002-2006.
Copyright Peder Holt 2005.
Copyright Pedro Ferreira 2005.
Copyright Peter Dimov 2000-2002
Copyright Peter Dimov 2000-2003
Copyright Peter Dimov 2001
Copyright Peter Dimov 2001-2002
Copyright Peter Dimov 2001-2003
Copyright Peter Dimov 2015
Copyright Peter Dimov and David Abrahams 2002.
Copyright Peter Dimov and Multi Media Ltd 2001, 2002
Copyright Pierre Esterie & Joel Falcou.
Copyright Ralf W. Grosse-Kunstleve & David Abrahams 2006.
Copyright Ralf W. Grosse-Kunstleve 2002-2004.
Copyright Ralf W. Grosse-Kunstleve 2004.
Copyright Ralf W. Grosse-Kunstleve 2006.
Copyright Renato Tegon Forti 2011 - 2013.
Copyright Renato Tegon Forti, Antony Polukhin 2011 - 2016.
Copyright Rene Rivera 2004-2006.
Copyright Rene Rivera 2004.

Copyright Rene Rivera 2005-2007.
Copyright Rene Rivera 2005-2016
Copyright Rene Rivera 2006.
Copyright Rene Rivera 2008
Copyright Rene Rivera 2008, 2010.
Copyright Rene Rivera 2008-2013
Copyright Rene Rivera 2008-2015
Copyright Rene Rivera 2011-2012
Copyright Rene Rivera 2011-2013
Copyright Rene Rivera 2011-2015
Copyright Rene Rivera 2011-2016
Copyright Rene Rivera 2012-2015
Copyright Rene Rivera 2013
Copyright Rene Rivera 2013-2015
Copyright Rene Rivera 2014
Copyright Rene Rivera 2014-2015
Copyright Rene Rivera 2015
Copyright Rene Rivera 2015-2016
Copyright Rene Rivera 2016
Copyright Robert Ramey 2007.
Copyright Samuel Krempp 2003.
Copyright Sascha Ochsenknecht 2009.
Copyright Sebastian Ramacher, 2007.
Copyright Sergey Nizovtsev 2016
Copyright Sergey Shandar 2005, Alexander Nasonov, 2007.
Copyright Sergue E. Leontiev 2013.
Copyright Shunsuke Sogame 2005-2006.
Copyright Stefan Seefeld 2005.
Copyright Stefan Seefeld 2006.
Copyright Stefan Seefeld 2007.
Copyright Stefan Seefeld 2016.
Copyright Steven J. Ross 2001 - 2009.
Copyright Steven J. Ross 2001 - 2014
Copyright Steven J. Ross 2001 - 2014.
Copyright Steven J. Ross 2008 - 2014
Copyright Steven J. Ross 2014
Copyright Steven Ross 2009-2014.
Copyright Steven Ross 2009.
Copyright Steven Ross 2014
Copyright Steven Ross 2014.
Copyright Steven Watanabe 2009
Copyright Steven Watanabe 2009-2011
Copyright Steven Watanabe 2009.
Copyright Steven Watanabe 2010
Copyright Steven Watanabe 2010-2011
Copyright Steven Watanabe 2011
Copyright Steven Watanabe 2014
Copyright Szabolcs Toth (thszabi@gmail.com) 2016.
Copyright Terje Sletteb and Kevlin Henney, 2005.
Copyright Thijs van den Berg 2014
Copyright Thijs van den Berg, 2008.
Copyright Thomas Becker 2003
Copyright Thomas Mang 2010.
Copyright Thomas Mang 2011.
Copyright Thomas Mang 2012.
Copyright Thomas Sailer 2013.
Copyright Thomas Witt 2003, Jeremy Siek 2004.
Copyright Thomas Witt 2003.
Copyright Thomas Witt 2004.
Copyright Thomas Witt 2005.
Copyright Thorsten Ottosen & Larry Evans 2003-2005.
Copyright Thorsten Ottosen 2003-2004.
Copyright Thorsten Ottosen 2003-2005.
Copyright Thorsten Ottosen 2003-2006.
Copyright Thorsten Ottosen 2003-2007.
Copyright Thorsten Ottosen 2003-2008.
Copyright Thorsten Ottosen 2004-2006.
Copyright Thorsten Ottosen 2004-2007.
Copyright Thorsten Ottosen 2006.
Copyright Thorsten Ottosen 2008.
Copyright Thorsten Ottosen, 2009.
Copyright Thorsten Ottosen, Neil Groves 2006 - 2008.
Copyright Thorsten Ottosen, Neil Groves 2006.
Copyright Tim Blechmann 2012.
Copyright Timmo Stange 2007.
Copyright Toon Knapen 2004.
Copyright Toon Knapen, David Abrahams, Roland Richter, and Jeremy Siek 2003.
Copyright Troy D. Straszheim 2009
Copyright Vicente J. Botet Escriba 2009
Copyright Vicente J. Botet Escriba 2009-2010
Copyright Vicente J. Botet Escriba 2009-2011
Copyright Vicente J. Botet Escriba 2009.
Copyright Vicente J. Botet Escriba 2010
Copyright Vicente J. Botet Escriba 2010.
Copyright Vicente J. Botet Escriba 2012.
Copyright Vicente J. Botet Escriba 2014
Copyright Vladimir Prus
Copyright Vladimir Prus 2002
Copyright Vladimir Prus 2002-2004.
Copyright Vladimir Prus 2002-2006.

Copyright Vladimir Prus 2002-2007.
Copyright Vladimir Prus 2002-2010.
Copyright Vladimir Prus 2002.
Copyright Vladimir Prus 2003.
Copyright Vladimir Prus 2004
Copyright Vladimir Prus 2004.
Copyright Vladimir Prus 2005.
Copyright Vladimir Prus 2007.
Copyright Vladimir Prus 2010.
Copyright Vladimir Prus, 2002
Copyright Vladimur Prus 2005.
Copyright Xiaogang Zhang 2006
Copyright Zach Laine 2014
Copyright \copyright\ \year\ Richard Thomson
Copyright c Aleksey Gurtovoy and David Abrahams, 2001-2005.
Copyright iamvfx@gmail.com
Copyright Edward Diener 2013
Copyright Eric Niebler 2005
Copyright Eric Niebler 2006
Copyright John Maddock 2001
Copyright John Maddock 2006
Copyright John Maddock 2007
Copyright Matias Capeletto 2006-2007
Copyright Rene Rivera 2013-2014
Copyright Sebastian Redl 2009
Copyright Tobias Schwinger 2005-2007
Copyright Vladimir Batov 2009-2016
Garland (c) 2000-2002
Gordon Matzigkeit <gord@gnu.ai.mit.edu>, 1996
Martin Purschke <purschke@bnl.gov>. 1999-05-03
Matti Peri\u00107, Pero copyright 2010
Portions Copyright (c) 2002 David Abrahams
\copyright 2004 Brian Ravnsgaard Riis
copyright (c) 1995-2010 Geodan, Amsterdam
copyright (c) 2005 troy d. straszheim
copyright (c) 2013, 2014 Oracle
copyright (c) 2013, 2014, Oracle
copyright (c) 2013, Oracle
copyright (c) 2013-2014 Oracle
copyright (c) 2013-2014, Oracle
copyright (c) 2013-2015 Oracle
copyright (c) 2013-2015, Oracle
copyright (c) 2013-2016 Oracle
copyright (c) 2013-2016, Oracle
copyright (c) 2013-2017 Oracle
copyright (c) 2013-2017, Oracle
copyright (c) 2014 Oracle
copyright (c) 2014, Oracle
copyright (c) 2014-2015 Oracle
copyright (c) 2014-2015, Oracle
copyright (c) 2014-2016 Oracle
copyright (c) 2014-2016, Oracle
copyright (c) 2014-2017 Oracle
copyright (c) 2014-2017, Oracle
copyright (c) 2015 Oracle
copyright (c) 2015, Oracle
copyright (c) 2015-2016 Oracle
copyright (c) 2015-2016, Oracle
copyright (c) 2015-2017 Oracle
copyright (c) 2015-2017, Oracle
copyright (c) 2016 Oracle
copyright (c) 2016, Oracle
copyright (c) 2016-2017 Oracle
copyright (c) 2016-2017, Oracle
copyright (c) 2017 Oracle
copyright (c) 2017, Oracle
copyright 1963 Jane Doe
copyright 1963-1965 Jane Doe, 2018 Joe Blow, John Coe
copyright 1977,1985 Someone
copyright 1997 to 1999 by Joey Hess.
copyright 1998-2013 John Maddock
copyright 1999-2006 Cortex Software GmbH
copyright 2000 - 2006 Stephen Cleary, 2011 Paul A. Bristow
copyright 2000 2002 2003 Joe Blow, Jane Doe
copyright 2000 2002 2003 Joe Blow, Jane Doe authors Blow, Joe Doe, Jane
copyright 2000 2005 Steve Cleary and John Maddock
copyright 2000 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleksey Gurtovoy, Howard Hir
copyright 2000 Steve Cleary, Beman Dawes, Howard Hinnant
copyright 2000-2005 Jens Maurer, 2009-2010 Steven Watanabe
copyright 2000-2005 Kevlin Henney
copyright 2001 - 2016 Boost.Test
copyright 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 2012 2013 2014 2015 Joel de Guzman, Hartmut Kaiser / purpose
copyright 2001 2002 2003 2004 2005 2006 2007 2008 2009 2010 2011 Joel de Guzman, Hartmut Kaiser / purpose
copyright 2001 2002 2003 2004 2005 2006 2011 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
copyright 2001 Beman Dawes
copyright 2001 by Yann Dirson.
copyright 2001, 2002 Peter Dimov and Multi Media Ltd.
copyright 2001, 2003, 2004, 2012 Daryle Walker
copyright 2001-2006, 2010 One
copyright 2001-2007 Beman Dawes, Vesa Karvonen, John Maddock

copyright 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
copyright 2002 - 2015 David Abrahams, Stefan Seefeld
copyright 2002 2003 2004 2005 2010 2014 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
copyright 2002 2003 2004 2005 2015 David Abrahams, Stefan Seefeld
copyright 2002 2003 2004 2005 Joel de Guzman, David Abrahams
copyright 2002 2004 2006 Joel de Guzman, Eric Niebler
copyright 2002-2013 John Maddock and Christopher Kormanyos
copyright 2003 - 2017 Christopher M. Kohlhoff
copyright 2003 2004 2005 2006 2007 Rene Rivera, David Abrahams, Vladimir Prus
copyright 2003 2004 Jeremy B. Maitin-Shepard
copyright 2003 2005 David Abrahams Jeremy Siek Thomas Witt
copyright 2003 2006 Beman Dawes, Rene Rivera
copyright 2003-2005 Peter Dimov
copyright 2003-2007 Fernando Luis Cacciola Carballal
copyright 2003-2008 Matthias Christian Schabel, 2007-2010 Steven Watanabe
copyright 2003-2008 Peter Dimov
copyright 2003-2010 Thorsten Ottosen, Neil Groves
copyright 2003-2013 Jan Gaspar
copyright 2004 2005 Arkadiy Vertleyb, Peder Holt
copyright 2004 Eric Niebler
copyright 2004-2007 Fernando Luis Cacciola Carballal
copyright 2004-2007 Tobias Schwinger
copyright 2005 2006 2007 2008 Daniel James
copyright 2005 2006 2007 Douglas Gregor, Matthias Troyer, Trustees of Indiana University
copyright 2005 2006 Eric Niebler
copyright 2005 John Maddock
copyright 2005 Olaf Krzikalla, 2006-2015 Ion Gaztanaga
copyright 2005-2015 Ion Gaztanaga
copyright 2005-2016 Rene Rivera
copyright 2006, 2007, 2008, 2009, 2010, 2011, 2012 Julio M. Merino Vidal, Ilya Sokolov, Felipe Tanus, Jeff Flinn, Boris Schae
copyright 2006, 2007, 2008, 2009, 2010, 2012, 2013, 2014 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Chi
copyright 2006, 2008 Beman Dawes
copyright 2006-2010 Alexander Nasonov
copyright 2006-2012 Alexander Nasonov, Lorenzo Caminiti
copyright 2006-2012 Matias Capeletto
copyright 2007 - 2016 Andrey Semashev
copyright 2007 2008 Tobias Schwinger
copyright 2007 Eric Niebler
copyright 2007 John Maddock, Joel de Guzman, Eric Niebler and Matias Capeletto
copyright 2007-11 Anthony Williams
copyright 2007-2010 Joachim Faulhaber
copyright 2008 Eric Niebler
copyright 2008 Howard Hinnant
copyright 2008 Paul A. Bristow, John Maddock
copyright 2008, 2011 John Maddock
copyright 2008-2010 Marcin Kalicinski
copyright 2008-2011 Tim Blechmann
copyright 2008-2014 Ion Gaztanaga
copyright 2009 John Maddock
copyright 2009 Oliver Kowalke
copyright 2009-2012 Lorenzo Caminiti
copyright 2009-2012 Vicente J. Botet Escriba
copyright 2009-2013 Vicente J. Botet Escriba
copyright 2009-2015 Ion Gaztanaga
copyright 2009-2015 Karsten Ahnert and Mario Mulansky
copyright 2009-2016 Vladimir Batov
copyright 2009-2017 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle
copyright 2010 Me
copyright 2010-2001 Timequake
copyright 2010-2011 Daniel James
copyright 2010-2011 Tim Blechmann
copyright 2010-2012 Marshall Clow
copyright 2010-2013 Sebastian Redl
copyright 2010-2017 Tropic Software East Inc purpose Extension of Boost
copyright 2011 Barend Gehrels
copyright 2011 Helge Bahmann
copyright 2011-16 Vicente J. Botet Escriba
copyright 2011-2012 Lorenzo Caminiti
copyright 2011-2013 Adam Wulkiewicz
copyright 2011-2013 Steven Watanabe
copyright 2011-2013 Tropic Software East Inc
copyright 2011-2014 Antony Polukhin
copyright 2012 Marshall Clow
copyright 2012 Tim Blechmann
copyright 2012-2016 Antony Polukhin
copyright 2013 Andrey Semashev
copyright 2013 Oliver Kowalke
copyright 2013-2014 Kyle Lutz
copyright 2014 Andrey Semashev
copyright 2014 Christopher Kormanyos, John Maddock, Paul A. Bristow
copyright 2014 Glen Fernandes
copyright 2014 Oliver Kowalke
copyright 2014 Peter Dimov
copyright 2014 Renato Tregon Forti, Antony Polukhin, 2015 Antony Polukhin, 2016 Antony Polukhin, Klemens Morgenstern
copyright 2014 Steven Ross authors Ross, Steven
copyright 2014, 2015, 2016 Peter Dimov
copyright 2014-2016 Andrzej Krzemie
copyright 2014-2017 Glen Joseph Fernandes authors Fernandes, Glen
copyright 2015 Abel Sinkovics
copyright 2015 Charly Chevalier

copyright 2015 Joel Falcou
copyright 2016 Andrey Semashev
copyright 2016 Rene Rivera
copyright 2018 Joe Blow
copyright Gonzalo Brito Gadeschi 2015
copyright Jason Rice 2016
copyright John Maddock 2003
copyright John Maddock 2003, Artyom Beilis 2010
copyright John Maddock 2004
copyright John Maddock 2005
copyright John Maddock 2006
copyright John Maddock 2006-7
copyright John Maddock 2008
copyright John Maddock 2011
copyright John Maddock 2012
copyright John Maddock 2013
copyright Louis Dionne 2013-2016
copyright Louis Dionne 2013-2017
copyright Louis Dionne 2015
copyright Louis Dionne 2016
copyright Netscape Communications, 1999
copyright Paul A. Bristow 2006 - 2010
copyright Shunsuke Sogame 2005-2006.
copyright Xiaogang Zhang.
copyright content Thorsten Ottosen 2004-2007.
copyright' Copyright 2006, 2014 <ulink url http://vladimirprus.com'>Vladimir
copyright' Copyright Information
copyright' Copyright Jason Rice 2016
copyright' Copyright Louis Dionne 2013-2016
copyright' Copyright Louis Dionne 2013-2017
copyright' Copyright Louis Dionne 2013-2017 Gonzalo Brito Gadeschi 2015
copyright' Copyright Louis Dionne 2016 Jason Rice 2016
copyright-footer' Copyright (c) 1998-2013 John Maddock
copyright-footer' Copyright (c) 1999-2004 Jaakko
copyright-footer' Copyright (c) 2000, 2005 Steve Cleary and John Maddock
copyright-footer' Copyright (c) 2000, 2011 Adobe Systems Inc, David Abrahams, Frederic Bron, Steve Cleary, Beman Dawes, Aleks
copyright-footer' Copyright (c) 2000-2005 Jens Maurer
copyright-footer' Copyright (c) 2000-2005 Kevlin Henney
copyright-footer' Copyright (c) 2000-2006 Stephen Cleary
copyright-footer' Copyright (c) 2001 Beman Dawes
copyright-footer' Copyright (c) 2001 Kevlin Henney
copyright-footer' Copyright (c) 2001, 2002 Indiana University
copyright-footer' Copyright (c) 2001-2004 Douglas Gregor
copyright-footer' Copyright (c) 2001-2004 Douglas Gregor Use
copyright-footer' Copyright (c) 2001-2004 Nicolai M. Josuttis
copyright-footer' Copyright (c) 2001-2005 CrystalClear Software, Inc
copyright-footer' Copyright (c) 2001-2006, 2011, 2012 Joel de Guzman, Dan Marsden, Tobias Schwinger
copyright-footer' Copyright (c) 2001-2007 Beman Dawes, Vesa Karvonen, John Maddock
copyright-footer' Copyright (c) 2001-2009 Beman Dawes, Daryle Walker, Gennaro Prota, John Maddock
copyright-footer' Copyright (c) 2001-2011 Joel de Guzman, Hartmut Kaiser
copyright-footer' Copyright (c) 2001-2016 Boost.Test contributors
copyright-footer' Copyright (c) 2002 The Trustees of Indiana University
copyright-footer' Copyright (c) 2002, 2003 Eric Friedman, Itay Maman
copyright-footer' Copyright (c) 2002, 2004, 2006 Joel de Guzman, Eric Niebler
copyright-footer' Copyright (c) 2002-2004 Douglas Gregor Use
copyright-footer' Copyright (c) 2002-2004 Pavol Droba Use
copyright-footer' Copyright (c) 2002-2004 Vladimir Prus
copyright-footer' Copyright (c) 2002-2005 Joel de Guzman, David Abrahams
copyright-footer' Copyright (c) 2002-2005, 2010, 2014, 2015 Joel de Guzman, Dan Marsden, Thomas Heller, John Fletcher
copyright-footer' Copyright (c) 2002-2005, 2015 David Abrahams, Stefan Seefeld
copyright-footer' Copyright (c) 2002-2012 John Maddock and Christopher Kormanyos
copyright-footer' Copyright (c) 2002-2013 John Maddock and Christopher Kormanyos
copyright-footer' Copyright (c) 2002-2015 David Abrahams, Stefan Seefeld
copyright-footer' Copyright (c) 2003, 2004 Jeremy B. Maitin-Shepard
copyright-footer' Copyright (c) 2003, 2005 David Abrahams Jeremy Siek Thomas Witt
copyright-footer' Copyright (c) 2003-2005 Douglas Gregor
copyright-footer' Copyright (c) 2003-2007 Fernando Luis Cacciola Carballal
copyright-footer' Copyright (c) 2003-2007 Rene Rivera, David Abrahams, Vladimir Prus
copyright-footer' Copyright (c) 2003-2008 Matthias Christian Schabel
copyright-footer' Copyright (c) 2003-2010 Thorsten Ottosen, Neil Groves
copyright-footer' Copyright (c) 2003-2013 Jan Gaspar
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2003-2017 Christopher M. Kohlhoff
copyright-footer' Copyright (c) 2004 Eric Niebler
copyright-footer' Copyright (c) 2004, 2005 Arkadiy Vertleyb, Peder Holt
copyright-footer' Copyright (c) 2004-2007 Fernando Luis Cacciola Carballal
copyright-footer' Copyright (c) 2004-2007 Tobias Schwinger
copyright-footer' Copyright (c) 2005 John Maddock
copyright-footer' Copyright (c) 2005 Olaf Krzikalla
copyright-footer' Copyright (c) 2005, 2006 Eric Niebler
copyright-footer' Copyright (c) 2005, 2006 Eric Niebler
copyright-footer' Copyright (c) 2005-2007 Douglas Gregor, Matthias Troyer, Trustees of Indiana University
copyright-footer' Copyright (c) 2005-2008 Daniel James
copyright-footer' Copyright (c) 2005-2015 Ion Gaztanaga
copyright-footer' Copyright (c) 2005-2016 Rene Rivera

