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(b) install the License Key for the Licensed Product on the computer specifically identified in the License Key;

(c) allow your End Users to use the Licensed Product and Design Techniques, during the License Term, solely for the purpose of creating, modifying, and simulating your own Designs (in the case of DesignWare, this includes validating, testing, and simulating Designs, electronic circuits and devices);

(d) in the case of DesignWare, share Design Databases with a Licensed Design Partner only to allow the Licensed Design Partner to work cooperatively on your Design to the extent

permitted by its own DesignWare license (but not sublicense or assign any of your rights in the DesignWare to such Licensed Design Partner);

(e) in the case of ARC Software Development Products, use this Licensed Product, during the License Term, solely for the purpose of creating, debugging, and profiling executable software source code for execution on a System-on-Chip with an embedded ARC microprocessor or on a model of such System-on-Chip;

(f) in the case of ARC MQX Products, until you discontinue the sale and distribution of the applicable ARC MQX Licensee Products, use the ARC MQX Products to (i) customize the Board Support Package Features in the ARC MQX Product solely as necessary for use with your ARC MQX Licensee Product; (ii) create and support an ARC MQX Licensee Executable; (iii) if you have purchased a license to the „Äclosed system license,Ä version of an ARC MQX Product, then you may distribute, solely in or with an ARC MQX Licensee Product, an ARC MQX Licensee Executable that does not expose, directly or indirectly, any APIs of the ARC MQX Product; and (iv) if you have purchased a license to the „Äbinary,Ä version of an ARC MQX Product, then you may additionally distribute to ARC MQX End Customers only that portion of the Documentation necessary for ARC MQX End Customers to access the APIs, provided that such ARC MQX End Customers are obligated not to expose any of the APIs to their customers or any other third parties.

(g) make a reasonable number of copies of the Licensed Product solely for backup or archival purposes; and

(h) make a reasonable number of copies of the Documentation for the Licensed Product, and use the Documentation solely to support your use of the Licensed Product.

1.5. Implementation IP License: In addition, when you are granted a license to any Implementation IP, you will have a nonexclusive right to:

(a) integrate the Implementation IP into your Designs to create one or more Integrated Designs;

(b) make, use, and sell physical implementations (commonly referred to as semiconductor chips) of one or more of the Integrated Designs;

(c) distribute the Implementation IP in netlist or GDSII format as part of any of your Integrated Designs to any third party that provides foundry services to you, solely for the purpose of having that foundry make physical implementations of one or more of entire Integrated Designs of yours, as long as the third-party foundry is subject to confidentiality obligations regarding the Implementation IP that are no less restrictive than the confidentiality obligations in this agreement; and

(d) if you purchased from Synopsys the right to use certain Implementation IP in source code format, you may modify that Implementation IP in support of your development of Integrated Designs.

1.6. Node-Locked License. If you have obtained the Licensed Product under a node-locked license, then a „Änode,Ä refers to a specific machine and the License Product may be installed only on the number of nodes indicated on the applicable Synopsys Purchasing Agreement, must be used only on the node(s) on which it is installed, and may be accessed only by users who are physically present at that node. Further, a node-locked license may only be used by one (1) user at a time running one (1) instance of the Licensed Product at a time.

1.7. Evaluation Licenses: If you obtain an evaluation license for a Licensed Product, you will have the same license rights as described above except that you may use the Licensed Product only for the purpose of evaluating it and deciding whether to purchase a license to use it for production purposes. You shall not use the Licensed Product to design any integrated circuits for production or pre-production purposes or any other commercial use including, but not limited to, for the benefit of your customers. If you breach the forgoing restrictions, then you shall pay to Synopsys a license fee equal to Synopsys's perpetual list price plus maintenance for the commercial version of the Licensed Product. You agree that damages for such a breach would be difficult to assess, and such payment represents a reasonable assessment of the potential damage to Synopsys. You recognized and agree that this amount is a reasonable, liquidated amount and not a penalty. Also, evaluation copies of Licensed Products are provided "AS IS". Therefore the warranty and indemnification provisions in this agreement do not apply to evaluation licenses.