copyright-footer' Copyright (c) 2006-2010, 2012-2014 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christoc
copyright-footer' Copyright (c) 2006-2010, 2012-2014 Nikhar Agrawal, Anton Bikineev, Paul A. Bristow, Marco Guazzone, Christoc
copyright-footer' Copyright (c) 2006-2012 Alexander Nasonov, Lorenzo Caminiti
copyright-footer' Copyright (c) 2006-2012 Julio M. Merino Vidal, Ilya Sokolov, Felipe Tanus, Jeff Flinn, Boris Schaeling
copyright-footer' Copyright (c) 2006-2012 Matias Capeletto
copyright-footer' Copyright (c) 2007 -11 Anthony Williams
copyright-footer' Copyright (c) 2007 -2010 Joachim Faulhaber
copyright-footer' Copyright (c) 2007 Eric Niebler
copyright-footer' Copyright (c) 2007 John Maddock, Joel de Guzman, Eric Niebler and Matias Capeletto
copyright-footer' Copyright (c) 2007-2010 Joachim Faulhaber
copyright-footer' Copyright (c) 2007-2016 Andrey Semashev
copyright-footer' Copyright (c) 2007-2016 Andrey Semashev
copyright-footer' Copyright (c) 2008 Eric Niebler
copyright-footer' Copyright (c) 2008 Howard Hinnant
copyright-footer' Copyright (c) 2008, 2011 John Maddock
copyright-footer' Copyright (c) 2008-2010 Marcin Kalicinski
copyright-footer' Copyright (c) 2008-2011 Tim Blechmann
copyright-footer' Copyright (c) 2008-2014 Ion Gaztanaga
copyright-footer' Copyright (c) 2009 Oliver Kowalke
copyright-footer' Copyright (c) 2009-2012 Lorenzo Caminiti
copyright-footer' Copyright (c) 2009-2015 Ion Gaztanaga
copyright-footer' Copyright (c) 2009-2015 Karsten Ahnert and Mario Mulansky
copyright-footer' Copyright (c) 2009-2016 Vladimir Batov
copyright-footer' Copyright (c) 2009-2017 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle
copyright-footer' Copyright (c) 2009-2017 Barend Gehrels, Bruno Lalande, Mateusz Loskot, Adam Wulkiewicz, Oracle
copyright-footer' Copyright (c) 2010, 2011 Tim Blechmann
copyright-footer' Copyright (c) 2010-2012 Marshall Clow
copyright-footer' Copyright (c) 2010-2017 Tropic Software East Inc
copyright-footer' Copyright (c) 2011 Helge Bahmann
copyright-footer' Copyright (c) 2011, 2012 Lorenzo Caminiti
copyright-footer' Copyright (c) 2011-2013 Steven Watanabe
copyright-footer' Copyright (c) 2011-2013 Tropic Software East Inc
copyright-footer' Copyright (c) 2012-2016 Antony Polukhin
copyright-footer' Copyright (c) 2013 Oliver Kowalke
copyright-footer' Copyright (c) 2013, 2014 Kyle Lutz
copyright-footer' Copyright (c) 2014 Oliver Kowalke
copyright-footer' Copyright (c) 2014 Peter Dimov
copyright-footer' Copyright (c) 2014 Renato Tegen Forti, Antony Polukhin
copyright-footer' Copyright (c) 2014 Steven Ross
copyright-footer' Copyright (c) 2014-2017 Glen Joseph Fernandes
copyright-footer' Copyright (c) 2015 Abel Sinkovics
copyright-footer' Copyright (c) 2016 Andrey Semashev
copyright-footer' Copyright 2008 Rene Rivera
copyrighted 1996 by Ronald Van Iwaarden.
copyrighted by the Free Software Foundation
copyrightq 2011, Stefan SeefeldU
el' Copyright (c) 2005 Adobe Systems Incorporated
nowrap Copyright (c) 2006 Michael Drexler
nowrap' Copyright (c) 2000
nowrap' Copyright (c) 2005 Aaron Windsor
top' CodeRage, LLC (c) Copyright 2004-2007 <a href http://www.coderage.com/turkanis/ target _top'>Jonathan

Acknowledgements:

§22This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana Univ

Licenses:

[Apache License 2.0 \(5\)](#)
[Boost Software License 1.0 \(12\)](#)
[BSD 2-Clause License / Variant The Author \(13\)](#)
[BSD 2-Clause License / Variant The Copyright Owner or Contributors \(14\)](#)
[BSD 3-Clause License / Variant D. E. Shaw Research \(15\)](#)
[BSD 3-Clause License / Variant Google Inc. V2 \(16\)](#)
[BSD 5-Clause License / Style Indiana University \(17\)](#)
[FSF Unlimited License \(68\)](#)
[FSF Unlimited License \(with License Retention and Disclaimer\) \(69\)](#)
[FSF Unlimited License \(with License Retention\) \(70\)](#)
[GNU General Public License v2.0 or later w/Autoconf exception \(71\)](#)
[GNU General Public License v3.0 or later with Bison exception 2.2 \(72\)](#)
[GNU Lesser General Public License v2.1 only \(73\)](#)
[ISO License \(83\)](#)
[MIT License \(89\)](#)
[Permission Notice - Hewlett-Packard Company V1 \(102\)](#)
[Permission Notice - M.I.T V2 \(103\)](#)
[Permission Notice - RVInterval \(104\)](#)
[Permission Notice - Silicon Graphics \(105\)](#)
[Permission Notice - Silicon Graphics V2 \(106\)](#)
[Preserve Copyright Notice - card \(113\)](#)
[Preserve Copyright Notice - CrystalClear \(114\)](#)
[Preserve Copyright Notice - garbage collector \(115\)](#)
[Preserve Copyright Notice - mark clearly \(116\)](#)
[Preserve Copyright Notice - mark clearly V2 \(117\)](#)

[Preserve Copyright Notice - material \(118\)](#)
[Preserve Copyright Notice - National Institute of Standards and Technology \(119\)](#)
[Preserve Copyright Notice - Ronald Garcia \(120\)](#)
[Preserve Copyright Notice - William E. Kempf \(121\)](#)
[Preserve Copyright Notice w/Disclaimer V14 \(122\)](#)
[Preserve Copyright Notice w/Disclaimer V16 \(123\)](#)
[Preserve Copyright Notice w/Disclaimer V3 \(124\)](#)
[Preserve Copyright Notice w/Disclaimer V4 \(125\)](#)
[Preserve Copyright Notice w/Disclaimer V5 \(126\)](#)
[Preserve Copyright Notice w/Disclaimer V6 \(127\)](#)
[Preserve Copyright Notice w/Disclaimer V7 \(128\)](#)
[Python License \(142\)](#)
[Unicode License for Data Files and Software \(145\)](#)
[Unspecified \(146\)](#)
[zlib License \(149\)](#)
[Zlib License / Style V1 \(150\)](#)
[Zlib License / Variant V1 \(151\)](#)

coryjowler MCP_CAN_lib 1.5

Copyright (c) Seeed Technology Inc. All right reserved.
Copyright (c) Cory J. Fowler All Rights Reserved.

Acknowledgements:

LGPL-2.1+

This component has certain files that can be licensed under LGPL V2.1 or later. In this case the LGPL V2.1 license has been

Licenses:

(1)
[LGPL-2.1+ \(85\)](#)

esp32-wifi-lib 3.0

Copyright (C) 2015-2016 Espressif Systems.

Licenses:

[Apache-2.0 \(10\)](#)

Espressif arduino-esp32 2017-08-25

Copyright (c) 2011, Paul Stoffregen, paul@pjrc.com
Copyright (C) 2002 by Red Hat, Incorporated. All rights reserved.
Copyright (c) 2015 Hristo Gochkov. All rights reserved. This file is part of the RaspberryPi core for Arduino environment.
Copyright (c) 2003-2004 Axon Digital Design B.V., The Netherlands. All rights reserved.
Copyright (c) 2002-2013 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2001, Swedish Institute of Computer Science. All rights reserved.
Copyright (c) 2011 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2006 Uwe Stuehler <uwe@openbsd.org>
Copyright (c) 1995 Eric Rosenquist. All rights reserved.
Copyright (C) 2012-2013 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 1989-2010. On-Line Applications Research Corporation (OAR).
Copyright (c) 2006 David A. Mellis. All right reserved.
Copyright (c) 2000-2010 Tensilica Inc.
Copyright (c) 2002-2005, Jouni Malinen <j@w1.fi>
Copyright (C) 2016, Espressif Systems (Shanghai) PTE Ltd.
Copyright (c) 2003-2014, Troy D. Hanson <http://troydhanson.github.com/uthash/> All rights reserved.
Copyright (C) 2016, Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2016 Espressif Systems (Shanghai) PTE LTD
Copyright (C) 2006-2015, ARM Limited, All Rights Reserved, Apache 2.0 License.
Copyright (c) 2016-2017 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2008 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 1998, 1999 Francis.Dupont@inria.fr, GIE DYADE, Alain.Durand@imag.fr, IMAG, Jean-Luc.Richier@imag.fr, IMAG-LSR.
Copyright (c) 1999-2014 Cadence Design Systems, Inc.
Copyright (c) 2012, Jouni Malinen <j@w1.fi>
Copyright (c) 2002 - 2004 Open Interface North America, Inc. All rights reserved.
Copyright (c) 2014 Neil Thiessen
Copyright (c) 2004-2009, 2012, Jouni Malinen <j@w1.fi>
Copyright (c) 2007-2014, Troy D. Hanson <http://troydhanson.github.com/uthash/> All rights reserved.
Copyright (c) 2004-2012, Jouni Malinen <j@w1.fi>
Copyright (c) 2003-2007, Jouni Malinen <j@w1.fi>
Copyright (C) 2017 Evandro Luis Copercini.
Copyright (c) 2016 Hristo Gochkov All right reserved.
Copyright (C) 2010-2011,2014-2015 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2003-2009, Jouni Malinen <j@w1.fi>
Copyright (c) 2008 Bjoern Hartmann.
Copyright (c) 2005-2012 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2014 Google, Inc.
Copyright (c) 2006-2007 Tensilica Inc.
Copyright (c) 2010 by Tensilica Inc. ALL RIGHTS RESERVED.

Copyright (c) 2001-2004 Leon Woestenberg <leon.woestenberg@gmx.net>.
Copyright (c) 1999-2016 Tensilica Inc.
Copyright (c) 2012 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2004-2009, Jouni Malinen <j@wl.fi>
Copyright (c) 2004-2008, Jouni Malinen <j@wl.fi>
Copyright (c) 2001 Tensilica Inc.
Copyright (c) 2003-2013, Jouni Malinen <j@wl.fi>
Copyright (c) 2010 David A. Mellis. All right reserved.
Copyright (c) 2011-2014 Arduino. All right reserved. Modified by Ivan Grokhotkov, December 2014
Copyright (c) 2015 Ivan Grokhotkov. All rights reserved.
Copyright (c) 2001 by Sun Microsystems, Inc. All rights reserved.
Copyright (c) 2004-2010 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2003 Paul Mackerras. All rights reserved.
Copyright (c) 1999-2016 Cadence Design Systems Inc.
Copyright (c) 2002-2011, Jouni Malinen <j@wl.fi>
Copyright (C) 2001-2012 Broadcom Corporation
Copyright (c) 2001 by Cognizant Pty Ltd.
Copyright (C) 1999-2014 Broadcom Corporation
Copyright (c) 1997 Global Election Systems Inc.
Copyright (c) 2015 Markus Sattler. All rights reserved. This file is part of the ESP31B core for Arduino.
Copyright (c) 2003-2004 Leon Woestenberg <leon.woestenberg@axon.tv>
Copyright (c) 2010 Hernando Barragan. All right reserved.
Copyright (c) 2006, Jouni Malinen <j@wl.fi>
Copyright (C) 2010-2013 Olaf Bergmann <bergmann@tzi.org>
Copyright (C) 2002-2012 Broadcom Corporation
Copyright (C) 2009-2012 Broadcom Corporation
Copyright (c) 2011 Adrian McEwen. All right reserved.
Copyright (c) 2002-2012, Jouni Malinen <j@wl.fi>
Copyright (c) 2006-2010 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2002 Google, Inc. All rights reserved.
Copyright (c) 2014 Ivan Grokhotkov. All rights reserved.
Copyright (c) 2009 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (C) 2010-2011 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 1998 Global Election Systems Inc.
Copyright (c) 2004, 2005 by Ralf Corsepius, Ulm/Germany. All rights reserved.
Copyright (C) 2015 Real Time Engineers Ltd. All rights reserved
Copyright (c) 1992 Henry Spencer.
Copyright (c) 2006-2011, Jouni Malinen <j@wl.fi>
Copyright (C) 2014 The Android Open Source Project
Copyright (c) 2001-2003 Swedish Institute of Computer Science. All rights reserved.
Copyright (c) 2003 by Marc Boucher, Services Informatiques (MBSI) inc.
Copyright (c) 2002-2007 Open Interface North America, Inc. All rights reserved.
Copyright (c) 2009-10 Hernando Barragan. All right reserved.
Copyright (c) 2014 Tatsuhiro Tsujikawa
Copyright (c) UNIX System Laboratories, Inc.
Copyright (c) 2006-2009, Jouni Malinen <j@wl.fi>
Copyright (c) 2002-2008, Jouni Malinen <j@wl.fi>
Copyright (c) 2015 Tatsuhiro Tsujikawa
Copyright (c) 2006-2013 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2004-2013, Jouni Malinen <j@wl.fi>
Copyright (c) 2008 Ed Schouten <ed@FreeBSD.org> All rights reserved.
Copyright (C) 2015 The Android Open Source Project
Copyright (C) 2006-2016, ARM Limited, All Rights Reserved.
Copyright (c) 2004-2006 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2008-2009 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (C) 2004-2012 Broadcom Corporation
Copyright (c) 2015-2017 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 1998, 1999 Thai Open Source Software Center Ltd.
Copyright (c) 2011 Ed Schouten <ed@FreeBSD.org> David Chisnall <theraven@FreeBSD.org> All rights reserved.
Copyright (c) 2002 The NetBSD Foundation, Inc. All rights reserved.
Copyright (c) 2012, 2013 Tatsuhiro Tsujikawa
Copyright (c) 2003-2004, Artem B. Bityuckiy.
Copyright (C) 2005-2012 Broadcom Corporation
Copyright (C) 1999-2012 Broadcom Corporation
Copyright (c) 2011 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2006 by Marc Boucher, Services Informatiques (MBSI) inc.
Copyright (c) 2006-2015 Cadence Design Systems Inc.
Copyright (c) 2006-2007, Jouni Malinen <j@wl.fi>
Copyright (c) 1990 The Regents of the University of California. All rights reserved.
Copyright (C) 2006-2012 Broadcom Corporation
Copyright (C) 2010-2012,2014-2015 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2013 Tony DiCola (tony@tonydicola.com)
Copyright (c) 2011, Paul Stoffregen, paul@pjrc.com Modified by Ivan Grokhotkov, 2014 - ESP31B support Modified by Michael C.
Copyright (c) 2001-2009 Tensilica Inc.
Copyright (C) 2003-2014 Broadcom Corporation
Copyright (c) 2016 Ivan Grokhotkov
Copyright (c) 2001-2013 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (C) 2016, ChaN, all right reserved.
Copyright (c) 2001-2014 Cadence Design Systems, Inc.
Copyright (c) 2010 Espressif System
Copyright (c) 2006-2007 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2006-2009 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2002-2008 Sam Leffler, Errno Consulting All rights reserved.
Copyright (c) 1989-2013. On-Line Applications Research Corporation (OAR).
Copyright (c) 2001 Atsushi Onoe
Copyright (C) 2009 Paul Bakker <polarssl_maintainer at polarssl dot org>
Copyright (c) 2007-2009 Frédéric Bernon, Simon Goldschmidt All rights reserved.
Copyright (c) 2003-2012 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (C) 2003-2013 Broadcom Corporation
Copyright (c) 2005-2009, Jouni Malinen <j@wl.fi>

Copyright (c) 2003-2008, Jouni Malinen <j@wl.fi>
Copyright (c) 2011-2012 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2010-2011,2014 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2009-2013 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2005-2011 Tensilica Inc.
Copyright (c) 2007-2008 Intel Corporation
Copyright (c) 2002-2009, Jouni Malinen <j@wl.fi>
Copyright (c) 2007 Dominik Spies <kontakt@dspies.de> All rights reserved.
Copyright (c) 1999-2008 Tensilica Inc.
Copyright (c) 1993 Martin Birgmeier All rights reserved.
Copyright (c) 2010-2011,2016 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2010-2012,2015-2016 Olaf Bergmann <bergmann@tzi.org> 2015 Carsten Schoenert <c.schoenert@t-online.de>
Copyright (c) 2005-2006 David A. Mellis
Copyright (c) 2003-2012 Broadcom Corporation
Copyright (c) 2015 Ivan Grokhotkov (ivan@esp8266.com
Copyright (c) 2017 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2012-2013 Tensilica Inc.
Copyright (c) 2007-2012 Tensilica Inc.
Copyright (c) 2010-2011, Jouni Malinen <j@wl.fi>
Copyright (c) 2015-2016 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2009-10 Hernando Barragan. All rights reserved.
Copyright (c) 2005-2006, Jouni Malinen <j@wl.fi>
Copyright (c) 2003 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2012 Tensilica Inc.
Copyright (c) 1995, 1996, 1997 Francis.Dupont@inria.fr, INRIA Rocquencourt, Alain.Durand@imag.fr, IMAG, Jean-Luc.Richier@imag.fr
Copyright (c) 2003-2005, Jouni Malinen <j@wl.fi>
Copyright (c) 2012 The Android Open Source Project
Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd.
Copyright (c) 2005-2013 Arduino Team. All right reserved.
Copyright (c) 2000-2014 Tensilica Inc.
Copyright (c) 2003-2012, Jouni Malinen <j@wl.fi>
Copyright (c) 1997 Gregory Pietsch
Copyright (c) 2014-2016 Fredrik Ahlberg, Angus Gratton, Espressif Systems (Shanghai) PTE LTD, other contributors as noted. ht
Copyright (c) 2006-2015, ARM Limited, All Rights Reserved.
Copyright (c) 2010-2012 Broadcom Corporation
Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 1992, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 2000-2012 Broadcom Corporation
Copyright (c) 2002 CITELE Technologies Ltd. All rights reserved.
Copyright (c) 2004-2007, Jouni Malinen <j@wl.fi>
Copyright (c) 2015 Hristo Gochkov. All rights reserved.
Copyright (c) 2010 Inico Technologies Ltd. All rights reserved.
Copyright (c) 2014-present PlatformIO <contact@platformio.org>
Copyright (c) 2003-2015 Cadence Design Systems, Inc.
Copyright (c) 2010-2017 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2002-2007 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2003 - 2004 Open Interface North America, Inc. All rights reserved.
Copyright (c) 2001-2004 Axon Digital Design B.V., The Netherlands. All rights reserved.
Copyright (c) 2015-2016 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2006-2015 Broadcom Corporation
Copyright (c) 2010-2014 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2008 David A. Mellis. All right reserved.
Copyright (c) 2003-2006, Jouni Malinen <j@wl.fi>
Copyright (c) 2010-2015 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2010-2012 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2010-2011,2015-2016 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2005-2006 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2015 Carsten Schoenert <c.schoenert@t-online.de>
Copyright (c) 2002, 2010 by Red Hat, Incorporated. All rights reserved.
Copyright (c) 2015 Google, Inc.
Copyright (c) 2009 Dave Gamble
Copyright (c) 2002-2003, Adam Dunkels.
Copyright (c) 2013 Tensilica Inc.
Copyright (c) 2015 Hristo Gochkov. All rights reserved. This file is part of the esp8266 core for Arduino environment. This 1
Copyright (c) 2014 The Android Open Source Project
Copyright (c) 2013 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2004-2010, Jouni Malinen <j@wl.fi>
Copyright (c) 2009-2013 Broadcom Corporation
Copyright (c) 1989 Regents of the University of California. All rights reserved.
Copyright (c) 2004 Stefan Farfeleder. All rights reserved.
Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 2005-2014 by Cadence Design Systems, Inc. ALL RIGHTS RESERVED.
Copyright (c) 2017 Evandro Luis Copercini, Apache 2.0 License.
Copyright (c) 2010 Serge A. Zaitsev
Copyright (c) 2002-2007, Jouni Malinen <j@wl.fi>
Copyright (c) 1988, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 2006-2015, ARM Limited, All Rights Reserved
Copyright (c) 2001-2004 Swedish Institute of Computer Science. All rights reserved.
Copyright (c) 2006 Nicholas Zambetti. All right reserved.
Copyright (c) 2006-2008 Christophe Devine
Copyright (c) 2008 Paul Mackerras. All rights reserved.
Copyright (c) 2015 Markus Sattler. All rights reserved.
Copyright (c) 2004-06 Hernando Barragan Modified 13 August 2006, David A. Mellis for Arduino - <http://www.arduino.cc/>
Copyright (c) 2002-2012 Tensilica Inc.
Copyright (c) 2010-2011 Espressif System
Copyright (c) 2011-2014 Arduino. All right reserved.
Copyright (c) 1991 DJ Delorie All rights reserved.
Copyright (c) 2010-2016 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 1989 The Regents of the University of California. All rights reserved.
Copyright (c) 2002 Thomas Moestl <tmm@FreeBSD.org> All rights reserved.

Copyright (c) 1981, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 2007, Jouni Malinen <j@w1.fi>
Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved.
Copyright (c) 2009-2010 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 1998-2002 Tensilica Inc.
Copyright (c) 2004-2008 Tensilica Inc.
Copyright (c) 2007-2013 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2015-2017 Espressif Systems (Shanghai) PTE LTD.
Copyright (c) 2005, Jouni Malinen <j@w1.fi>
Copyright (c) 2006-2012 Tensilica Inc.
Copyright (c) 2005-2009 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (C) 1999-2013 Broadcom Corporation
Copyright (c) 2001 Alexey Zelkin <phantom@FreeBSD.org> All rights reserved.
Copyright (c) 2017 Hristo Gochkov. All rights reserved. This file is part of the ESP32 WiFi library for Arduino environment.
Copyright (c) 1999 Tommi Komulainen. All rights reserved.
Copyright (c) 1994-2002 Paul Mackerras. All rights reserved.
Copyright (C) Joyent, Inc. and other Node contributors. All rights reserved.
Copyright (c) 2007-2009, Jouni Malinen <j@w1.fi>
Copyright (c) 2003-2004 Tensilica Inc.
Copyright (c) 1998-2008, Brian Gladman, Worcester, UK. All rights reserved.
Copyright (c) 2015 Inico Technologies Ltd. All rights reserved.
Copyright (c) 2009, Jouni Malinen <j@w1.fi>

Acknowledgements:

This component can be licensed under LGPL V2.1 or later. In this case the LGPL V2.1 has been chosen. This shall not restrict Some files can be licensed under GPL V2 or later. In this case the GPL V2 has been chosen. This shall not restrict the freed This product includes software developed by Paul Mackerras <paulus@samba.org>.
To the extend files may be licensed under GPL V2 or BSD 3 Clause UC license in this context BSD 3 Clause UC license has been This product includes software developed by the NetBSD Foundation, Inc. and its contributors.
This product includes software developed by Tommi Komulainen <Tommi.Komulainen@iki.fi>".
This product includes software developed by Computing Services at Carnegie Mellon University (<http://www.cmu.edu/computing/>).

Licenses:

[Apache 1.1 style \(4\)](#)
[Apache-1.1- Tommi Komulainen \(6\)](#)
[Apache-1.1-Carnegie Mellon University \(7\)](#)
[Apache-2.0 \(8\)](#)
[BSD-2-Clause \(18\)](#)
[BSD-3-Clause \(24\)](#)
[BSD-3-Clause-Authors-variant \(27\)](#)
[BSD-3-Clause-copyright-holder-variant \(30\)](#)
[BSD-3-Clause-Google Inc \(31\)](#)
[BSD-3-Clause_polarssl \(34\)](#)
[BSD-3-Clause UC \(38\)](#)
[BSD-4-Clause \(40\)](#)
[BSD-4-Clause-UC \(43\)](#)
[BSD-style \(45\)](#)
[BSD-style \(46\)](#)
[Dual-license \(GPL V2.0 or BSD-3-Clause UC\) \(63\)](#)
[GPL-2.0 \(74\)](#)
[GPL-2.0+ \(76\)](#)
[GPL-2.0-with-FreeRTOS exception \(78\)](#)
[LGPL-2.1+ \(84\)](#)
[MIT \(87\)](#)
[MIT Permission \(90\)](#)
[MIT-style \(91\)](#)
[Permission Notice \(92\)](#)
[Permission Notice \(93\)](#)
[Permission Notice \(94\)](#)
[Permission-notice-Sun \(107\)](#)
[Preserve Copyright Notice \(108\)](#)
[Preserve Copyright Notice \(109\)](#)
[Public-domain \(130\)](#)
[Public-domain \(131\)](#)
[Tough BSD \(144\)](#)

Espressif esp-idf 3.1

Copyright (C) 2002 by Red Hat, Incorporated. All rights reserved.
Copyright (C) 1989, 1991 Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Copyright (c) 2008, Jouni Malinen <j@w1.fi>
Copyright (c) 2010-2014, Salvatore Sanfilippo <antirez at gmail dot com>
(C) Copyright 2001,2006, International Business Machines Corporation, Sony Computer Entertainment, Incorporated, Toshiba Corp
Copyright (c) 2003-2004 Axon Digital Design B.V., The Netherlands. All rights reserved.
Copyright (c) 2005-2014 Cadence Design Systems, Inc.
copyright 2016 - 2018 乐鑫信息科技 (上海) 有限公司'
Copyright (c) 2001, Swedish Institute of Computer Science. All rights reserved.
Copyright (c) 2010 Serge A. Zaitsev
Copyright (c) 2006 Uwe Stuehler <uwe@openbsd.org>

Copyright (c) 1995 Eric Rosenquist. All rights reserved.
Copyright (c) 2006 Uwe Stuehler
Copyright (C) 2015 Angus Gratton
Copyright (c) 2000-2010 Tensilica Inc.
Copyright (C) 2017 ChaN
Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved.
Copyright (c) 2002-2005, Jouni Malinen <j@wl.fi>
Copyright (c) 1995 Alex Tatmanjants <alex@elvisti.kiev.ua> at Electronni Visti IA, Kiev, Ukraine. All rights reserved.
Copyright 2017 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2009-2010 Wind River Systems, Inc.
Copyright (c) 2016 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2002-2016, Jouni Malinen <j@wl.fi> and contributors All Rights Reserved.
Copyright (c) 2016-2017 Espressif Systems (Shanghai) PTE LTD.
Copyright Apple Inc., 2018
Copyright 1989, 1990 Advanced Micro Devices, Inc.
Copyright (c) 1998, 1999 Francis.Dupont@inria.fr, GIE DYADE, Alain.Durand@imag.fr, IMAG, Jean-Luc.Richier@imag.fr, IMAG-LSR.
Copyright (c) 2002-2003, Adam Dunkels. All rights reserved.
Copyright (c) 1999-2014 Cadence Design Systems, Inc.
Copyright (c) 2001-2003 Swedish Institute of Computer Science.
Copyright 2017-2018 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2012, Jouni Malinen <j@wl.fi>
Copyright (c) 2014 Kenneth MacKay,
Copyright (c) 2012 Two Blue Cubes Ltd. All rights reserved.
Copyright (c) 2004-2009, 2012, Jouni Malinen <j@wl.fi>
Copyright (c) 2004-2012, Jouni Malinen <j@wl.fi>
Copyright (c) 2007-2012, Jouni Malinen <j@wl.fi>
Copyright (C) 2008 Nir Tzachar <nir.tzachar@gmail.com>
Copyright (c) 2003-2007, Jouni Malinen <j@wl.fi>
Copyright 2015-2017 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 1998-2003 Thai Open Source Software Center Ltd
Copyright (c) 2015-2015 Cadence Design Systems Inc.
Copyright (c) 2010-2013, Pieter Noordhuis <pcnoordhuis at gmail dot com>
Copyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper
Copyright (c) 2004-2008, 2012, Jouni Malinen <j@wl.fi>
Copyright (c) 2008-2011, Jouni Malinen <j@wl.fi>
Copyright (c) 2003-2009, Jouni Malinen <j@wl.fi>
Copyright (C) 2008-2014 Broadcom Corporation
(c) Copyright 1986 HEWLETT-PACKARD COMPANY
Copyright (c) 2003-2005 Jouni Malinen
Copyright (C) 2016-2017, Espressif Systems (Shanghai) PTE Ltd
Copyright (C) 2014 Google, Inc.
Copyright (c) 2003, Artem B. Bityuckiy, SoftMine Corporation.
Copyright (c) 2012-2013
Copyright (c) 1999-2016 Tensilica Inc.
Copyright (C) 2001 Hans-Peter Nilsson
Copyright (c) 2012 by Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2014 dlm0
Copyright (c) 2011-2017, Ulf Magnusson
Copyright (C) 2002 Roman Zippel and others
Copyright (c) 2004-2009, Jouni Malinen <j@wl.fi>
Copyright (c) 2004-2008, Jouni Malinen <j@wl.fi>
Copyright (C) 2015 Real Time Engineers Ltd.
Copyright (c) 2002,2003,2004 Google, Inc. All rights reserved.
Copyright (c) 2003-2013, Jouni Malinen <j@wl.fi>
Copyright (c) 2000 The NetBSD Foundation, Inc. All rights reserved.
Copyright (c) 1991 by AT&T.
Copyright (c) 2001-2016 Expat maintainers
Copyright (C) 1996 by Andrey A. Chernov, Moscow, Russia. All rights reserved.
Copyright (C) 2002-2005 Sam Ravnborg <sam@ravnborg.org>
Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa
Copyright (c) 2004, 2009 Xilinx, Inc. All rights reserved.
Copyright (c) 2001 by Sun Microsystems, Inc. All rights reserved.
Copyright (C) 2015 Boris Barbulovski <bbarbulovski@gmail.com>
Copyright (c) 2003 Paul Mackerras. All rights reserved.
Copyright 2003 - 2004 Open Interface North America, Inc. All rights reserved.
Copyright (c) 1999-2016 Cadence Design Systems Inc.
Copyright (c) 2002-2011, Jouni Malinen <j@wl.fi>
Copyright (C) 2001-2012 Broadcom Corporation
Copyright (c) 2001 by Cognizant Pty Ltd.
Copyright (C) 1996 Xavier Leroy (Xavier.Leroy@inria.fr)
Copyright (c) 2010 Serge A. Zaitsev and licensed under the MIT license.
Copyright (C) 1990-1999, 2000, 2001 Free Software Foundation, Inc. Contributed by Mark Kettenis <kettenis@phys.uva.nl>, 1997
Copyright (C) 1999-2014 Broadcom Corporation
Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors
Copyright (c) 1997 Global Election Systems Inc.
Copyright (C) 2014-2016 Fredrik Ahlberg, Angus Gratton
Copyright (C) 2015 Free Software Foundation, Inc.
Copyright (c) 2003-2004 Leon Woestenberg <leon.woestenberg@axon.tv>
Copyright (c) 2006, Jouni Malinen <j@wl.fi>
Copyright 2013-2016 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 1999, 2000 Konstantin Chuguev. All rights reserved.
Copyright (C) 2002-2012 Broadcom Corporation
Copyright (C) 2009-2012 Broadcom Corporation
Copyright (C) 2003-2006 Alberto Demichelis
Copyright (c) 2002-2012, Jouni Malinen <j@wl.fi>
Copyright (C) 1998-2001,2003-2011,2013 Stewart Heitmann sheitmann@users.sourceforge.net> All rights reserved.
Copyright (c) 2002 Google, Inc. All rights reserved.
Copyright (c) 1999 Citrus Project, All rights reserved.
Copyright (c) 1998 Global Election Systems Inc.
Copyright (c) 1989 Carnegie Mellon University. All rights reserved.

Copyright (C) 2013 Tom G. Huang tomghuang@gmail.com> All rights reserved.
Copyright (C) 1999, 2000, 2001, 2002 Stephane Carrez (stcarrez@nerim.fr)
Copyright (c) 2009-2017 Dave Gamble and cJSON contributors
Copyright (c) 2004, 2005 by Ralf Corsepius, Ulm/Germany. All rights reserved.
Copyright (c) 2001, 2002 Swedish Institute of Computer Science. All rights reserved.
Copyright 2015-2016 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2004 National Semiconductor Corporation
Copyright (C) 2015 Real Time Engineers Ltd. All rights reserved
Copyright (c) 1992 Henry Spencer.
Copyright (c) 2006-2011, Jouni Malinen <j@w1.fi>
Copyright (C) 2014 The Android Open Source Project
Copyright (c) 2002 Todd C. Miller <Todd.Miller@courtesan.com>
Copyright (c) 2001-2003 Swedish Institute of Computer Science. All rights reserved.
Copyright (c) 2003 by Marc Boucher, Services Informatiques (MBSI) inc.
Copyright (c) 2013-2017 Peter Andersson,
Copyright (c) 1998 Hewlett-Packard Company
Copyright (C) 2015 Boris Barbulovski <bbarbulovski@gmail.com>.
Copyright (C) 2006-2016, ARM Limited, All Rights Reserved,
Copyright (C) 2011-2012 Broadcom Corporation
Copyright (c) 1999 Kungliga Tekniska Högskolan Royal Institute of Technology, Stockholm, Sweden). All rights reserved.
Copyright (C) 1998-2001 by Lucent Technologies All Rights Reserved
Copyright (c) 2006-2009, Jouni Malinen <j@w1.fi>
Copyright (c) 2002-2008, Jouni Malinen <j@w1.fi>
Copyright (c) 2006-2010 Tensilica Inc.
Copyright 2010-2018 Espressif Systems (Shanghai) PTE LTD
Copyright 2018-2018 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2004-2013, Jouni Malinen <j@w1.fi>
Copyright (c) 2007-14 Mike Karlesky, Mark VanderVoord, Greg Williams
Copyright (C) 2015-2018 Espressif Systems.
Copyright (c) 2008 Ed Schouten <ed@FreeBSD.org> All rights reserved.
Copyright (C) 2015 The Android Open Source Project
Copyright 2002 - 2004 Open Interface North America, Inc. All rights reserved.
Copyright (C) 2004-2012 Broadcom Corporation
Copyright (c) 2011-2012 Tensilica Inc.
Copyright (c) 2011 Ed Schouten <ed@FreeBSD.org> David Chisnall <theraven@FreeBSD.org> All rights reserved.
Copyright 2016-2018 Espressif Systems (Shanghai) PTE LTD
Copyright 2010-2017 Espressif Systems (Shanghai) PTE LTD
Copyright (C) 2017, ChaN, all right reserved.
Copyright (c) 2002 The NetBSD Foundation, Inc. All rights reserved.
Copyright (C) 2012,2014 Olaf Bergmann <bergmann@tzi.org>
Copyright (c) 2012, 2013 Tatsuhiro Tsujikawa
Copyright (C) 2005-2012 Broadcom Corporation
Copyright (C) 1999-2012 Broadcom Corporation
Copyright (c) 2011 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (c) 2010-2017 Olaf Bergmann and others, is licensed under 2-clause BSD license.
Copyright (c) 2006 by Marc Boucher, Services Informatiques (MBSI) inc.
Copyright (c) 2006-2015 Cadence Design Systems Inc.
Copyright (c) 1984,2000 S.L. Moshier
Copyright (c) 2006-2007, Jouni Malinen <j@w1.fi>
Copyright (c) 1990 The Regents of the University of California. All rights reserved.
Copyright (C) 2006-2012 Broadcom Corporation
Copyright (c) 2009 ARM Ltd All rights reserved.
Copyright 2011 Linaro
Copyright (c) 2001-2009 Tensilica Inc.
Copyright (C) 2003-2014 Broadcom Corporation
Copyright (C) 2007-2012 Broadcom Corporation
Copyright (c) 2001-2014 Cadence Design Systems, Inc.
Copyright (c) 2010 Espressif System
Copyright (c) 1997, 1998, 2005, 2008 The NetBSD Foundation, Inc. All rights reserved.
Copyright (c) 1998, 1999, 2000 Thai Open Source Software Center Ltd
Copyright (c) 2002-2008 Sam Leffler, Errno Consulting All rights reserved.
Copyright (C) 2008-2012 Broadcom Corporation
Copyright (c) 2010, Atheros Communications, Inc.
Copyright (c) 2001 Atsushi Onoe
Copyright (C) 2009 Paul Bakker <polarssl_maintainer at polarssl dot org>
Copyright (c) 2007-2009 Frédéric Bernon, Simon Goldschmidt All rights reserved.
Copyright (C) 2003-2013 Broadcom Corporation
Copyright (c) 2005-2009, Jouni Malinen <j@w1.fi>
Copyright (c) 2003-2008, Jouni Malinen <j@w1.fi>
Copyright 2010-2016 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 1994-2009 Red Hat, Inc. All rights reserved.
Copyright (C) 2014 Broadcom Corporation
Copyright (c) 1997-2002 FreeBSD Project. All rights reserved.
Copyright (c) 2005-2011 Tensilica Inc.
Copyright (c) 2007-2008 Intel Corporation
Copyright (c) 2002-2009, Jouni Malinen <j@w1.fi>
Copyright (c) 2007 Dominik Spies <kontakt@dspies.de> All rights reserved.
Copyright (c) 1999-2008 Tensilica Inc.
Copyright (c) 1993 Martin Birgmeier All rights reserved.
Copyright (C) 1998-2001,2003-2011,2013 Stewart Heitmann
Copyright (C) 2012 Broadcom Corporation
COPYRIGHT (c) 1989-2000 Written by Joel Sherrill <joel@OARcorp.com>.
Copyright 2005-2009 - Steven Rostedt
Copyright (C) 2010-2012,2015-2016 Olaf Bergmann <bergmann@tzi.org> 2015 Carsten Schoenert <c.schoenert@t-online.de>
Copyright (C) 2003-2012 Broadcom Corporation
Copyright (c) 2003 Altera Corporation All rights reserved.
Copyright (c) 2002-2013 Tensilica Inc.
Copyright (c) 2010-2016, Salvatore Sanfilippo <antirez at gmail dot com>
Copyright (c) 2006 by Tavmjong Bah. All Rights Reserved
Copyright (c) 2004-2011, Jouni Malinen <j@w1.fi>

Copyright (C) 2002 Roman Zippel <zippel@linux-m68k.org>
Copyright (c) 2012-2013 Tensilica Inc.
Copyright 2015-2018 Espressif Systems (Shanghai) PTE LTD
Copyright (c) <year> 2007-14 Mike Karlesky, Mark VanderVoord, Greg Williams
Copyright 2016 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2010-2011, Jouni Malinen <j@w1.fi>
Copyright (C) 2002-2003 Romain Lievin <roms@tilp.info>
Copyright (C) 2013 Tensilica Inc
Copyright (c) 2005-2006, Jouni Malinen <j@w1.fi>
Copyright 2006 Open Interface North America, Inc. All rights reserved.
COPYRIGHT (c) 1989-2010. On-Line Applications Research Corporation (OAR).
Copyright (c) 2012 Tensilica Inc.
Copyright 2013-2017 Espressif Systems (Shanghai) PTE LTD
Copyright (C) 2011, ChaN, all right reserved. See below for license.
copyright (c) 2002 Romain Lievin <roms@lpg.ticalc.org>.
Copyright (c) 1995, 1996, 1997 Francis.Dupont@inria.fr, INRIA Rocquencourt, Alain.Durand@imag.fr, IMAG, Jean-Luc.Richier@imag.fr
Copyright (c) 2003-2005, Jouni Malinen <j@w1.fi>
Copyright 2016-2017 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 2000, 2001 Alexey Zelkin <phantom@FreeBSD.org> All rights reserved.
Copyright (C) 2012 The Android Open Source Project
(c) 2018 Espressif Systems
Copyright (c) 2000-2014 Tensilica Inc.
Copyright (c) 2003-2012, Jouni Malinen <j@w1.fi>
Copyright (c) 2003-2004, Artem B. Bityuckiy. Rights transferred to Franklin Electronic Publishers.
Copyright (C) 2015 Real Time Engineers Ltd
Copyright (C) 1997 Gregory Pietsch
Copyright (c) 2001-2004 Leon Woestenberg <leon.woestenberg@gmx.net>
Copyright (C) 2014-2015 Broadcom Corporation
Copyright (c) 2001 Mike Barcroft <mike@FreeBSD.org> All rights reserved.
Copyright (C) 2010-2012 Broadcom Corporation
Copyright (c) 2001 Christopher G. Demetriou All rights reserved.
Copyright (c) 1997 by Global Election Systems Inc.
Copyright (c) 1991, 1993 The Regents of the University of California. All rights reserved.
copyright 2017, Espressif' author
Copyright 2018 Espressif Systems (Shanghai) PTE LTD
Copyright (c) 1992, 1993 The Regents of the University of California. All rights reserved.
Copyright (C) 2016, Espressif Systems (Shanghai) PTE Ltd
Copyright (C) 2016, Espressif Systems (Shanghai) PTE LTD
Copyright (C) 2000-2012 Broadcom Corporation
Copyright (c) 2002 CITEL Technologies Ltd. All rights reserved.
Copyright (c) 2004-2007, Jouni Malinen <j@w1.fi>
Copyright (c) 2010 Inico Technologies Ltd. All rights reserved.
Copyright (c) 2003-2015 Cadence Design Systems, Inc.
Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com> All rights reserved.
(c) Bitstream
Copyright (C) 2002-2005 Roman Zippel <zippel@linux-m68k.org>
Copyright (c) 1996-2010,2014 Texas Instruments Incorporated <http://www.ti.com/>
Copyright (c) 1993 Intel Corporation
Copyright (c) 2001-2004 Axon Digital Design B.V., The Netherlands. All rights reserved.
Copyright (C) 2006-2015 Broadcom Corporation
copyright 2016 - 2018, Espressif Systems (Shanghai) PTE LTD'
Copyright (c) 2003-2006, Jouni Malinen <j@w1.fi>
Copyright (c) 1998-2000 Thai Open Source Software Center Ltd and Clark Cooper, Copyright (c) 2001-2016 Expat maintainers
Copyright 2002-2007 Open Interface North America, Inc. All rights reserved
Copyright (c) 2005-2006 Tensilica Inc. ALL RIGHTS RESERVED.
Copyright (C) 2016-2017 Espressif Shanghai PTE LTD
Copyright 2010-2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright (C) 2002, 2010 by Red Hat, Incorporated. All rights reserved.
Copyright (c) 1981-2000 The Regents of the University of California. All rights reserved.
Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved.
Copyright (C) 2015 Google, Inc.
Copyright (c) 2009 Dave Gamble
Copyright (c) 2008-2012, Jouni Malinen <j@w1.fi>
Copyright (C) 2011, ChaN, all right reserved.
Copyright (c) 2002-2003, Adam Dunkels.
(c) UNIX System Laboratories, Inc.
Copyright 2002 SuperH, Inc. All rights reserved
Copyright (c) 1998 by Global Election Systems Inc.
copyright (c) 2010-2011 Espressif System
Copyright (c) 2003-2011, Jouni Malinen <j@w1.fi>
Copyright (c) 2014 The Android Open Source Project
Copyright (c) 2011, Adapteva, Inc. All rights reserved.
Copyright (c) 2004-2010, Jouni Malinen <j@w1.fi>
Copyright (c) 1998, 1999 Thai Open Source Software Center Ltd
Copyright (c) 1994 The Australian National University. All rights reserved.
Copyright (C) 2009-2013 Broadcom Corporation
Copyright (c) 1989 Regents of the University of California. All rights reserved.
Copyright (c) 2004 Stefan Farfeleder. All rights reserved.
Copyright (c) 1989, 1993 The Regents of the University of California. All rights reserved.
COPYRIGHT (c) 1989-2013. On-Line Applications Research Corporation (OAR).
Copyright (c) 2002-2007, Jouni Malinen <j@w1.fi>
Copyright (c) 1998, M. Warner Losh <imp@freebsd.org> All rights reserved.
Copyright (c) 1988, 1993 The Regents of the University of California. All rights reserved.
Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa, Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors
Copyright (c) 2006-2015, ARM Limited, All Rights Reserved
Copyright (c) 2001-2004 Swedish Institute of Computer Science. All rights reserved.
Copyright (c) 2010-2014 Salvatore Sanfilippo, Copyright (c) 2010-2013 Pieter Noordhuis
Copyright (c) 1993 by Sun Microsystems, Inc. All rights reserved.
Copyright (C) 2006-2008 Christophe Devine
Copyright (c) 2008 Paul Mackerras. All rights reserved.