1.8. End Users: You may designate any of your employees whose primary work location is in the designated Use Area as End Users.

1.9. Use Area; Telecommuting Employees; Use Over a WAN: You must ensure that your End Users use the Licensed Product only when they are in the designated Use Area, except that any End User who is your employee, whose primary work location is in the designated Use Area, and whose primary residence is within 50 miles of the designated Use Area, may access the Licensed Product from his primary residence through a secure network that requires a secure ID card or other more protective security safeguards. If you have purchased the right to use a Licensed Product over your wide area network (commonly referred to as a "WAN"), then unless the Purchasing Agreement states otherwise, the Licensed Product may be used by your End Users who are located at any of your facilities worldwide (if you purchased the right to use over a global WAN) or at any of your facilities on the same continent on which your Key Server is located (if you purchased the right to use over a continental WAN). This section 2.6 does not apply to Licensed Products obtained under a node-locked license as referenced in section 2.3.

1.10. Key Servers; Hardware Relocation: You may not permanently relocate a Key Server outside of the designated Use Area without obtaining written approval from Synopsys. If a Key Server becomes inoperative due to malfunction, repair, or maintenance, you may request Synopsys's permission to set up and temporarily use a single back-up Key Server on another computer in the same Use Area until the original Key Server returns to service.

1.11. Conditions: Your right to use the Licensed Product is conditioned upon your timely payment of the full amount of Fees due for the Licensed Product and your compliance with the terms and conditions of this agreement. When the License Term expires, your license rights also expire and you may no longer use the Licensed Product.

1.12. Restrictions: You may not (and may not allow anyone else to):

(a) copy or use any Licensed Product (or Documentation) in any manner that is not expressly allowed by the license rights stated above;

(b) decompile, reverse engineer, or otherwise attempt to derive the source code for any Licensed Product or any underlying algorithms, user interface techniques, or other ideas embodied in a Licensed Product;

- (c) tamper with, or attempt to circumvent or disable, any License Key (this includes, for example, resetting the CPU time in order to extend the License Term, or using a false host ID number or additional virtualized copy(ies) of the host ID number to enable unauthorized copies of a License Key);
- (d) distribute any copy of a Licensed Product (or Documentation) except as expressly allowed by the license rights stated above, or allow anyone other than your End Users to have access to or use (such as in a timesharing, service bureau, or application service provider model) any Licensed Product;
- (e) use a Licensed Product (except ARC MQX Products) or its output to create, modify, or simulate Designs for third parties;
- (f) use a Licensed Product or its output to develop or enhance any product that competes with a Synopsys product;
- (g) modify or create a derivative work of any part of a Licensed Product or Documentation;
- (h) disclose the results of any benchmarking of a Licensed Product (whether or not the results were obtained with assistance from Synopsys) to any third party; or
- (i) use a Licensed Product in the development of any product if the failure or malfunction of that product could reasonably be expected to result in personal injury, death, or catastrophic loss.

If the License Key limits the number of End Users who may use a Licensed Product simultaneously or the number of simultaneous Clients, you must ensure that this limit is not exceeded, by platform virtualization or any other means.

1.13. Copies: If you make backup or archival copies of a Licensed Product or Documentation, you must reproduce all copyright, trademark, and other notices that appear on the original copy.

1.14. Transfers and Assignments: You may not transfer or assign your license rights to any other person in any manner (by assignment, operation of law or otherwise) unless you have obtained written consent from Synopsys. If you attempt to transfer or assign any of your license rights without Synopsys's consent, the transfer or assignment will be ineffective, null, and void (and you will be in material breach of this agreement). For purposes of this section 2.11, a transfer or assignment of your license rights will be deemed to have occurred (a) if a third party (or group of third parties acting in concert) acquires beneficial ownership of fifty percent (50%) or more of either (i) your or a Parent Entity's assets or (ii) the stock or other equity interests entitled to vote for your or a Parent Entity's directors or equivalent managing authority, or (b) in the event of a merger, consolidation or other business combination between you or a Parent Entity and one or more third parties where your or a Parent Entity's stockholders immediately before that transaction own (directly or indirectly), after that transaction, less than fifty percent (50%) of the stock or other equity interests entitled to vote for the directors or equivalent managing authority of the surviving entity.