Copyright (c) 2000-2002 Paul Mackerras. All rights reserved.
Copyright (c) Tensilica Inc
Copyright (c) 2002-2012 Tensilica Inc.
Copyright (C) 1991 DJ Delorie All rights reserved.
Copyright (c) 1989 The Regents of the University of California. All rights reserved.
Copyright (C) 2001, 2002 Swedish Institute of Computer Science
Copyright (c) 2005-2011, Jouni Malinen <j@wl.fi>
Copyright (c) 2002 Thomas Moestl <tmm@FreeBSD.org> All rights reserved.
Copyright (C) 1997 by Andrey A. Chernov, Moscow, Russia. All rights reserved.
Copyright (c) 1981, 1993 The Regents of the University of California. All rights reserved.
Copyright 1992, 1993, 1994 Henry Spencer. All rights reserved.
Copyright (c) 2007, Jouni Malinen <j@wl.fi>
copyright to Tern Inc.
Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved.
Copyright (C) 2006-2018 ARM Limited
Copyright (c) 1999-2002 Paul Mackerras. All rights reserved.
Copyright (c) 1998-2002 Tensilica Inc.
Copyright (c) 1996-2002 Paul Mackerras. All rights reserved.
Copyright (c) 2004-2008 Tensilica Inc.
Copyright (c) 2005, Jouni Malinen <j@wl.fi>
Copyright (c) 2006-2012 Tensilica Inc.
Copyright (c) 2013-2018 Frank Denis
Copyright (C) 1999-2013 Broadcom Corporation
Copyright (c) 2001 Alexey Zelkin <phantom@FreeBSD.org> All rights reserved.
Copyright (c) 2004-2008 Sam Leffler, Errno Consulting
Copyright (c) 1999 Tommi Komulainen. All rights reserved.
Copyright (c) 1994-2002 Paul Mackerras. All rights reserved.
Copyright (c) 1993-2002 Paul Mackerras. All rights reserved.
Copyright (C) 2006-2013 Broadcom Corporation
Copyright (c) 2003, 2006, 2010 Tensilica Inc.
Copyright (c) 2007-2009, Jouni Malinen <j@wl.fi>
Copyright (c) 2003-2004 Tensilica Inc.
(c) 2015 - 2017 SEGGER Microcontroller GmbH & Co. KG
Copyright (c) 2001 Daniel Eischen <deischen@FreeBSD.org>. All rights reserved.
Copyright (C) 1989, 1991 Free Software Foundation, Inc. 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Copyright (c) 2003-2004, Artem B. Bitvuckiy, SoftMine Corporation.
Copyright (c) 1998-2008, Brian Gladman, Worcester, UK. All rights reserved.
Copyright (C) Copyright 2015-2016 Espressif Systems (Shanghai) PTE LTD
Copyright Iowa State University 2009-2010.
Copyright Mike Field & Scott Lawrence
Copyright (c) 2015 Inico Technologies Ltd. All rights reserved.
Copyright (c) 2009, Jouni Malinen <j@wl.fi>

Acknowledgements:

The software was developed by the University of California, Berkeley.
This product includes software developed by the University of California, Berkeley and its contributors
This product includes software developed by Paul Mackerras
paulus@samba.org
The software was developed by Carnegie Mellon University.
Some files may be licensed under BSD-3-clause or GPL-2.0 License.
In this caset BSD-3-clause License has been chosen. This shall not restrict the freedom of future contributors to choose BSD-
This product includes software developed by Paul Mackerras
paulus@samba.org.
"This product includes software developed by Tommi Komulainen
<Tommi.Komulainen@iki.fi>"
This product includes software developed by the NetBSD
Foundation, Inc. and its contributors.

Licenses:

[--Permission-notice-Sun\(3\)](#)
[Apache-2.0\(10\)](#)
[Bitstream\(11\)](#)
[BSD-2-Clause-AUTHOR-AND-CONTRIBUTORS\(20\)](#)
[BSD-2-Clause-Author-variant\(21\)](#)
[BSD-2-Clause-NetBSD\(22\)](#)
[BSD-2-Clause COPYRIGHT HOLDERS AND CONTRIBUTORS\(23\)](#)
[BSD-3-Clause\(25\)](#)
[BSD-3-Clause\(26\)](#)
[BSD-3-Clause-Authors-variant\(28\)](#)
[BSD-3-Clause-Authors-variant\(29\)](#)
[BSD-3-clause CITEL Technologies\(32\)](#)
[BSD-3-Clause Institute and contributors\(33\)](#)
[BSD-3-Clause polarssl\(35\)](#)
[BSD-3-Clause SEGGER Microcontroller\(36\)](#)
[BSD-3-Clause STEWART HEITMANN\(37\)](#)
[BSD-3-Clause University\(39\)](#)
[BSD-4-Clause\(41\)](#)
[BSD-4-Clause\(University of California-Specific\)\(42\)](#)
[BSD-4-Clause-UC\(44\)](#)
[BSD-style\(47\)](#)
[BSD-style\(48\)](#)
[BSD-style\(49\)](#)

[BSD-style \(50\)](#)
[BSD-style \(51\)](#)
[BSD-style \(52\)](#)
[BSD-style \(53\)](#)
[BSD-style \(54\)](#)
[BSD-style \(55\)](#)
[BSD-style \(56\)](#)
[BSL-1.0 \(57\)](#)
[Copyright Notice \(58\)](#)
[Dual-license \(59\)](#)
[Dual-license \(60\)](#)
[Dual-license \(61\)](#)
[GPL-2.0 \(75\)](#)
[GPL-2.0+ \(77\)](#)
[GPL-2.0-with-FreeRTOS-exception \(79\)](#)
[GPL-2.0-with-FreeRTOS-exception \(80\)](#)
[GPL-3.0+ \(81\)](#)
[ISC \(82\)](#)
[License-of-GNU-Licenses \(86\)](#)
[MIT \(88\)](#)
[Permission Notice \(95\)](#)
[Permission Notice \(96\)](#)
[Permission Notice \(97\)](#)
[Permission Notice \(98\)](#)
[Permission Notice \(99\)](#)
[Permission Notice \(100\)](#)
[Permission Notice \(101\)](#)
[Preserve Copyright Notice \(110\)](#)
[Preserve Copyright Notice \(111\)](#)
[Preserve Copyright Notice \(112\)](#)
[Public Domain \(129\)](#)
[Public-domain \(132\)](#)
[Public-domain \(133\)](#)
[Public-domain \(134\)](#)
[Public-domain \(135\)](#)
[Public-domain \(136\)](#)
[Public-domain \(137\)](#)
[Public-domain \(138\)](#)
[Public-domain \(139\)](#)
[Public-domain \(140\)](#)
[Public-domain \(141\)](#)
[Zlib \(148\)](#)

Espressif esp32-bt-lib 3.0

Copyright (C) 2015–2016 Espressif Systems.

Licenses:

[Apache-2.0 \(10\)](#)

fmtlib 0f98773164415ef70ef35daedab115935692524

Copyright (c) 2012–2014, Victor Zverovich All rights reserved.
Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.
Copyright 2005, Google Inc. All rights reserved.
Copyright (c) 2012–2015, Victor Zverovich All rights reserved.
Copyright 2008 Google Inc. All Rights Reserved.
Copyright 2006, Google Inc. All rights reserved.
Copyright 2003 Google Inc. All rights reserved.
Copyright (c) 1995–2001 Corporation for National Research Initiatives; All Rights Reserved.
Copyright 2009 Google Inc. All Rights Reserved.
Copyright (c) 2012–2016, Victor Zverovich All rights reserved.
Copyright (c) 2016, Victor Zverovich All rights reserved.
Copyright (c) 2015, Victor Zverovich All rights reserved.
Copyright 2011–2015 Twitter, Inc.
Copyright (c) 2013 Vladimir Keleshev, vladimir@keleshev.com
Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012 Python Software Foundation; All Rights Reserved.
Copyright (c) 2012 - 2016, Victor Zverovich All rights reserved.
Copyright (c) 2012 - 2016, Victor Zverovich
Copyright (c) 2014, Victor Zverovich All rights reserved.
Copyright 2013, Google Inc. All rights reserved.
Copyright 2008, Google Inc. All rights reserved.
Copyright 2007–2015 by the Sphinx team.
Copyright 2007, Google Inc. All rights reserved.

Licenses:

[BSD-2-Clause \(19\)](#)

[MIT \(88\)](#)
[Python-2.0 \(143\)](#)
[WebM \(147\)](#)

paho.mqtt.embedded-c 1.0.0

Copyright (c) 2014 IBM Corp. and others
Copyright (c) 2014, 2015 IBM Corp.
Copyright (c) 2009, 2014 IBM Corp.
Copyright (c) 2012, 2013 IBM Corp.
Copyright (c) 2014 IBM Corp.
Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

Acknowledgements:

Dual-license

This component has certain files that can be licensed under EPL 1.0 or EDL 1.0. In this case the EDL 1.0 has been chosen. T

Licenses:

[\(2\)](#)
[Dual-license \(EPL1.0 and EDL1.0\) \(62\)](#)
[EDL-1.0 \(65\)](#)
[EPL-1.0 \(67\)](#)

span-lite 0.3.0

Copyright 2013-2018 by Martin Moene
Copyright (c) 2015 Microsoft Corporation. All rights reserved.
Copyright (c) 2015 Martin Moene
Copyright (c) 2016 Martin Moene
Copyright (c) 2018 Martin Moene
Copyright 2018 by Martin Moene
Copyright 2017-2018 by Martin Moene

Licenses:

[BSL-1.0 \(57\)](#)

License texts

1:

2:

3: --Permission-notice-Sun

Non-exclusive rights to redistribute, modify, translate, and use this software in source and binary forms, in whole or in part, is hereby granted, provided that the above copyright notice is duplicated in any source form, and that neither the name of the copyright holder nor the author is used to endorse or promote products derived from this software.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

4: Apache 1.1 style

Copyright (c) 1994-2002 Paul Mackerras. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without

prior written permission.

3. Redistributions of any form whatsoever must retain the following acknowledgment:

"This product includes software developed by Paul Mackerras
<paulus@samba.org>".

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

5: Apache License 2.0

<H1><center>Apache License

Version 2.0, January 2004</center></H1>

<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License

Subject to the terms and conditions of

this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, [no-charge, royalty-free, irrevocable copyright license](#) to reproduce, prepare Derivative Works of, publicly display, publicly perform, [sublicense](#), and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License

[Subject to the terms and conditions of this License](#), each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. [If You institute patent litigation against any entity \(including a cross-claim or counterclaim in a lawsuit\) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.](#)

4. Redistribution

[You may reproduce and distribute copies](#) of the Work or Derivative Works thereof in any medium, [with or without modifications](#), and in Source or Object form, provided that You meet the following conditions:

1.

You must give any other recipients of the Work or Derivative Works a copy of this License; and

2. You must cause any modified files to carry prominent notices stating that You changed the files; and

3. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

4. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution

notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions.

Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks.

This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty.

Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability.

In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability.

While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

<h4>

APPENDIX: How to apply the Apache License to your work

</h4>

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

<blockquote>

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.</blockquote>

6: Apache-1.1- Tommi Komulainen

Copyright (c) 1999 Tommi Komulainen. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.
3. The name(s) of the authors of this software must not be used to
endorse or promote products derived from this software without
prior written permission.
4. Redistributions of any form whatsoever must retain the following
acknowledgment:
"This product includes software developed by Tommi Komulainen
<Tommi.Komulainen@iki.fi>".

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO
THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY
SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN
AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING
OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

7: Apache-1.1-Carnegie Mellon University

Copyright (c) 1984-2000 Carnegie Mellon University. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright
notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the
distribution.
3. The name "Carnegie Mellon University" must not be used to
endorse or promote products derived from this software without
prior written permission. For permission or any legal
details, please contact
Office of Technology Transfer
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213-3890
(412) 268-4387, fax: (412) 268-7395
tech-transfer@andrew.cmu.edu
4. Redistributions of any form whatsoever must retain the following
acknowledgment:
"This product includes software developed by Computing Services
at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."

CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO
THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY
AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE
FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN

8: Apache-2.0

Apache License

Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work

or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
 - (a) You must give any other recipients of the Work or Derivative Works a copy of this License; and
 - (b) You must cause any modified files to carry prominent notices stating that You changed the files; and
 - (c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
 - (d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason

of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

9: Apache-2.0

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of t

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, docu

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additic

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Li

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a p

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a per

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or wit

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attrib

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must inc

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conc

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusio

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each C

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or other

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to c

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]"

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

10: Apache-2.0

Apache License
Version 2.0, January 2004
<http://www.apache.org/licenses/>

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of t

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, docu

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additio

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Li

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a p

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a per

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or wit

You must give any other recipients of the Work or Derivative Works a copy of this License; and

You must cause any modified files to carry prominent notices stating that You changed the files; and

You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attrib

If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must inc

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conc

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusio

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each C

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or other

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to c

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]"

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

<http://www.apache.org/licenses/LICENSE-2.0>

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

See the License for the specific language governing permissions and limitations under the License.

11: Bitstream

Bitstream Vera Fonts Copyright

Copyright (c) 2003 by Bitstream, Inc. All Rights Reserved. Bitstream Vera is a trademark of Bitstream, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of the fonts accompanying this license ("Fonts") and associated documentation files (the "Font Software"), to reproduce and distribute the Font Software, including without limitation the rights to use, copy, merge, publish, distribute, and/or sell copies of the Font Software, and to permit persons to whom the Font Software is furnished to do so, subject to the following conditions:

The above copyright and trademark notices and this permission notice shall be included in all copies of one or more of the Font Software typefaces.

The Font Software may be modified, altered, or added to, and in particular the designs of glyphs or characters in the Fonts may be modified and additional glyphs or characters may be added to the Fonts, only if the fonts are renamed to names not containing either the words "Bitstream" or the word "Vera".

This License becomes null and void to the extent applicable to Fonts or Font Software that has been modified and is distributed under the "Bitstream Vera" names.

The Font Software may be sold as part of a larger software package but no copy of one or more of the Font Software typefaces may be sold by itself.

THE FONT SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF COPYRIGHT, PATENT, TRADEMARK, OR OTHER RIGHT. IN NO EVENT SHALL BITSTREAM OR THE GNOME FOUNDATION BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, INCLUDING ANY GENERAL, SPECIAL, INDIRECT, INCIDENTAL, OR CONSEQUENTIAL DAMAGES, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF THE USE OR INABILITY TO USE THE FONT SOFTWARE OR FROM OTHER DEALINGS IN THE FONT SOFTWARE.

Except as contained in this notice, the names of Gnome, the Gnome Foundation, and Bitstream Inc., shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Font Software without prior written authorization from the Gnome Foundation or Bitstream Inc., respectively. For further information, contact: fonts at gnome dot org.

12: Boost Software License 1.0

<h1>Boost Software License - Version 1.0</h1>

<h2>August 17th, 2003</h2>

Permission is hereby granted, free of charge, to any person or organization

obtaining a copy of the software and accompanying documentation covered by

this license (the "Software") to use, reproduce, display, <a name="maximumUsageLevelLic

execute, and transmit the Software, and to prepare derivative works of the

Software, and to permit third-parties to whom the Software is furnished to

do so, all subject to the following:

The copyright notices in the Software and this entire statement, including

the above license grant, this restriction and the following disclaimer,

must be included in all copies of the Software, in whole or in part, and

all derivative works of the Software, unless such copies or derivative

works are solely in the form of machine-executable object code generated by

a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR

IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,

FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT

SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

13: BSD 2-Clause License / Variant The Author

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

14: BSD 2-Clause License / Variant The Copyright Owner or Contributors

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

15: BSD 3-Clause License / Variant D. E. Shaw Research

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer.

Neither the name of D. E. Shaw Research nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS AND CONTRIBUTORS BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

16: BSD 3-Clause License / Variant Google Inc. V2

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

17: BSD 5-Clause License / Style Indiana University

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- * All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, and the disclaimer listed in this license document.
- * All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license document in the documentation and/or other materials provided with the distribution.
- * Any documentation included with all redistributions must include the following acknowledgement: "This product is derived in whole or in part from software copyrighted by the University of Indiana."

Alternatively, this acknowledgement may appear in the software itself, and wherever such third-party acknowledgments normally appear.

- * The name Indiana University, the University of Notre Dame or "Caramel" shall not be used to endorse or promote products derived from this software without the prior written permission of the University of Indiana.

- * Products derived from this software may not be called "Caramel", nor may Indiana University, the University of Notre Dame or the University of Indiana be used in advertising or promotional materials pertaining to products derived from this software without the prior written permission of the University of Indiana.

INDIANA UNIVERSITY SOFTWARE LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY SHALL NOT BE LIABLE FOR ANY DAMAGES, INCLUDING CONSEQUENTIAL DAMAGES, ARISING FROM THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

18: BSD-2-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

19: BSD-2-Clause

Copyright (c) <YEAR>, <OWNER>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,

20: BSD-2-Clause-AUTHOR-AND-CONTRIBUTORS

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

21: BSD-2-Clause-Author-variant

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

22: BSD-2-Clause-NetBSD

NetBSD License

Copyright (c) 2008 The NetBSD Foundation, Inc.
All rights reserved.

This code is derived from software contributed to The NetBSD Foundation by

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING,

23: BSD-2-Clause_COPYRIGHT HOLDERS AND CONTRIBUTORS

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,

INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

24: BSD-3-Clause

Copyright (c) 2001, Swedish Institute of Computer Science.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

25: BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name(s) of the above-listed copyright holder(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

26: BSD-3-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name(s) of the above-listed copyright holder(s) nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR

A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

27: BSD-3-Clause-Authors-variant

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

28: BSD-3-Clause-Authors-variant

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

29: BSD-3-Clause-Authors-variant

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without prior written permission.

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY

SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

30: BSD-3-Clause-copyright-holder-variant

Copyright (c) 2002 CITEL Technologies Ltd.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of CITEL Technologies Ltd nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY CITEL TECHNOLOGIES AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL CITEL TECHNOLOGIES OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

31: BSD-3-Clause-Google Inc

Copyright (c) 2002 Google, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without prior written permission.

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

32: BSD-3-clause_CITEL Technologies

Copyright (c) 2002 CITEL Technologies Ltd.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of CITEL Technologies Ltd nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY CITEL TECHNOLOGIES AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL CITEL TECHNOLOGIES OR CONTRIBUTORS BE LIABLE

FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

33: BSD-3-Clause_Institute and contributors

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE INSTITUTE AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE INSTITUTE OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

34: BSD-3-Clause_polarssl

Copyright (C) 2009 Paul Bakker <polarssl_maintainer at polarssl dot org>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the names of PolarSSL or XySSL nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

35: BSD-3-Clause_polarssl

Copyright (C) 2009 Paul Bakker <polarssl_maintainer at polarssl dot org>

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the names of PolarSSL or XySSL nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

36: BSD-3-Clause_SEGGER Microcontroller

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- o Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- o Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- o Neither the name of SEGGER Microcontroller GmbH & Co. KG nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL SEGGER Microcontroller BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

37: BSD-3-Clause_STEWART HEITMANN

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1.Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2.Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3.Neither the name of STEWART HEITMANN nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL STEWART HEITMANN BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

38: BSD-3-Clause_UC

Copyright (c) 1991, 1993

The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

39: BSD-3-Clause_University

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

40: BSD-4-Clause

Copyright (c) 2002 The NetBSD Foundation, Inc.
All rights reserved.

This code is derived from software contributed to The NetBSD Foundation by Martin Husemann <martin@NetBSD.org>.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the NetBSD Foundation, Inc. and its contributors.
4. Neither the name of The NetBSD Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES,

41: BSD-4-Clause

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the NetBSD Foundation, Inc. and its contributors.
4. Neither the name of The NetBSD Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE NETBSD FOUNDATION, INC. AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

42: BSD-4-Clause (University of California-Specific)

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the

University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

43: BSD-4-Clause-UC

Copyright (c) 1989 The Regents of the University of California.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement:
This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

44: BSD-4-Clause-UC

BSD-4-Clause (University of California-Specific)

Copyright [various years] The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgement: This product includes software developed by the University of California, Berkeley and its contributors.
4. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

45: BSD-style

Copyright (c) 1998-2008, Brian Gladman, Worcester, UK. All rights reserved.

LICENSE TERMS

The redistribution and use of this software (with or without changes) is allowed without the payment of fees or royalties provided that:

1. source code distributions include the above copyright notice, this list of conditions and the following disclaimer;
2. binary distributions include the above copyright notice, this list of conditions and the following disclaimer in their documentation;
3. the name of the copyright holder is not used to endorse products built using this software without specific written permission.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

46: BSD-style

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

47: BSD-style

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name "Carnegie Mellon University" must not be used to endorse or promote products derived from this software without prior written permission. For permission or any legal details, please contact
Office of Technology Transfer
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213-3890
(412) 268-4387, fax: (412) 268-7395
tech-transfer@andrew.cmu.edu
4. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by Computing Services at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."

CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

48: BSD-style

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without prior written permission.
4. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by Tommi Komulainen <Tommi.Komulainen@iki.fi>".

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

49: BSD-style

Redistribution, modification, and use in source and binary forms is permitted provided that the above copyright notice and following paragraph are duplicated in all such forms.

This file is distributed WITHOUT ANY WARRANTY; without even the implied

warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

50: BSD-style

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without prior written permission.
4. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by Paul Mackerras < paulus@samba.org >".

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name "Carnegie Mellon University" must not be used to endorse or promote products derived from this software without prior written permission. For permission or any legal details, please contact
Office of Technology Transfer
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213-3890
(412) 268-4387, fax: (412) 268-7395
tech-transfer@andrew.cmu.edu
4. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by Computing Services at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."

CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

51: BSD-style

FatFs module is an open source software. Redistribution and use of FatFs in source and binary forms, with or without modification, are permitted provided that the following condition is met:

1. Redistributions of source code must retain the above copyright notice, this condition and the following disclaimer.

This software is provided by the copyright holder and contributors "AS IS" and any warranties related to this software are DISCLAIMED.
The copyright owner or contributors be NOT LIABLE for any damages caused by use of this software.

52: BSD-style

Non-exclusive rights to redistribute, modify, translate, and use this software in source and binary forms, in whole or in part, is hereby granted, provided that the above copyright notice is duplicated in any source form, and that neither the name of the copyright holder nor the author is used to endorse or promote products derived from this software.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

53: BSD-style

LICENSE TERMS

The redistribution and use of this software (with or without changes) is allowed without the payment of fees or royalties provided that:

1. source code distributions include the above copyright notice, this list of conditions and the following disclaimer;
2. binary distributions include the above copyright notice, this list of conditions and the following disclaimer in their documentation;
3. the name of the copyright holder is not used to endorse products built using this software without specific written permission.

DISCLAIMER

This software is provided 'as is' with no explicit or implied warranties in respect of its properties, including, but not limited to, correctness and/or fitness for purpose.

54: BSD-style

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without prior written permission.
3. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by Paul Mackerras <paulus@samba.org>".

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

55: BSD-style

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name "Carnegie Mellon University" must not be used to endorse or promote products derived from this software without prior written permission. For permission or any legal details, please contact
Office of Technology Transfer
Carnegie Mellon University
5000 Forbes Avenue
Pittsburgh, PA 15213-3890

(412) 268-4387, fax: (412) 268-7395
tech-transfer@andrew.cmu.edu

4. Redistributions of any form whatsoever must retain the following acknowledgment:

"This product includes software developed by Computing Services at Carnegie Mellon University (<http://www.cmu.edu/computing/>)."

CARNEGIE MELLON UNIVERSITY DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL CARNEGIE MELLON UNIVERSITY BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name(s) of the authors of this software must not be used to endorse or promote products derived from this software without prior written permission.
4. Redistributions of any form whatsoever must retain the following acknowledgment:
"This product includes software developed by Tommi Komulainen <Tommi.Komulainen@iki.fi>".

THE AUTHORS OF THIS SOFTWARE DISCLAIM ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

56: BSD-style

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by Carnegie Mellon University. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

57: BSL-1.0

Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER

58: Copyright Notice

The newlib subdirectory is a collection of software from several sources.

Each file may have its own copyright/license that is embedded in the source file. Unless otherwise noted in the body of the source file(s), the following copyright notices will apply to the contents of the newlib subdirectory:

(1) Red Hat Incorporated

Copyright (c) 1994-2009 Red Hat, Inc. All rights reserved.

This copyrighted material is made available to anyone wishing to use, modify, copy, or redistribute it subject to the terms and conditions of the BSD License. This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY expressed or implied, including the implied warranties of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. A copy of this license is available at <http://www.opensource.org/licenses>. Any Red Hat trademarks that are incorporated in the source code or documentation are not subject to the BSD License and may only be used or replicated with the express permission of Red Hat, Inc.

(2) University of California, Berkeley

Copyright (c) 1981-2000 The Regents of the University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(3) David M. Gay (AT&T 1991, Lucent 1998)

The author of this software is David M. Gay.

Copyright (c) 1991 by AT&T.

Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.

THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR AT&T MAKES ANY REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

The author of this software is David M. Gay.

Copyright (C) 1998-2001 by Lucent Technologies
All Rights Reserved

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that the copyright notice and this permission notice and warranty disclaimer appear in supporting documentation, and that the name of Lucent or any of its entities not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

LUCENT DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE,

INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL LUCENT OR ANY OF ITS ENTITIES BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

(4) Advanced Micro Devices

Copyright 1989, 1990 Advanced Micro Devices, Inc.

This software is the property of Advanced Micro Devices, Inc (AMD) which specifically grants the user the right to modify, use and distribute this software provided this notice is not removed or altered. All other rights are reserved by AMD.

AMD MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THIS SOFTWARE. IN NO EVENT SHALL AMD BE LIABLE FOR INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THE FURNISHING, PERFORMANCE, OR USE OF THIS SOFTWARE.

So that all may benefit from your experience, please report any problems or suggestions about this software to the 29K Technical Support Center at 800-29-29-AMD (800-292-9263) in the USA, or 0800-89-1131 in the UK, or 0031-11-1129 in Japan, toll free. The direct dial number is 512-462-4118.

Advanced Micro Devices, Inc.
29K Support Products
Mail Stop 573
5900 E. Ben White Blvd.
Austin, TX 78741
800-292-9263

(5)

(6)

(7) Sun Microsystems

Copyright (C) 1993 by Sun Microsystems, Inc. All rights reserved.

Developed at SunPro, a Sun Microsystems, Inc. business.
Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

(8) Hewlett Packard

(c) Copyright 1986 HEWLETT-PACKARD COMPANY

To anyone who acknowledges that this file is provided "AS IS" without any express or implied warranty:

permission to use, copy, modify, and distribute this file for any purpose is hereby granted without fee, provided that the above copyright notice and this notice appears in all copies, and that the name of Hewlett-Packard Company not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose.

(9) Hans-Peter Nilsson

Copyright (C) 2001 Hans-Peter Nilsson

Permission to use, copy, modify, and distribute this software is freely granted, provided that the above copyright notice, this notice and the following disclaimer are preserved with no changes.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

(10) Stephane Carrez (m68hc11-elf/m68hc12-elf targets only)

Copyright (C) 1999, 2000, 2001, 2002 Stephane Carrez (stcarrez@nerim.fr)

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice is included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses. Modifications to this software may be copyrighted by their authors and need not follow the licensing terms described here, provided that the new terms are clearly indicated on the first page of each file where they apply.

(11) Christopher G. Demetriou

Copyright (c) 2001 Christopher G. Demetriou
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(12) SuperH, Inc.

Copyright 2002 SuperH, Inc. All rights reserved

This software is the property of SuperH, Inc (SuperH) which specifically grants the user the right to modify, use and distribute this software provided this notice is not removed or altered. All other rights are reserved by SuperH.

SUPERH MAKES NO WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, WITH REGARD TO THIS SOFTWARE. IN NO EVENT SHALL SUPERH BE LIABLE FOR INDIRECT, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES IN CONNECTION WITH OR ARISING FROM THE FURNISHING, PERFORMANCE, OR USE OF THIS SOFTWARE.

So that all may benefit from your experience, please report any problems or suggestions about this software to the SuperH Support Center via e-mail at softwaresupport@superh.com .

SuperH, Inc.
405 River Oaks Parkway
San Jose
CA 95134
USA

(13) Royal Institute of Technology

Copyright (c) 1999 Kungliga Tekniska Högskolan
(Royal Institute of Technology, Stockholm, Sweden).
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of KTH nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY KTH AND ITS CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL KTH OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(14) Alexey Zelkin

Copyright (c) 2000, 2001 Alexey Zelkin <phantom@FreeBSD.org>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions

are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(15) Andrey A. Chernov

Copyright (C) 1997 by Andrey A. Chernov, Moscow, Russia.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(16) FreeBSD

Copyright (c) 1997-2002 FreeBSD Project.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(17) S. L. Moshier

Author: S. L. Moshier.

Copyright (c) 1984,2000 S.L. Moshier

Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.

THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, THE AUTHOR MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

(18) Citrus Project

Copyright (c)1999 Citrus Project,
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(19) Todd C. Miller

Copyright (c) 1998 Todd C. Miller <Todd.Miller@courtesan.com>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(20) DJ Delorie (i386)
Copyright (C) 1991 DJ Delorie
All rights reserved.

Redistribution, modification, and use in source and binary forms is permitted provided that the above copyright notice and following paragraph are duplicated in all such forms.

This file is distributed WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

(21) Free Software Foundation LGPL License (*-linux* targets only)

Copyright (C) 1990-1999, 2000, 2001 Free Software Foundation, Inc.
This file is part of the GNU C Library.
Contributed by Mark Kettenis <kettenis@phys.uva.nl>, 1997.

The GNU C Library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

The GNU C Library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with the GNU C Library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

(22) Xavier Leroy LGPL License (i[3456]86-*-*linux* targets only)

Copyright (C) 1996 Xavier Leroy (Xavier.Leroy@inria.fr)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2

of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

(23) Intel (i960)

Copyright (c) 1993 Intel Corporation

Intel hereby grants you permission to copy, modify, and distribute this software and its documentation. Intel grants this permission provided that the above copyright notice appears in all copies and that both the copyright notice and this permission notice appear in supporting documentation. In addition, Intel grants this permission provided that you prominently mark as "not part of the original" any modifications made to this software or documentation, and that the name of Intel Corporation not be used in advertising or publicity pertaining to distribution of the software or the documentation without specific, written prior permission.

Intel Corporation provides this AS IS, WITHOUT ANY WARRANTY, EXPRESS OR IMPLIED, INCLUDING, WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE. Intel makes no guarantee or representations regarding the use of, or the results of the use of, the software and documentation in terms of correctness, accuracy, reliability, currentness, or otherwise; and you rely on the software, documentation and results solely at your own risk.

IN NO EVENT SHALL INTEL BE LIABLE FOR ANY LOSS OF USE, LOSS OF BUSINESS, LOSS OF PROFITS, INDIRECT, INCIDENTAL, SPECIAL OR CONSEQUENTIAL DAMAGES OF ANY KIND. IN NO EVENT SHALL INTEL'S TOTAL LIABILITY EXCEED THE SUM PAID TO INTEL FOR THE PRODUCT LICENSED HEREUNDER.

(24) Hewlett-Packard (hppa targets only)

(c) Copyright 1986 HEWLETT-PACKARD COMPANY

To anyone who acknowledges that this file is provided "AS IS" without any express or implied warranty:

permission to use, copy, modify, and distribute this file for any purpose is hereby granted without fee, provided that the above copyright notice and this notice appears in all copies, and that the name of Hewlett-Packard Company not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission. Hewlett-Packard Company makes no representations about the suitability of this software for any purpose.

(25) Henry Spencer (only *-linux targets)

Copyright 1992, 1993, 1994 Henry Spencer. All rights reserved. This software is not subject to any license of the American Telephone and Telegraph Company or of the Regents of the University of California.

Permission is granted to anyone to use this software for any purpose on any computer system, and to alter it and redistribute it, subject to the following restrictions:

1. The author is not responsible for the consequences of use of this software, no matter how awful, even if they arise from flaws in it.
2. The origin of this software must not be misrepresented, either by explicit claim or by omission. Since few users ever read sources, credits must appear in the documentation.
3. Altered versions must be plainly marked as such, and must not be misrepresented as being the original software. Since few users ever read sources, credits must appear in the documentation.
4. This notice may not be removed or altered.

(26) Mike Barcroft

Copyright (c) 2001 Mike Barcroft <mike@FreeBSD.org>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE

ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(27) Konstantin Chuguev (--enable-newlib-iconv)

Copyright (c) 1999, 2000

Konstantin Chuguev. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

iconv (Charset Conversion Library) v2.0

(28) Artem Bityuckiy (--enable-newlib-iconv)

Copyright (c) 2003, Artem B. Bityuckiy, SoftMine Corporation.

Rights transferred to Franklin Electronic Publishers.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(29) IBM, Sony, Toshiba (only spu-* targets)

(C) Copyright 2001,2006,
International Business Machines Corporation,
Sony Computer Entertainment, Incorporated,
Toshiba Corporation,

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the names of the copyright holders nor the names of their contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF

SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(30) - Alex Tatmanjants (targets using libc/posix)

Copyright (c) 1995 Alex Tatmanjants <alex@elvisti.kiev.ua>
at Electronni Visti IA, Kiev, Ukraine.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(31) - M. Warner Losh (targets using libc/posix)

Copyright (c) 1998, M. Warner Losh <imp@freebsd.org>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(32) - Andrey A. Chernov (targets using libc/posix)

Copyright (C) 1996 by Andrey A. Chernov, Moscow, Russia.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(33) - Daniel Eischen (targets using libc/posix)

Copyright (c) 2001 Daniel Eischen <deischen@FreeBSD.org>.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(34) - Jon Beniston (only lm32-* targets)

Contributed by Jon Beniston <jon@beniston.com>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(35) - ARM Ltd (arm and thumb variant targets only)

Copyright (c) 2009 ARM Ltd
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the company may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY ARM LTD ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL ARM LTD BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(36) - Xilinx, Inc. (microblaze-* and powerpc-* targets)

Copyright (c) 2004, 2009 Xilinx, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of Xilinx nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDER AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(37) Texas Instruments Incorporated (tic6x-*, *-tirtos targets)

Copyright (c) 1996-2010,2014 Texas Instruments Incorporated
<http://www.ti.com/>

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Texas Instruments Incorporated nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(38) National Semiconductor (cr16-* and crx-* targets)

Copyright (c) 2004 National Semiconductor Corporation

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice is included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses. Modifications to this software may be copyrighted by their authors and need not follow the licensing terms described here, provided that the new terms are clearly indicated on the first page of each file where they apply.

(39) - Adapteva, Inc. (epiphany-* targets)

Copyright (c) 2011, Adapteva, Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met: Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Adapteva nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,

OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(40) - Altera Corporation (nios2-* targets)

Copyright (c) 2003 Altera Corporation
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- o Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- o Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- o Neither the name of Altera Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY ALTERA CORPORATION, THE COPYRIGHT HOLDER, AND ITS CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(41) Ed Schouten - Free BSD

Copyright (c) 2008 Ed Schouten <ed@FreeBSD.org>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

59: Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

Alternatively, this software may be distributed under the terms of BSD license.

60: Dual-license

See the README file for the current license terms.

This software was previously distributed under BSD/GPL v2 dual license terms that allowed either of those license alternatives to be selected. As of February 11, 2012, the project has chosen to use only the BSD license option for future distribution. As such, the GPL v2 license option is no longer used. It should be noted that the BSD license option (the one with advertisement clause removed) is compatible with GPL and as such, does not prevent use of this software in projects that use GPL.

Some of the files may still include pointers to GPL version 2 license terms. However, such copyright and license notifications are maintained only for attribution purposes and any distribution of this software after February 11, 2012 is no longer under the GPL v2 option.

61: Dual-license

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

Alternatively, this software may be distributed under the terms of BSD license.

62: Dual-license (EPL1.0 and EDL1.0)

It is dual licensed under the EPL and EDL.

All rights reserved. This program and the accompanying materials are made available under the terms of the Eclipse Public I

The Eclipse Public License is available at
<http://www.eclipse.org/legal/epl-v10.html>
and the Eclipse Distribution License is available at
<http://www.eclipse.org/org/documents/edl-v10.php>.

63: Dual-license (GPL V2.0 or BSD-3-Clause_UC)

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License version 2 as published by the Free Software Foundation.

Alternatively, this software may be distributed under the terms of BSD license.

64: EDL-1.0

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

65: EDL-1.0

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this

software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

66: EPL-1.0

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR I

1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
- b) in the case of each subsequent Contributor:
 - i) changes to the Program, and
 - ii) additions to the Program;where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contributor "Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its C

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

- a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free
- b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free
- c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assuran
- d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant

3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
- b) its license agreement:
 - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranti
 - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incide
 - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other p
 - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a rWhen the Program is made available in source code form:

- a) it must be made available under this Agreement; and
 - b) a copy of this Agreement must be included with each copy of the Program.
- Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subse

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITION

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRE

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enfc

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditior

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is c

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of Am

67: EPL-1.0

Eclipse Public License - v 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR I

1. DEFINITIONS

"Contribution" means:

- a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and
 - b) in the case of each subsequent Contributor:
 - i) changes to the Program, and
 - ii) additions to the Program;
- where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contributor "Contributor" means any person or entity that distributes the Program.

"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its C

"Program" means the Contributions distributed in accordance with this Agreement.

"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.

2. GRANT OF RIGHTS

- a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free
 - b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free
 - c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assuran
 - d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant
- ### 3. REQUIREMENTS

A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:

- a) it complies with the terms and conditions of this Agreement; and
 - b) its license agreement:
 - i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranti
 - ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incide
 - iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other p
 - iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a r
- When the Program is made available in source code form:

- a) it must be made available under this Agreement; and
 - b) a copy of this Agreement must be included with each copy of the Program.
- Contributors may not remove or alter any copyright notices contained within the Program.

Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subse

4. COMMERCIAL DISTRIBUTION

Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the

For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a

5. NO WARRANTY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIO

6. DISCLAIMER OF LIABILITY

EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRE

7. GENERAL

If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enfc

If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging

All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditior

Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is c

This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of An

68: FSF Unlimited License

<h1>FSF Unlimited License</h1>

This configure script is free software; the Free Software Foundation gives unlimited permi

69: FSF Unlimited License (with License Retention and Disclaimer)

This file is free software; the Free Software Foundation

gives unlimited permission to copy and/or distribute it,

with or without modifications, as long as this notice is preserved.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY, to the extent permitted by law; without
even the implied warranty of MERCHANTABILITY or FITNESS FOR A
PARTICULAR PURPOSE.

70: FSF Unlimited License (with License Retention)

<h1>FSF Unlimited License - License Retention Variant</h1>

This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or without modifications, as long as this notice is preserved.