1.15. Open Source Software: The Licensed Product may be delivered with software that is subject to open source licensing terms ("Open Source Software"), which terms are available upon request. Certain Open Source Software licenses require that source code be made available upon request. Licensee may request a copy of such source code by post to Synopsys at: Synopsys, Inc., Attention: Open Source Software Requests, 690 East

Middlefield Road, Mountain View, California 94043, USA. Licensee agrees that all Open Source Software shall be and shall remain subject to the terms and conditions under which it is provided. The Open Source Software is provided „AS IS,, WITHOUT ANY WARRANTY OF ANY KIND, AND SYNOPSYS FURTHER DISCLAIMS ALL OTHER WARRANTIES, EXPRESS, IMPLIED OR STATUTORY, WITH RESPECT TO OPEN SOURCE SOFTWARE, INCLUDING BUT NOT LIMITED TO THE IMPLIED WARRANTIES OF NONINFRINGEMENT, MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. NEITHER SYNOPSYS NOR THE LICENSORS OF OPEN SOURCE SOFTWARE SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), 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 OR DISTRIBUTION OF THE OPEN SOURCE SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES. Copyrights to the Open Source Software are held by the copyright holders indicated in the copyright notices in the corresponding source files.

#### Order and Delivery

1.16. Ordering Synopsis Products: You may order the products and services identified in the Purchasing Agreements at any time by submitting an order to Synopsis through Synopsis,Âs on-line ordering system or as otherwise directed by Synopsis. When using Synopsis,Âs on-line ordering system, you shall be responsible for ensuring that all information you provide is accurate and complete and that any person placing an order on your behalf has your authority to do so. Once you submit an order, you may not cancel or change it. Your order must indicate which products and services you want to purchase (including, in the case of Licensed Products, the type of license, the quantity, the License Term or in the case of ARC MQX Products the applicable ARC MQX Licensee Product, the location(s) of your facility(ies) where the Licensed Products may be used (we may refer to this as the „Authorized Sites,, in a Purchasing Agreement), and any other information Synopsis would need to fulfill your order (including any information needed to generate a License Key). Synopsis may, in its reasonable discretion, accept or reject your order. Synopsis may accept your order by sending you written or electronic notice of acceptance or simply by fulfilling your order.

1.17. Delivery: If Synopsis accepts your order for one or more Licensed Products, Synopsis will then deliver to you the Licensed Products along with the corresponding Documentation and License Keys. Synopsis will deliver these materials to you electronically except where prohibited by law.

1.18. Electronic Software Transfer: When Synopsis delivers a Licensed Product by electronic software transfer, Synopsis will send you an e-mail to your designated e-mail address(es) to notify you that the Licensed Product is available. Synopsis,Âs obligation to deliver the Licensed Product will be fulfilled when this e-mail notice is sent. You will be responsible for downloading or requesting for delivery the Licensed Product and Documentation from the FTP Server and the License Key from Synopsis,Âs website at [www.synopsys.com](http://www.synopsys.com), unless Synopsis gives you other instructions. You must notify Synopsis in writing if you change your designated e-mail address(es).

1.19. Tangible Media: When Synopsys delivers Licensed Products to you on tangible media, the media may contain other software programs in addition to the Licensed Products. If it does, you will not have a license to use (and the License Keys for the Licensed Products will not permit you to use) these other software programs, and you must not attempt to access, use, reproduce, modify, reverse engineer, or otherwise tamper with these other software programs. If you lose or damage the media, Synopsys will, at your request, provide a replacement at a nominal charge. All deliveries of tangible items by Synopsys, Inc. will be made F.O.B. Origin; all deliveries of tangible items by other Synopsys entities will be made Ex Works (EXW) Origin.