71: GNU General Public License v2.0 or later w/Autoconf exception

<H1>Autoconf GPL 2.0 or later with Exception</H1>
<!-- Title added by Steve Snow of Black Duck Software for identification purposes only -->
As a special exception, the Free Software Foundation gives unlimited permission to copy, distribute and modify the configure scripts that are the output of Autoconf. You need not follow the terms of the GNU General Public License when using or distributing such scripts, even though portions of the text of Autoconf appear in them. The GNU General Public License (GPL) does govern all other use of the material that constitutes the Autoconf program.

Certain portions of the Autoconf source text are designed to be copied (in certain cases, depending on the input) into the output of Autoconf. We call these the "data" portions. The rest of the Autoconf source text consists of comments plus executable code that decides which of the data portions to output in any given case. We call these comments and executable code the "non-data" portions. Autoconf never copies any of the non-data portions into its output.

This special exception to the GPL applies to versions of Autoconf released by the Free Software Foundation. When you make and distribute a modified version of Autoconf, you may extend this special exception to the GPL to apply to your modified version as well, *unless* your modified version has the potential to copy into its output some of the text that was the non-data portion of the version that you started with. (In other words, unless your change moves or copies text from the non-data portions to the data portions.) If your modification has such potential, you must delete any notice of this special exception to the GPL from your modified version.

<h1>The GNU General Public License (GPL)</h1>
<h2>Version 2, June 1991</h2>
<div style="background-color: #eeeeee">
<pre style="margin-left: 14px;">
<tt>Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA</tt>
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
</pre>
</div>
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Pu

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender t

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the ri

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permi

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

1 This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The

2 You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange

3 You may modify your copy or copies of the Program or any portion of it, thus adapting it to a particular local

4

4 You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

5

You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any

6 If the modified program normally reads commands interactively when run, you must cause it to display

7

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program)

8 You may copy and distribute the Program (or a work based on it, under

9

9 Accompany it with the complete corresponding machine-readable source code, either on a physical medium or

Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your

Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative

10

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent

11 You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt

12 You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to

13 Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license

14 If, as a consequence of a court judgment or allegation of patent infringement, you are unable to

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest valid

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted intell

The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Suc

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applie

If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, writ

NO WARRANTY

BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most e

```
<div style="background-color: #e0e0e0">
<pre style="margin-left: 14px;">
<span style="font-style: italic;">one line to give the program's name and a brief idea of what it does.</span>
Copyright (C)
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

</pre>
</div>
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
<div style="background-color: #e0e0e0">
<pre style="margin-left: 14px;">
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
</pre>
</div>
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, t
```

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for


```
<div style="background-color: #eeeeee">
<pre style="margin-left: 14px;">
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice

```
</pre>
</div>
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subrou

72: GNU General Public License v3.0 or later with Bison exception 2.2

```
<h1>GNU General Public License v3.0 or later with Bison exception 2.2</h1>
<!-- Title added by Steve Snow of Black Duck Software for identification purposes only -->
As a special exception, you may create a larger work that contains part or all of the Bison parser skeleton and distribute t
```

This special exception was added by the Free Software Foundation in version 2.2 of Bison.

```
<h2>GNU GENERAL PUBLIC LICENSE</h2>
Version 3, 29 June 2007
```

```
Copyright (C) 2007 Free Software Foundation, Inc.
<a href="http://fsf.org/">
```

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

```
<h3>Preamble</h3>
```

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of

protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official

standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.

The Corresponding Source for a work in source code form is that same work.

<h4>2. Basic Permissions.</h4>

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

<h4>3. Protecting Users' Legal Rights From Anti-Circumvention Law.</h4>

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.

<h4>4. Conveying Verbatim Copies.</h4>

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and [give all recipients a copy of this License along with the Program.](#)

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, [or the modifications to produce it from the Program](#), in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

- a) [The work must carry prominent notices stating that you modified it, and giving a relevant date.](#)
- b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".
- c) [You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy.](#) [This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged.](#) This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.
- d) [If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.](#)

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

[You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:](#)

- a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.
- b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.
- c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.
- d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no

further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

<h4>7. Additional Terms.</h4>

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place

additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

- a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or
- b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or
- c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or
- d) Limiting the use for publicity purposes of names of licensors or authors of the material; or
- e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or
- f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

<h4>8. Termination.</h4>

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.

<h4>9. Acceptance Not Required for Having Copies.</h4>

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

<h4>10. Automatic Licensing of Downstream Recipients.</h4>

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

<h4>11. Patents.</h4>

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

<h4>12. No Surrender of Others' Freedom.</h4>

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

<h4>13. Use with the GNU Affero General Public License.</h4>

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

<h4>14. Revised Versions of this License.</h4>

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

<h4>15. Disclaimer of Warranty.</h4>

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively state the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<pre> <one line to give the program's name and a brief idea of what it does.>
```

```
Copyright (C) <year> <name of author>
```

```
This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.
```

```
</pre>
```

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<pre> <program> Copyright (C) <year> <name of author>
```

```
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
```

```
</pre>
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,

if any, to sign a "copyright disclaimer" for the program, if necessary.
For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

73: GNU Lesser General Public License v2.1 only

```
<h2>GNU Lesser General Public License Version 2.1 Only</h2>
<!-- Title added by Steve Snow of Black Duck Software for identification purposes only -->
"This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public Lic

<h1>GNU Lesser General Public License</h1><tt>Version 2.1, February 1999

</tt>
<dl>
<dd>Copyright (C) 1991, 1999 Free Software Foundation, Inc.

<dd>59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

<dd>Everyone is permitted to copy and distribute verbatim copies

<dd>of this license document, but changing it is not allowed.

<dd>[This is the first released version of the Lesser GPL. It also counts

<dd>as the successor of the GNU Library Public License, version 2, hence

<dd>the version number 2.1.]

</dl><h2>Preamble</h2>The licenses for most software are designed to take away your freedom to share and change it. By contra

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to ma

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surre

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the right

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives y

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the libra

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company ca

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Les

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so tha

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large
```

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program has the freedom to copy, distribute and modify the program. The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between the terms of the Lesser General Public License and the GNU General Public License.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or work that is distributed under the terms of this License. A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means a work which uses material from the Library, but contains no derivative of any portion of the Library. "Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means the source code for all modules used by the library, plus any modules which they use. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The following provisions are required by the GNU General Public License to be included in any license that is compatible with the GNU General Public License.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you copy, distribute and maintain it subject to the following conditions:

a) You may charge a fee for the physical act of transferring a copy, and you may at the same time offer warranty protection in addition to the warranty protection provided by GNU.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that is not a part of the Library, you must make a good faith effort to ensure that the program in question can be obtained and executed in the normal course of business on a computer that is part of the operating system of the user.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. However, an application which computes square roots generally uses a table of data to provide the root of particular numbers. A function which supplies numbers to the square root function has a purpose that is entirely dependent on the application.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License does not apply to those sections (and you may distribute them under separate terms). However, the linker or other separate tool used to build another executable from the modified Library cannot be considered a separate work. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to claim those rights and contend your rights to work based on the Library. In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) does not by itself cause the resulting work to be covered by this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies of that copy made by you or any other person. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of the ordinary GNU General Public License, provided that you distribute it with the GNU General Public License (it is a good idea to include copies of this License with it) and to provide an offer of warranty for it, as you would for a work distributed under the GNU General Public License.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by using the interface provided in the Library, is not covered by this License. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), and the executable is therefore covered by this License. When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work is a derivative of the Library. However, linking a "work that uses the Library" with the Library using only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (referred to in this section as "interface elements"), is not covered by this License. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (referred to in this section as "interface elements"), it is not covered by this License. However, linking a "work that uses the Library" with the Library using only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (referred to in this section as "interface elements"), is not covered by this License. However, linking a "work that uses the Library" with the Library using only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (referred to in this section as "interface elements"), is not covered by this License.

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to form a larger work. You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are

<dl>

<dd>a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes you have made.

<dd>b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time only the shared library you use, (2) does not bring any other shared libraries into the running process, and (3) is thread-safe.

<dd>c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Section 7, provided that you charge no more than your cost for those materials.

<dd>d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy in a convenient form upon request.

<dd>e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

</dl>For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable in the form intended by the author.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the executable and which you need for reproducing the executable in the form intended by the author. You may place such libraries either in a separate archive file accompanying the work or in a shared library file.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities in a larger library, provided that you do not link with any other library facilities in a shared library file.

<dl>

<dd>a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. If you link the combined library with any other library facilities, you must provide separate copies of the work based on the Library, uncombined with any other library facilities. This requirement can be waived if you can prove that your combined library is so designed that each time it invokes the Library's facilities (such as by making a separate system call to a utility program) the work based on the Library is copied into memory and the combined library works with the copied work.

<dd>b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explain how to copy the work based on the Library, uncombined with any other library facilities. This requirement can be waived if you can prove that your combined library is so designed that each time it invokes the Library's facilities (such as by making a separate system call to a utility program) the work based on the Library is copied into memory and the combined library works with the copied work.

</dl>8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt to sublicense the Library or to use the Library in a way that does not fall within the scope of this License is void.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or to distribute the Library, or to sublicense it under different terms, unless you receive a separate arrangement from the copyright holder for such use. You may distribute the Library under the conditions of another license, provided that you license the Library under a license that does not impose restrictions that are contrary to the spirit of this License or to its provisions.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, modify, sublicense, link with, or distribute the Library, provided that you also meet all of the above conditions of this License. You may distribute the Library under the terms of another license, provided that you license the Library under a license that does not impose restrictions that are contrary to the spirit of this License or to its provisions.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent infringement), you are not permitted to copy, modify, sublicense, link with, or distribute the Library, or if you have received such a judgment or allegation and you are unable to defend your actions from such judgment or allegation, you may still do so under the conditions of this License, provided that you also meet all of the above conditions of this License. In that case, your license will terminate immediately if you fail to comply with any of these conditions of this License, and you must stop distributing the Library under the original license at that time; nevertheless, any copies that you have already distributed will remain valid if they conform to the conditions of this License.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section shall remain in effect and the entire section shall be interpreted to apply to such extent as is possible. In that case, you must choose the version of this License that applies to the portion that remains in effect.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims. In that case, your license will terminate immediately if you fail to comply with any of these conditions of this License, and you must stop distributing the Library under the original license at that time; nevertheless, any copies that you have already distributed will remain valid if they conform to the conditions of this License.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted rights, you may make a separate arrangement for this restriction with the copyright holder. For any other country, you may distribute and/or use the Library under the terms of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and you wish to use the Library under that version, you must comply with that version. If the Library does not specify a version number of this License that applies to it and you wish to use the Library under this License, you may choose any version of the License under which to use the Library.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with those of the License, you may do so provided that your incorporated parts comply with the original license that governs those parts. This may be done only on the condition that your original program's overall distribution is under the terms of this License. In that case, you must add the following text to your program's license:

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT AS OTHERWISE STATED IN A SEPARATE STATEMENT OR IN WRITING, THE LIBRARY IS PROVIDED WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. YOU ARE ADVISED THAT YOUR WARRANTY RIGHTS MAY BE LIMITED BY APPLICABLE STATE AND FEDERAL LAWS.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY V

<h2>END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries</h2>If you develop a new library, and you want it to be of the greatest possib

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source fi

<dl>

<dd>one line to give the library's name and an idea of what it does.

<dd>Copyright (C) year name of author

<dd>This library is free software; you can redistribute it and/or

<dd>modify it under the terms of the GNU Lesser General Public

<dd>License as published by the Free Software Foundation; either

<dd>version 2.1 of the License, or (at your option) any later version.

<dd>This library is distributed in the hope that it will be useful,

<dd>but WITHOUT ANY WARRANTY; without even the implied warranty of

<dd>MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU

<dd>Lesser General Public License for more details.

<dd>You should have received a copy of the GNU Lesser General Public

<dd>License along with this library; if not, write to the Free Software

<dd>Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

</dl>Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for

<dl>

<dd>Yoyodyne, Inc., hereby disclaims all copyright interest in

<dd>the library `Frob' (a library for tweaking knobs) written

<dd>by James Random Hacker.

<dd>signature of Ty Coon, 1 April 1990

<dd>Ty Coon, President of Vice

</dl>That's all there is to it!

GNU GENERAL PUBLIC LICENSE
Preamble
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION
How to Apply These Terms to Your New Programs
GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is designed to make sure that you have the freedom to share and change the software. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to share and change the software. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights to others. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must also make sure that they receive the same rights. We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and modify the software. Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for the software and for any derivatives. Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will ask us for payment to avoid the danger that redistributors of a free program will ask us for payment. The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this License. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The copyright holder does not warrant that the program's source code will be made available to any corresponding recipient.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you copy, distribute and modify it under the terms of this License. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute the modified work under the terms of this License, provided that you also meet all of the following requirements:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed under the terms of this License, or any later version published by the Free Software Foundation.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such a purpose, to display the commands and output in such a way as to make it clear that it is your modified version of the Program.

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and are licensed under separate terms (as with a compilation), the requirements do not apply to those sections.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to claim those rights and contest them to the maximum extent possible under the law. In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium, such as a CD-ROM, does not bring the entire work under the License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of this License, provided that you also meet all of the following requirements:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of this License, or any later version published by the Free Software Foundation.
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of providing the source code, a complete machine-readable copy of the corresponding source code.
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative to source code distribution is not required if distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place would be sufficient.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means the source code for all modules it contains (and, where applicable, the source code for all modules it interacts with).

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as they remain in full compliance with the License.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to copy, modify, sublicense, or distribute the Program. Only those who have received your explicit permission are authorized to do so.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, modify, sublicense, or distribute the Program, subject to the restrictions in this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent infringement), there is a restriction on the ability to sublicense or distribute the Program, it is not the intent of this section to induce you to infringe any patents or other property right claims or to contest the validity of any such claims. In such a case, you may still distribute the Program in object code or executable form, provided that you do not advertise, promote, or otherwise attempt to circumvent the restriction.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section shall remain in full force and effect. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest the validity of any such claims. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted intellectual property, you may restrict distribution and/or use in those countries.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be published in the future under the same name as the present version.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it, you must follow the terms of that version of the License. If the Program does not specify a version number of this License, you may follow the terms of any later version published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write the license for the combined work in a way that does not impose any of the restrictions of the License on the other programs.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT AS EXPRESSLY SET FORTH IN THIS LICENSE, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR EXTEND THIS LICENSE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES, ARISING OUT OF THE USE OF THIS LICENSE, EVEN IF YOU HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. THE LIABILITY IS LIMITED TO THE EXTENT PERMITTED BY APPLICABLE LAW.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively give the user one line to give the program's name and an idea of what it does.

```
Copyright (C) yyyy name of author
```

```
This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.
```

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the program should only run on systems that can execute such hypothetical commands.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for you.

```
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.
```

```
Signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subprogram of a proprietary program, you must at least arrange to protect the program as a whole to ensure that the program as a whole is not a proprietary program.

75: GPL-2.0

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all forever. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge a price for the physical act of transferring a copy), and to receive updates from the developers if you wish. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights to others. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must also make sure that you receive what you need to protect your rights. We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and modify the software. Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for the software and for any modified versions. Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will accidently patent the program, thus taking away your freedom to copy and change it. The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this License. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The copyright holder's consent does not extend to other kinds of copying, such as that for general distribution, for advertising or promotional purposes, for creating new collective works, or for resale.
1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you copy, distribute and modify it only under the terms of this License. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in addition to the warranty protection provided by this License.
2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or your new work, under the terms of paragraph 1, above, provided that you do the following:
 - a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
 - b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to carry prominent notices of the copyright and license information for the Program as given in this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such i
These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Prog
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, th
In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program)
3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under t
a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Se
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, compl
If distribution of executable or object code is made by offering access to copy from a designated place, then offering equiva
4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any atten
5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to
6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license
7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to pate
If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the sectio
It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest vali
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted inter
9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such
Each version is given a distinguishing version number. If the Program specifies a version number of this License which applie
10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, wri

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICAI

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO M

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most e

one line to give the program's name and an idea of what it does.

Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, t

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subro

76: GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Preamble

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

How to Apply These Terms to Your New Programs

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to make sure that you have the freedom to share and change any software to which you are applied. When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to share and change any software to which you are applied. To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights to others. For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must also make sure that you receive from your correspondent the GNU General Public License for that program. We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and modify the software. Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for the software and for any derivatives. Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will accuse the Free Software Foundation of trademark infringement by a particular instance of free software. We make our legal process simple by using the precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this License. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you copy the license verbatim in all such copies. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or works under the terms of this License, provided that you also meet all of the following requirements:

- You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed under the terms of this License, or any later version published by the Free Software Foundation.
- If the modified program normally reads commands interactively when run, you must cause it, when started running for such a purpose, to display the same copyright notice and disclaimer of warranty that the Program displays, except that the year shown in the notice shall be that of the year that you first published the modified work. These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and are licensed under separate terms (as with a compilation of independent works or a library), you may use different terms for those sections.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to claim such rights for those parts which are covered by this License.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium, or linking my code with a code of another work, does not fall under the

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of this License, provided that you also meet all of the following requirements:

- Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of this License, or any later version published by the Free Software Foundation.
- Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of performing the distribution, the complete corresponding machine-readable source code for the program. (This alternative to source code distribution applies to the object code if distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place.)
- Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative to source code distribution applies to the object code if distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and execution of the executable. If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of source code, even if third parties are not compelled to copy the source code along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt to do so without the express written permission of the Free Software Foundation is void.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to do so. If you do not wish to comply with this License, you may withdraw your copy of the Program at any time, under the conditions of paragraph 1, and any copying done by you after you have withdrawn your copy is void.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, modify, sublicense, or distribute the Program (or any work based on the Program) under the terms of this License, provided that you also meet all of the above requirements.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent infringement), any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section shall remain in effect. In addition, if a court judgment or allegation of patent infringement or for any other reason (not limited to patent infringement) requires that you stop distributing the Program (or any work based on the Program) for a certain period of time, you may still distribute it during the period if you do so in connection with a court action and you also comply with all the other requirements of this License. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest the validity of any such claims. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the Free Software Foundation may authorize additional restrictions to those stated in this section.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and you wish to bring the Program into conformity with that version number, you may follow the terms of this License for that version number of the License.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write the license for the other programs, and include a notice with the other programs, stating that you have incorporated parts of the Program into the other programs, but that you have not modified the Program.

11. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and you wish to bring the Program into conformity with that version number, you may follow the terms of this License for that version number of the License.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write the license for the other programs, and include a notice with the other programs, stating that you have incorporated parts of the Program into the other programs, but that you have not modified the Program.

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. IN ANY EVENT, THE

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. IN ANY EVENT, THE

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO M
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this
To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most e
one line to give the program's name and an idea of what it does.
Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details
type `show w'. This is free software, and you are welcome
to redistribute it under certain conditions; type `show c'
for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, t

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for

Yoyodyne, Inc., hereby disclaims all copyright
interest in the program `Gnomovision'
(which makes passes at compilers) written
by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subrou

77: GPL-2.0+

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Pu
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure
To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender t
For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the ri
We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permi
Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for
Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a
The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that y
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exc

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program to carry the same notices as appear in the Program
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use, to display prominently the notices required by sections 4 and 5. These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, you are not required to cause them to carry the notices required by sections 4 and 5, but you must cause the work as a whole to carry the notices required by sections 4 and 5.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to prevent you from distributing or displaying such work without the notices required by sections 4 and 5.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) does not, by itself, make the aggregation a derivative work for purposes of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the following conditions:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of this License;
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of providing the source code, a complete machine-readable copy of the corresponding source code, subject to section 7; or
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is available only if the distribution and use of the Program is restricted in certain countries either by patents or by copyrighted inter-

face.) The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means the source code for all modules it contains, plus any associated header files, script files, and configuration files, and all source code for modules, libraries, and subroutines which are used by it, but excluding modules, libraries, and subroutines which are used only for the development of the program itself, and excluding binary files for development purposes that are necessary to reduce the size of the executable file, and excluding files that are specifically excluded by the distribution.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt to sublicense the Program or a work based on the Program is void.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or to sublicense it under different terms, and any such attempt is void.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, modify, sublicense, or distribute the Program (or any work based on the Program) under the terms of this License, provided you also comply with sections 3, 4, and 5.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent infringement), you are unable to comply with any of the above conditions, or if you wish to make a work based on the Program available under different terms than those set forth in this License, you may request that the Free Software Foundation ("FSF") publish your special version for a limited period of time, provided you request and pay for this request in advance. This request must be made within three months of your receipt of the judgment or allegation, and you must also state the applicable law governing your litigation.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section shall remain in effect. This license is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest the validity of any such claims; your liability for such infringement or contests is not to be determined by the provisions of this license.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be published in English and in French.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and you have no written agreement with the licensor to use a different version, the version number you use must be at least as high as the number specified by the Program.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the Free Software Foundation, 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA, for an arrangement. If you do not write to the Free Software Foundation, your attempt to incorporate parts of the Program into other free programs is void, and any such attempt is void.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT AS EXPRESSLY SET FORTH IN THIS LICENSE, THE PROGRAM IS PROVIDED ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM, EVEN IF YOU HAVE ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under the terms of the GNU General Public License.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively ensure the whole program is under the GNU General Public License and you can immediately distribute a binary version of the program.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively ensure the whole program is under the GNU General Public License and you can immediately distribute a binary version of the program.

one line to give the program's name and an idea of what it does.

Copyright (C) yyyy name of author

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author

Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the program you are distributing should not contain the commands `show w' and `show c'; the commands should be written in some script or batch file, for example, a shell script or perl script.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for you, which should read something like the following:

I, _____, hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

signature of Ty Coon, 1 April 1989

signature of Ty Coon, 1 April 1989

signature of Ty Coon, 1 April 1989

signature of Ty Coon, 1 April 1989

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subrou

78: GPL-2.0-with-FreeRTOS exception

The FreeRTOS open source license covers the FreeRTOS source files, which are located in the /FreeRTOS/Source directory of the official FreeRTOS download. It also covers most of the source files in the demo application projects, which are located in the /FreeRTOS/Demo directory of the official FreeRTOS download. The demo projects may also include third party software that is not part of FreeRTOS and is licensed separately to FreeRTOS. Examples of third party software includes header files provided by chip or tools vendors, linker scripts, peripheral drivers, etc. All the software in subdirectories of the /FreeRTOS directory is either open source or distributed with permission, and is free for use. For the avoidance of doubt, refer to the comments at the top of each source file.

The FreeRTOS GPL Exception text on this page applies to FreeRTOS V8.2.3 up to the latest version. The FreeRTOS GPL exception text that applies to versions prior to V8.2.3 is very similar, and can be found in the relevant FreeRTOS distribution packages.

NOTE: The modification to the GPL is included to allow you to distribute a combined work that includes FreeRTOS without being obliged to provide the source code for proprietary components.

The FreeRTOS GPL exception text follows:

Any FreeRTOS source code, whether modified or in it's original release form, or whether in whole or in part, can only be distributed by you under the terms of the GNU General Public License plus this exception. An independent module is a module which is not derived from or based on FreeRTOS.

Clause 1:

Linking FreeRTOS with other modules is making a combined work based on FreeRTOS. Thus, the terms and conditions of the GNU General Public License V2 cover the whole combination.

As a special exception, the copyright holders of FreeRTOS give you permission to link FreeRTOS with independent modules to produce a statically linked executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on FreeRTOS.

Clause 2:

FreeRTOS may not be used for any competitive or comparative purpose, including the publication of any form of run time or compile time metric, without the express permission of Real Time Engineers Ltd. (this is the norm within the industry and is intended to ensure information accuracy).

The standard GPL V2 text:

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not

price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

?

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on

the Program is not required to print an announcement.)

?

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

?

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot

distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

?

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

?

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

79: GPL-2.0-with-FreeRTOS-exception

The FreeRTOS.org source code is licensed by the *modified* GNU General Public License (GPL), text provided below. A special exception to the GPL is included to allow you to distribute a combined work that includes FreeRTOS without being obliged to provide the source code for any proprietary components. See the licensing section of <http://www.FreeRTOS.org> for full details. The exception text is also included at the bottom of this file.

The FreeRTOS download also includes demo application source code, some of which is provided by third parties AND IS LICENSED SEPARATELY FROM FREERTOS.

For the avoidance of any doubt refer to the comment included at the top of each source and header file for license and copyright information.

This is a list of files for which Real Time Engineers Ltd are not the copyright owner and are NOT COVERED BY THE GPL.

- 1) Various header files provided by silicon manufacturers and tool vendors that define processor specific memory addresses and utility macros. Permission has been granted by the various copyright holders for these files to be included in the FreeRTOS download. Users must ensure license conditions are adhered to for any use other than compilation of the FreeRTOS demo applications.
- 2) The uIP TCP/IP stack the copyright of which is held by Adam Dunkels. Users must ensure the open source license conditions stated at the top of each uIP source file is understood and adhered to.
- 3) The lwIP TCP/IP stack the copyright of which is held by the Swedish Institute of Computer Science. Users must ensure the open source license conditions stated at the top of each lwIP source file is understood and adhered to.
- 4) Various peripheral driver source files and binaries provided by silicon manufacturers and tool vendors. Permission has been granted by the various copyright holders for these files to be included in the FreeRTOS

download. Users must ensure license conditions are adhered to for any use other than compilation of the FreeRTOS demo applications.

- 5) The files contained within FreeRTOS\Demo\WizNET_DEMO_TERN_186\tern_code, which are slightly modified versions of code provided by and copyright to Tern Inc.

Errors and omissions should be reported to Richard Barry, contact details for whom can be obtained from <http://www.FreeRTOS.org>.

The GPL license text follows.

A special exception to the GPL is included to allow you to distribute a combined work that includes FreeRTOS without being obliged to provide the source code for any proprietary components. See the licensing section of <http://www.FreeRTOS.org> for full details. The exception text is also included at the bottom of this file.

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below,

refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions

either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
```

```
This program is free software; you can redistribute it and/or modify
it under the terms of the GNU General Public License** as published by
the Free Software Foundation; either version 2 of the License, or
(at your option) any later version.
```

```
This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.
```

```
You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
```

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

The FreeRTOS GPL Exception Text:

Any FreeRTOS source code, whether modified or in its original release form, or whether in whole or in part, can only be distributed by you under the terms of the GNU General Public License plus this exception. An independent module is a module which is not derived from or based on FreeRTOS.

Clause 1:

Linking FreeRTOS statically or dynamically with other modules is making a combined work based on FreeRTOS. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holder of FreeRTOS gives you permission to link FreeRTOS with independent modules that communicate with FreeRTOS solely through the FreeRTOS API interface, regardless of the license terms of these independent modules, and to copy and distribute the resulting combined work under terms of your choice, provided that

+ Every copy of the combined work is accompanied by a written statement that details to the recipient the version of FreeRTOS used and an offer by yourself to provide the FreeRTOS source code (including any modifications you may have made) should the recipient request it.

+ The combined work is not itself an RTOS, scheduler, kernel or related product.

+ The independent modules add significant and primary functionality to FreeRTOS and do not merely extend the existing functionality already present in FreeRTOS.

Clause 2:

FreeRTOS may not be used for any competitive or comparative purpose, including the publication of any form of run time or compile time metric, without the express permission of Real Time Engineers Ltd. (this is the norm within the industry and is intended to ensure information accuracy).

80: GPL-2.0-with-FreeRTOS-exception

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.

51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

- a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
- c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under

the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

- a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
- c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that

system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

```
<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year> <name of author>
```

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

```
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.
```

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

```
Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.
```

```
<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice
```

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

Linking FreeRTOS statically or dynamically with other modules is making a combined work based on FreeRTOS. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holder of FreeRTOS gives you permission to link FreeRTOS with independent modules that communicate with FreeRTOS solely through the FreeRTOS API interface, regardless of the license terms of these independent modules, and to copy and distribute the resulting combined work under terms of your choice, provided that

Every copy of the combined work is accompanied by a written statement that details to the recipient the version of FreeRTOS used and an offer by yourself to provide the FreeRTOS source code (including any modifications you may have made) should the recipient request it. The combined work is not itself an RTOS, scheduler, kernel or related product. The independent modules add significant and primary functionality to FreeRTOS and do not merely extend the existing functionality already present in FreeRTOS.

Clause 2

FreeRTOS may not be used for any competitive or comparative purpose, including the publication of any form of run time or compile time metric, without the express permission of Real Time Engineers Ltd. (this is the norm within the industry and is intended to ensure information accuracy).

81: GPL-3.0+

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright © 2007 Free Software Foundation, Inc. <<http://fsf.org/>>

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefor

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you t

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For t

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees"

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominent

1. Source Code.

The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding

The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise re

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; s

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations un

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent suc

4. Conveying Verbatim Copies.

You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fe

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code t

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under sectio

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This Licen

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has inte

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the co

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the mach

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by t

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by s

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alt

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresp

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for pe

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information require

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveyi

The requirement to provide Installation Information does not include a requirement to continue to provide support service, wa

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its cor

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from ar

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the co

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be mark

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified version) of that material to anyone other than the licensor or author. All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program is modified such that it contains further restrictions, those restrictions do not apply to the modified version.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions to the covered work's license.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify is void.

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provided that your license was not terminated for persistent and intentional infringement and (b) provided that you pay any damages for which you may be liable.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the alleged infringement, and you cease all violation of this License within a reasonable time after receiving notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights under the License. This section has no effect for anyone other than you.

9. Acceptance Not Required for Having Copies.

You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work under the License is not required to accept the License.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate the work, subject to this License. You must convey the copy of the License that you received with the work.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or substantially all licenses held by one, which is not a transfer by sale of the work itself and which includes any transfer to a successor organization.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not add a license restriction that forbids the receipt of the work in uncompressed form.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The contributions that you make are licensed under similar terms.

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or not, that would be infringed by some modification, deletion or addition to the work.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to the extent that such license is necessary to make, use, sell, offer for sale, import or otherwise distribute the work.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as by提起 a suit) against you or to cause you any damage that you may not cause by not making, using, selling, offering for sale, importing or otherwise distributing the work.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, solely for the purpose of enabling that person to view and copy it into the work, you are liable to any patent infringement actions that may be brought against you.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and a patent license is granted to you, that patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on, the exclusive right to make, use, sell, offer for sale, import or otherwise distribute the work.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on, the exclusive right to make, use, sell, offer for sale, import or otherwise distribute the work.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you.

12. No Surrender of Others' Freedom.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not apply to you. However, if you have a choice between two different versions of the License, that choice is yours.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under the GNU Affero General Public License to form a larger work, provided the larger work is licensed under the GNU Affero General Public License.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License applies to it and you wish to run the Program under the provisions of that version, you must follow the terms of that version of the License.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version must be construed as the author's acceptance of that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on you by any such additions or changes.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR TRANSMITS THE PROGRAM, BE LIABLE FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their local law, then the law of the state of New York shall apply to these sections.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under the terms of the GNU General Public License.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively ensure the whole program is under the GNU General Public License and to make it clear that anyone who redistributes the program is also bound by the GNU General Public License.

<one line to give the program's name and a brief idea of what it does.>

Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <<http://www.gnu.org/licenses/>>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

```
<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type 'show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type 'show c' for details.
```

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, you should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program. The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a sub

82: ISC

ISC License:

```
Copyright (c) 2004-2010 by Internet Systems Consortium, Inc. ("ISC")
Copyright (c) 1995-2003 by Internet Software Consortium
```

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the original author and source are credited. THE SOFTWARE IS PROVIDED "AS IS" AND ISC DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

83: ISO License

```
<H1>ISO License</H1>
<!-- Title added by Steve Snow of Black Duck Software for identification purposes only -->
<TT>(C) International Organization for Standardization WQYZ</TT>

<a name="maximumUsageLevelLicense">Permission to copy in any form is granted for use with conforming SGML systems</a> and applications, provided that the copyright notice and this permission are included in all copies of the document.
```

84: LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

```
Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
```

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the GNU system and other free software distributions. When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish). To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they receive the same document that you received. We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you the right to use, propagate, and modify the library as you see fit, but only if you comply with the conditions of this license. To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified, it should be clearly marked as modified. Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot use patents to threaten the freedom of the GNU system. Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to some software packages, including some libraries, which are designed to be used by programs which are not themselves free. When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally a single work. We call this license the "Lesser" General Public License because it does less to protect the user's freedom than the ordinary GNU General Public License. For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large program, because the non-free program would be too big to fit into the free program. Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program is still free to use the library with the program. The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between the GNU General Public License and the GNU Lesser General Public License. TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder as follows:

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means the preferred form of the work for making modifications to it. For a library, complete source code is preferred. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The following provisions are subject to the following conditions:

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided you pay for copying. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or works under the terms of section 1, provided:
 - a) The modified work must itself be a software library.
 - b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
 - c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
 - d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that is not a part of the Library, the modified Library must be able to run without the application program. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application.)These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, they may be distributed under separate terms. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to claim a right to extend the license to the whole. In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) does not make the aggregation a work based on the Library.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to the whole. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of sections 1 and 2, provided that distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy of the corresponding source code. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being combined with it, is covered by section 2. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library). When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work is a derivative of the Library. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (no more than 100 lines each), it is not covered by this section. Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 2.
6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work that uses the Library. You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are licensed under the terms of this License. You must accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes you have made. You must use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time only the minimal part of the Library, (2) does not leave link-libraries or other parts of the Library in the user's machine, and (3) is suitable to allow easy upgrading of the Library. You must give prominent notice with each copy of the work that you have modified the Library to give the same user the materials specified in section 1. If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy of the corresponding source code. Verify that the user has already received a copy of these materials or that you have already sent this user a copy. For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for the work to run. It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany their executables. In such a case, you may choose to override the license restrictions of these other libraries.
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other works based on the Library, provided:
 - a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities.
 - b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining which parts are.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt to sublicense the Library or to use it in a way not permitted by this License is void and will automatically terminate your rights under this License. However, parties who have received copies of the Library from you with a correct form of this license may continue to use and distribute the Library.
9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library. If you do not wish to comply with this License, you should follow the instructions for using the unmodified Library.
10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, modify, sublicense, link with, or distribute the Library, provided you comply with the terms of this License. If you do not wish to do this, you may add additional restrictions to what you distribute, provided you make it clear that you have no authority to enforce these restrictions. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted intellectual property, you may restrict distribution and/or use in those countries.
13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and you wish to use a later version, you may do so if and only if the copyright notice for that later version states that it applies to the Library.
14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with yours, you are permitted to do so in any manner you wish, provided you comply with section 10.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO M
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free s
To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source fi
one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

85: LGPL-2.1+

GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Pu
This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries-
When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to ma
To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surre
For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the right
We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives y
To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the libra
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company ce
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Les
When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally
We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary
For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so the
In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large
Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a progr
The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference bet
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright hc

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs. The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means the preferred form of the work for making modifications to it. For a library, complete source code is preferred. Activities other than copying, distribution and modification are not covered by this License; they are outside its scope.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided you preserve the copyright notice and this License. You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute the modified work under the terms of section 1, provided that you also do all of the following:
 - a) The modified work must itself be a software library.
 - b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
 - c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
 - d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that is not a part of the Library, the modified work must provide a mechanism for replacing the facility with a copy of the application program. (For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, an application program that uses the library should not be licensed with the square root function, but should include a mechanism for replacing the function with a copy of an application program that uses the library.)These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, they may be distributed under separate terms. Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, to claim a right to extend the license to the whole of the work which you are distributing. In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium is not covered by this section.
3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to the whole of the work. This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of sections 1 and 2, provided that you also do all of the following:
 - a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were made to the source code.
 - b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time only the portions of the Library shared with the Library, and (2) does not require other libraries.
 - c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in section 1, provided that you charge no more than your reasonable cost of fulfilling the offer.
 - d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the work in the form requested by the user.
 - e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from the source. It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the executable and must be used for reproducing the executable. In this case, you may follow the terms of the other license, provided that you also do all of the following:
 - a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were made to the source code.
 - b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time only the portions of the Library shared with the Library, and (2) does not require other libraries.
 - c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in section 1, provided that you charge no more than your reasonable cost of fulfilling the offer.
5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being combined with it, is covered by this section. However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library). When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work is a derivative of the Library. When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work is a derivative of the Library. If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (no more than 100 lines each), and the work does not itself copy any portion of the Library's source code, the object code for the work is not a derivative, and section 4 does not apply. Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 4.
6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce an executable that does not contain a derivative of any portion of the Library, provided you do all of the following:
 - a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were made to the source code.
 - b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time only the portions of the Library shared with the Library, and (2) does not require other libraries.
 - c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in section 1, provided that you charge no more than your reasonable cost of fulfilling the offer.
 - d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the work in the form requested by the user.
 - e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from the source. It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the executable and must be used for reproducing the executable. In this case, you may follow the terms of the other license, provided that you also do all of the following:
 - a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were made to the source code.
 - b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time only the portions of the Library shared with the Library, and (2) does not require other libraries.
 - c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in section 1, provided that you charge no more than your reasonable cost of fulfilling the offer.
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities, provided you do all of the following:
 - a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities.
 - b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining which parts are derived from the Library.
8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt to copy, modify, sublicense, link with, or distribute the Library in any other manner is prohibited.
9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or to use its name to promote your products or services, without the explicit prior approval of the Free Software Foundation.
10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, modify, sublicense, link with, or distribute the Library under the terms of this License, provided you also do all of the above. If you do not wish to do so, you must explicitly state this in the distribution process.
11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent infringement), the license restrictions of other proprietary libraries that do not normally accompany the executable and must be used for reproducing the executable are not enforceable against you, you may (and are encouraged to) follow those restrictions in addition to the license restrictions of the Library. If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section shall remain in effect. It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest the validity of any such claims. This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted intellectual property, you may restrict distribution and/or use in those countries.
13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and you wish to use a later version, you may do so if and only if the library and its source code are released under a later version.
14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with yours, you are encouraged to ask the author to allow this to be done. If you do not wish to do so, you may still include the work in your program provided you follow the distribution conditions of the Library. If you do not wish to do so, you may still include the work in your program provided you follow the distribution conditions of the Library.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. IN ANY EVENT, THE AUTHOR OR COPYRIGHT HOLDERS ARE NOT RESPONSIBLE FOR ANY DAMAGES OR OTHER LIABILITY ARISING FROM THE USE OF THE LIBRARY, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO M
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free s
To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source fi
one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!

86: License-of-GNU-Licenses

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

87: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

88: MIT

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.

89: MIT License

<h1>The MIT License</h1>
<tt>Copyright (c) <year> <copyright holders></tt>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING ANY WARRANTIES, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

90: MIT Permission

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

91: MIT-style

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice and the following disclaimer are included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses.

THIS SOFTWARE IS PROVIDED BY THE CONTRIBUTORS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

92: Permission Notice

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

93: Permission Notice

FatFs module is open source software. Redistribution and use of FatFs in source and binary forms, with or without modification, are permitted provided that the conditions in the FatFs module are met.

1. Redistributions of source code must retain the above copyright notice, this condition and the following disclaimer.

This software is provided by the copyright holder and contributors "AS IS" and any warranties related to this software are disclaimed.

94: Permission Notice

Redistribution, modification, and use in source and binary forms is permitted provided that the above copyright notice and following paragraph are duplicated in all such forms.

This file is distributed WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE.

95: Permission Notice

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

96: Permission Notice

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice and the following disclaimer are included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses.

THIS SOFTWARE IS PROVIDED BY THE CONTRIBUTORS *AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

97: Permission Notice

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice and the following disclaimer are included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses.

THIS SOFTWARE IS PROVIDED BY THE CONTRIBUTORS *AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Permission to use, copy, modify, and distribute this software and its documentation is hereby granted, provided that the above copyright notice appears in all copies. This software is provided without any warranty, express or implied. The Australian National University makes no representations about the suitability of this software for any purpose.

IN NO EVENT SHALL THE AUSTRALIAN NATIONAL UNIVERSITY BE LIABLE TO ANY PARTY FOR DIRECT, INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OF THIS SOFTWARE AND ITS DOCUMENTATION, EVEN IF THE AUSTRALIAN NATIONAL UNIVERSITY HAVE BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

THE AUSTRALIAN NATIONAL UNIVERSITY SPECIFICALLY DISCLAIMS ANY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE SOFTWARE PROVIDED HEREUNDER IS ON AN "AS IS" BASIS, AND THE AUSTRALIAN NATIONAL UNIVERSITY HAS NO OBLIGATION TO PROVIDE MAINTENANCE, SUPPORT, UPDATES, ENHANCEMENTS, OR MODIFICATIONS.

98: Permission Notice

Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software.

THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, THE AUTHOR MAKES NO REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.

99: Permission Notice

The authors hereby grant permission to use, copy, modify, distribute, and license this software and its documentation for any purpose, provided that existing copyright notices are retained in all copies and that this notice and the following disclaimer are included verbatim in any distributions. No written agreement, license, or royalty fee is required for any of the authorized uses.

THIS SOFTWARE IS PROVIDED BY THE CONTRIBUTORS AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

100: Permission Notice

This software is available with usual "research" terms with the aim of retain credits of the software. Permission to use, copy, modify and distribute this software for any purpose and without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies, and the name of INRIA, IMAG, or any contributor not be used in advertising or publicity pertaining to this material without the prior explicit permission. The software is provided "as is" without any warranties, support or liabilities of any kind. This software is derived from source code from "University of California at Berkeley" and "Digital Equipment Corporation" protected by copyrights.

Grenoble's Institute of Computer Science and Applied Mathematics (IMAG) is a federation of seven research units funded by the CNRS, National Polytechnic Institute of Grenoble and University Joseph Fourier. The research unit in Software, Systems, Networks (LSR) is member of IMAG.

101: Permission Notice

Permission to use, copy, modify, and distribute this software and its documentation is hereby granted, provided that the above copyright notice appears in all copies. This software is provided without any warranty, express or implied.

102: Permission Notice - Hewlett-Packard Company V1

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted wi

103: Permission Notice - M.I.T V2

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted v

M.I.T. makes no representations about the suitability of this software for any purpose.

It is provided "as is" without express or implied warranty.

104: Permission Notice - RVInterval

Permission is hereby granted, without written agreement and without license or royalty fees, to use, copy, modify, and distr

The above license notice and this permission notice shall appear in all copies or substantial portions of this software.

The name "RVInterval" cannot be used for any modified form of this software that does not originate from the authors.

Nevertheless, the name "RVInterval" may and should be used to designate the optimization software implemented and described i

The authors specifically disclaim any warranties, including, but not limited to, the implied warranties of merchantability ar

105: Permission Notice - Silicon Graphics

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted wi

106: Permission Notice - Silicon Graphics V2

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted wi

107: Permission-notice-Sun

Copyright (c) 2001 by Sun Microsystems, Inc.
All rights reserved.

Non-exclusive rights to redistribute, modify, translate, and use this software in source and binary forms, in whole or in p
THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLI

108: Preserve Copyright Notice

Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

109: Preserve Copyright Notice

This file is free software; the Free Software Foundation gives unlimited permission to copy and/or distribute it, with or wit

110: Preserve Copyright Notice

You may redistribute unmodified or modified versions of this source
code provided that the above copyright notice and this and the
following conditions are retained.

This software is provided ``as is'', and comes with no warranties
of any kind. I shall in no event be liable for anything that happens
to anyone/anything when using this software.

111: Preserve Copyright Notice

Permission to use, copy, modify, and distribute this software
is freely granted, provided that this notice is preserved.

112: Preserve Copyright Notice

Permission to use, copy, modify, and distribute this software
is freely granted, provided that this notice is preserved.

113: Preserve Copyright Notice - card

Permission is granted to make and distribute copies of this card provided the copyright notice and this permission notice are

114: Preserve Copyright Notice - CrystalClear

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted wi

CrystalClear Software makes no representations about the suitability of this software for any purpose. It is provided "as is"

115: Preserve Copyright Notice - garbage collector

THIS MATERIAL IS PROVIDED AS IS, WITH ABSOLUTELY NO WARRANTY EXPRESSED OR IMPLIED. ANY USE IS AT YOUR OWN RISK.

Permission is hereby granted to copy this garbage collector for any purpose, provided the above notices are retained on all c

116: Preserve Copyright Notice - mark clearly

License is hereby granted to use this software and distribute it freely, as long as this copyright notice is retained and moc
ALL WARRANTIES ARE HEREBY DISCLAIMED.

117: Preserve Copyright Notice - mark clearly V2

Permission to copy, use, modify, sell and distribute this software is granted, provided this copyright notice appears in all
This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpos

118: Preserve Copyright Notice - material

This material is provided "as is", with absolutely no warranty expressed or implied. Any use is at your own risk.
Permission to use or copy this software for any purpose is hereby granted without fee, provided the above notices are retain
Permission to modify the code and to distribute modified code is granted, provided the above notices are retained, and a noti

119: Preserve Copyright Notice - National Institute of Standards and Technology

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby
Neither the Author nor the Institution (National Institute of Standards and Technology) make any representations about the st

120: Preserve Copyright Notice - Ronald Garcia

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted wi
Ronald Garcia makes no representations about the suitability of this software for any purpose. It is provided "as is" without

121: Preserve Copyright Notice - William E. Kempf

Permission to use, copy, modify, distribute and sell this software and its documentation for any purpose is hereby granted wi
William E. Kempf makes no representations about the suitability of this software for any purpose. It is provided "as is" with

122: Preserve Copyright Notice w/Disclaimer V14

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all c
This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpos

123: Preserve Copyright Notice w/Disclaimer V16

Permission to copy, use, sell and distribute this software is granted provided this copyright notice appears in all copies.
Permission to modify the code and to distribute modified code is granted provided this copyright notice appears in all copie
This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpos

124: Preserve Copyright Notice w/Disclaimer V3

Permission to copy, use, modify, sell and distribute this document is granted provided this copyright notice appears in all c

This document is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpos

125: Preserve Copyright Notice w/Disclaimer V4

THIS MATERIAL IS PROVIDED AS IS, WITH ABSOLUTELY NO WARRANTY EXPRESSED OR IMPLIED. ANY USE IS AT YOUR OWN RISK.

Permission is hereby granted to copy this code for any purpose, provided the above notices are retained on all copies.

126: Preserve Copyright Notice w/Disclaimer V5

THIS MATERIAL IS PROVIDED "AS IS", WITH ABSOLUTELY NO WARRANTY EXPRESSED OR IMPLIED. ANY USE IS AT YOUR OWN RISK.

Permission is hereby granted to use or copy this program for any purpose, provided the above notices are retained on all copi

Permission to modify the code and to distribute modified code is granted, provided the above notices are retained, and a noti

127: Preserve Copyright Notice w/Disclaimer V6

Permission to use, copy, modify, redistribute and sell this software, provided that this copyright notice appears on all copi

128: Preserve Copyright Notice w/Disclaimer V7

Permission to copy, use, modify, sell and distribute this software and its documentation is granted provided this copyright r

This software and its documentation is provided "as is" without express or implied warranty, and with no claim as to its suit

129: Public Domain

Placed in the Public Domain.

130: Public-domain

This file and the accompanying getopt.c implementation file are hereby placed in the public domain without restrictions. Just give the author credit, don't claim you wrote it or prevent anyone else from using it.

131: Public-domain

This code is under Public Domain License.

132: Public-domain

This code is in the public domain; do with it what you wish.

133: Public-domain

Written by Matthias Drochner.
Public domain.

134: Public-domain

Fonts are (c) Bitstream (see below). DejaVu changes are in public domain.

135: Public-domain

This is based on SHA256 implementation in LibTomCrypt that was released into public domain by Tom St Denis.

136: Public-domain

Written by Ian Lance Taylor <ian@cygnus.com>
Public domain; no rights reserved.

137: Public-domain

By Steve Reid <sreid@sea-to-sky.net>
100% Public Domain

138: Public-domain

This library was released in public domain by Tom St Denis.

139: Public-domain

This example code is in the Public Domain (or CC0 licensed, at your option.)

Unless required by applicable law or agreed to in writing, this software is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

140: Public-domain

This file and the accompanying getopt.c implementation file are hereby placed in the public domain without restrictions. Just give the author credit, don't claim you wrote it or prevent anyone else from using it.

141: Public-domain

This code is in the Public Domain (or CC0 licensed, at your option.) Unless required by applicable law or agreed to in writing, this software is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.

142: Python License

A. HISTORY OF THE SOFTWARE

=====

Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <http://www.cwi.nl>) in the Netherlands as a successor of a language called ABC. Guido remains Python's principal author, although it includes many contributions from others.

In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <http://www.cnri.reston.va.us>) in Reston, Virginia where he released several versions of the software.

In May 2000, Guido and the Python core development team moved to BeOpen.com to form the BeOpen PythonLabs team. In October of the same year, the PythonLabs team moved to Digital Creations (now Zope Corporation, see <http://www.zope.com>). In 2001, the Python Software

Foundation (PSF, see <http://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation is a sponsoring member of the PSF.

All Python releases are Open Source (see <http://www.opensource.org> for the Open Source Definition). Historically, most, but not all, Python releases have also been GPL-compatible; the table below summarizes the various releases.

Release	Derived from	Year	Owner	GPL-compatible? (1)
0.9.0 thru 1.2		1991-1995	CWI	yes
1.3 thru 1.5.2	1.2	1995-1999	CNRI	yes
1.6	1.5.2	2000	CNRI	no
2.0	1.6	2000	BeOpen.com	no
1.6.1	1.6	2001	CNRI	yes (2)
2.1	2.0+1.6.1	2001	PSF	no
2.0.1	2.0+1.6.1	2001	PSF	yes
2.1.1	2.1+2.0.1	2001	PSF	yes
2.2	2.1.1	2001	PSF	yes
2.1.2	2.1.1	2002	PSF	yes
2.1.3	2.1.2	2002	PSF	yes
2.2.1	2.2	2002	PSF	yes
2.2.2	2.2.1	2002	PSF	yes
2.2.3	2.2.2	2003	PSF	yes
2.3	2.2.2	2002-2003	PSF	yes
2.3.1	2.3	2002-2003	PSF	yes
2.3.2	2.3.1	2002-2003	PSF	yes
2.3.3	2.3.2	2002-2003	PSF	yes
2.3.4	2.3.3	2004	PSF	yes
2.3.5	2.3.4	2005	PSF	yes
2.4	2.3	2004	PSF	yes
2.4.1	2.4	2005	PSF	yes
2.4.2	2.4.1	2005	PSF	yes
2.4.3	2.4.2	2006	PSF	yes
2.5	2.4	2006	PSF	yes
2.7	2.6	2010	PSF	yes

Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

=====

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.

3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material

breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").

2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to

create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <http://www.pythonlabs.com/logos.html> may be used according to the permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright (c) 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: <http://hdl.handle.net/1895.22/1013>".

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND

DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia's conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

ACCEPT

CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior

permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

143: Python-2.0

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.
2. Subject to the terms and conditions of this License Agreement, PSF hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python alone or in any derivative version, provided, however, that PSF's License Agreement and PSF's notice of copyright, i.e., "Copyright (c) 2001, 2002, 2003, 2004, 2005, 2006 Python Software Foundation; All Rights Reserved" are retained in Python alone or in any derivative version prepared by Licensee.
3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.
4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.
5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.
6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.
7. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between PSF and Licensee. This License Agreement does not grant permission to use PSF trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.
8. By copying, installing or otherwise using Python, Licensee agrees to be bound by the terms and conditions of this License Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the Individual or Organization ("Licensee") accessing and otherwise using this software in source or binary form and its associated documentation ("the Software").
2. Subject to the terms and conditions of this BeOpen Python License Agreement, BeOpen hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use the Software alone or in any derivative version, provided, however, that the BeOpen Python License is retained in the Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS" basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at <http://www.pythonlabs.com/logos.html> may be used according to the permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CNRI OPEN SOURCE LICENSE AGREEMENT (for Python 1.6b1)

IMPORTANT: PLEASE READ THE FOLLOWING AGREEMENT CAREFULLY.

BY CLICKING ON "ACCEPT" WHERE INDICATED BELOW, OR BY COPYING, INSTALLING OR OTHERWISE USING PYTHON 1.6, beta 1 SOFTWARE, YOU ARE DEEMED TO HAVE AGREED TO THE TERMS AND CONDITIONS OF THIS LICENSE AGREEMENT.

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 ("CNRI"), and the Individual or Organization ("Licensee") accessing and otherwise using Python 1.6, beta 1 software in source or binary form and its associated documentation, as released at the www.python.org Internet site on August 4, 2000 ("Python 1.6b1").

2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a non-exclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6b1 alone or in any derivative version, provided, however, that CNRI's License Agreement is retained in Python 1.6b1, alone or in any derivative version prepared by Licensee.

Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6, beta 1, is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement may be located on the Internet using the following unique, persistent identifier (known as a handle): 1895.22/1011. This Agreement may also be obtained from a proxy server on the Internet using the URL:<http://hdl.handle.net/1895.22/1011>".

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6b1 or any part thereof, and wants to make the derivative work available to the public as provided herein, then Licensee hereby agrees to indicate in any such work the nature of the modifications made to Python 1.6b1.

4. CNRI is making Python 1.6b1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6b1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING PYTHON 1.6b1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. This License Agreement shall be governed by and interpreted in all respects by the law of the State of Virginia, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed

to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6b1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

ACCEPT

CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

144: Tough BSD

Copyright (c) 1989 Regents of the University of California.
All rights reserved.

Redistribution and use in source and binary forms are permitted provided that the above copyright notice and this paragraph are duplicated in all such forms and that any documentation, advertising materials, and other materials related to such distribution and use acknowledge that the software was developed by the University of California, Berkeley. The name of the University may not be used to endorse or promote products derived from this software without specific prior written permission. THIS SOFTWARE IS PROVIDED ``AS IS'' AND WITHOUT ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

145: Unicode License for Data Files and Software

<H1>UNICODE, INC. LICENSE AGREEMENT - DATA FILES AND SOFTWARE</H1>

Unicode Data Files include all data files under the directories <http://www.unicode.org/Public/> and <http://www.unicode.org/reports/>.

Unicode Software includes any source code under the directories <http://www.unicode.org/Public/> and <http://www.unicode.org/reports/>.

NOTICE TO USER: Carefully read the following legal agreement. BY DOWNLOADING, INSTALLING, COPYING OR OTHERWISE USING UNICODE INC.'S DATA FILES ("DATA FILES"), AND/OR SOFTWARE ("SOFTWARE"), YOU UNEQUIVOCALLY ACCEPT, AND AGREE TO BE BOUND BY, ALL OF THE TERMS AND CONDITIONS OF THIS AGREEMENT. IF YOU DO NOT AGREE, DO NOT DOWNLOAD, INSTALL, COPY, DISTRIBUTE OR USE THE DATA FILES OR SOFTWARE.

COPYRIGHT AND PERMISSION NOTICE

<TT>Copyright (c) 1991-2004 Unicode, Inc. All rights reserved.</TT> Distributed under the Terms of Use in <http://www.unicode.org/copyright.html>.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and associated documentation (the "Data Files") or Unicode software and associated documentation (the "Software") to deal in the Data Files or Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Data Files or Software, and to permit persons to whom the Data Files or Software are furnished to do so, provided that <OL TYPE=a>
 the above copyright notice(s) and this permission notice appear in all copies of the Data Files or Software,
 both the above copyright notice(s) and this permission notice appear in associated documentation, and
 there is clear notice in each modified Data File or in the Software as well as in the documentation associated with the Data

File(s) or Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in these Data Files or Software without prior written authorization of the copyright holder.

146: Unspecified

The license has not been identified.

147: WebM

Software License
Copyright (c) 2010, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer.
Neither the name of Google nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING

148: Zlib

zlib.h -- interface of the 'zlib' general purpose compression library
version 1.2.2, October 3rd, 2004

Copyright (C) 1995-2004 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly jloup@gzip.org
Mark Adler madler@alummi.caltech.edu

149: zlib License

<h1>The zlib/libpng License</h1><tt>Copyright (c) <year> <copyright holders></tt>

<pre> This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly Mark Adler
jloup@gzip.org madler@alumni.caltech.edu

150: Zlib License / Style V1

Permission is granted to anyone to use this software for any purpose on any computer system, and to redistribute it freely, subject to the following restrictions:

1. The author is not responsible for the consequences of use of this software, no matter how awful, even if they arise from defects in it.
2. The origin of this software must not be misrepresented, either by explicit claim or by omission.
3. Altered versions must be plainly marked as such, and must not be misrepresented as being the original software.

151: Zlib License / Variant V1

This software is provided 'as-is', without any express or implied warranty. In no event will the copyright holder be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Siemens Junelight Smart Battery: Inverter V1.0

Open Source Software

Note to Resellers: Please pass on this document to your customer to avoid license infringements.

Third-Party Software Information Document

This product, solution or service ("Product") contains third-party software components listed in this document. These components are Open Source Software licensed under a license approved by the Open Source Initiative (www.opensource.org) or similar licenses as determined by SIEMENS ("OSS") and/or commercial or freeware software components. With respect to the OSS components, the applicable OSS license conditions prevail over any other terms and

conditions covering the Product. The OSS portions of this Product are provided royalty-free and can be used at no charge.

If SIEMENS has combined or linked certain components of the Product with/to OSS components licensed under the GNU LGPL version 2 or later as per the definition of the applicable license, and if use of the corresponding object file is not unrestricted ("LGPL Licensed Module", whereas the LGPL Licensed Module and the components that the LGPL Licensed Module is combined with or linked to is the "Combined Product"), the following additional rights apply, if the relevant LGPL license criteria are met: (i) you are entitled to modify the Combined Product for your own use, including but not limited to the right to modify the Combined Product to relink modified versions of the LGPL Licensed Module, and (ii) you may reverse-engineer the Combined Product, but only to debug your modifications. The modification right does not include the right to distribute such modifications and you shall maintain in confidence any information resulting from such reverse-engineering of a Combined Product.

Certain OSS licenses require SIEMENS to make source code available, for example, the GNU General Public License, the GNU Lesser General Public License and the Mozilla Public License. If such licenses are applicable and this Product is not shipped with the required source code, a copy of this source code can be obtained by anyone in receipt of this information during the period required by the applicable OSS licenses by contacting the following address:

Siemens AG
Energy Management
Low Voltage & Products
Technical Support
Postfach 10 09 53
93009 Regensburg
Germany
www.siemens.com/lowvoltage/support-request
Keyword: Open Source Request (please specify Product name and version, if applicable)

SIEMENS may charge a handling fee of up to 5 EUR to fulfil the request.

Warranty regarding further use of the Open Source Software:

SIEMENS' warranty obligations are set forth in your agreement with SIEMENS. SIEMENS does not provide any warranty or technical support for this Product or any OSS components contained in it if they are modified or used in any manner not specified by SIEMENS. The license conditions listed below may contain disclaimers that apply between you and the respective licensor. For the avoidance of doubt, SIEMENS does not make any warranty commitment on behalf of or binding upon any third party licensor.

Open Source Software and/or other third-party software contained in this Product:

Please note the following license conditions and copyright notices applicable to Open Source Software and/or other components (or parts thereof):

STM32 Standard Peripheral Library
Copyright 2017 STMicroelectronics

Under STMicroelectronics' intellectual property rights and subject to applicable licensing terms for any third-party software incorporated in this software package and applicable Open Source Terms (as defined here below), the redistribution, reproduction and use in source and binary forms of the software package or any part thereof, with or without modification, are permitted provided that the following conditions are met:

1. Redistribution of source code (modified or not) must retain any copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form, except as embedded into microcontroller or microprocessor device manufactured by or for STMicroelectronics or a software update for such device, must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of STMicroelectronics nor the names of other contributors to this software package may be used to endorse or promote products derived from this software package or part thereof without specific written permission.
4. This software package or any part thereof, including modifications and/or derivative works of this software package, must be used and execute solely and exclusively on or in combination with a microcontroller or a microprocessor devices manufactured by or for STMicroelectronics.
5. No use, reproduction or redistribution of this software package partially or totally may be done in any manner that would subject this software package to any Open Source Terms (as defined below).
6. Some portion of the software package may contain software subject to Open Source Terms (as defined below) applicable for each such portion ("Open Source Software"), as further specified in the software package. Such Open Source Software is supplied under the applicable Open Source Terms and is not subject to the terms and conditions of license hereunder. "Open Source Terms" shall mean any open source license which requires as part of distribution of software that the source code of such software is distributed therewith or otherwise made available, or open source license that substantially complies with the Open Source definition specified at www.opensource.org and any other comparable open source license such as for example GNU General Public License (GPL), Eclipse Public License (EPL), Apache Software License, BSD license and MIT license.
7. This software package may also include third party software as expressly specified in the software package subject to specific license terms from such third parties. Such third party software is supplied under such specific license terms and is not subject to the terms and conditions of license hereunder. By installing copying, downloading, accessing or otherwise using this software package, the recipient agrees to be bound by such license terms with regard to such third party software.
8. STMicroelectronics has no obligation to provide any maintenance, support or updates for the software package.
9. The software package is and will remain the exclusive property of STMicroelectronics and its licensors. The recipient will not take any action that jeopardizes STMicroelectronics and its licensors' proprietary rights or acquire any rights in the software package, except the limited rights specified hereunder.
10. The recipient shall comply with all applicable laws and regulations affecting the use of the software package or any part thereof including any applicable export control law or regulation.
11. Redistribution and use of this software package partially or any part thereof other than as permitted under this license is void and will automatically terminate your rights under this license.

THIS SOFTWARE PACKAGE IS PROVIDED BY STMICROELECTRONICS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS, IMPLIED OR STATUTORY WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NON-INFRINGEMENT OF THIRD PARTY INTELLECTUAL PROPERTY RIGHTS ARE DISCLAIMED TO THE FULLEST EXTENT PERMITTED BY LAW. IN NO EVENT SHALL STMICROELECTRONICS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE PACKAGE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

EXCEPT AS EXPRESSLY PERMITTED HEREUNDER AND SUBJECT TO THE APPLICABLE LICENSING TERMS FOR ANY THIRD-PARTY SOFTWARE INCORPORATED IN THE SOFTWARE PACKAGE AND OPEN SOURCE TERMS AS APPLICABLE, NO LICENSE OR OTHER RIGHTS, WHETHER EXPRESS OR IMPLIED, ARE GRANTED UNDER ANY PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF STMICROELECTRONICS OR ANY THIRD PARTY.

lwIP V1.3.2

Copyright (c) 2001-2004 Swedish Institute of Computer Science.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.