#### Fees and Payment

1.20. Fees: The Fees for the products and services you may purchase under this agreement will be identified in the Purchasing Agreements. You agree to pay the Fees according to the payment terms in the applicable Purchasing Agreement.

1.21. Payments: If the applicable Purchasing Agreement does not contain specific payment terms for the Fees in question, payment of those Fees will be due within 30 days after the date of Synopsys's invoice. If you do not pay an amount by the scheduled due date, Synopsys will have the right to withhold the delivery of License Keys and/or terminate this agreement or a Purchasing Agreement and accelerate the due date of all remaining payments. In this event, you will owe the entire outstanding balance as soon as you receive written notice from Synopsys that your payment is due. All payments you make to Synopsys are non-refundable. You may not offset any amounts you believe Synopsys owes you against any payments you make to Synopsys under this agreement. You must make payments in U.S. dollars. If you do not pay an amount by the due date, you must also pay a late payment charge of 1.5% per month or the highest rate permitted by law, whichever is less.

1.22. Taxes: You will be solely responsible for paying all taxes (including sales, use, consumption, withholding, and value-added taxes and similar taxes), other than Synopsys's income taxes, that are imposed on or result from your purchase, license, or use of Synopsys products and services. If Synopsys is required by law to collect and remit any such taxes, Synopsys may invoice you for such taxes and you agree to pay the invoiced amount to Synopsys. If you are required by the respective jurisdiction where the Licensed Products are used, or where services are provided, to withhold taxes from payments to Synopsys, you may withhold from the total amount due to the respective Synopsys distributing entity the minimum amount required (but no more). You may only withhold taxes related to a payment at the time of such payment. You must then promptly pay that amount to the appropriate tax authority and provide Synopsys with an official receipt for the payment within 60 days of your payment.

1.23. Bankruptcy: If you become the subject of any bankruptcy, dissolution, liquidation, or similar proceedings or make a general assignment for the benefit of your creditors, Synopsys may apply any payments you have previously made to Synopsys for products or services not yet delivered by Synopsys against any amounts you owe Synopsys at that time for products or services that have been delivered by Synopsys (under this agreement or otherwise).

#### Services

1.24. Maintenance Services: Maintenance Services consist of the following:

(a) Support: Synopsys will provide you with access to SolvNet and online Documentation, and will use commercially reasonable efforts to make available the Synopsys Support Center on Monday through Friday, during Synopsys's normal business hours, excluding Synopsys's scheduled holidays. A valid corporate email address is required to access SolvNet and online Documentation.

(b) Updates: Synopsys will use commercially reasonable efforts to provide Updates as they become generally available. Any other upgrades or enhancements to the Licensed Products are not made available by Synopsys as part of Maintenance Services and may be subject to additional charges.

1.25. Updates to Terms: Synopsys may update its Maintenance Services terms on 60 days prior written notice, provided that these updates are applied generally to its Maintenance Services customers.

1.26. Conditions: In order to receive Maintenance Services for a Licensed Product, all of the following conditions must be met:

(a) you must have purchased Maintenance Services for such Licensed Product (unless it is licensed under a TSL, in which case Maintenance Services are included);

(b) you must appoint a qualified contact person trained in the use of the Licensed Product to interface with Synopsys regarding Maintenance Services, and identify such person to Synopsys in advance;

(c) you must provide Synopsys with access to the information and system facilities reasonably necessary to provide the Maintenance Services;

(d) you must follow the directions provided by the Synopsys Support Center to resolve technical problems;

(e) you must follow the operating instructions and procedures for the Licensed Product as specified in the Documentation or provided by Synopsys; and

(f) you must notify Synopsys of any error or other problem in the Licensed Product using Synopsys's current problem reporting procedure.

1.27. Exclusions: Synopsys will have no obligation to provide Maintenance Services for any Licensed Products that are damaged, modified (by anyone other than Synopsys), incorporated into other software, or installed in any computing environment not supported by Synopsys; or for any version of a Licensed Product other than the latest and immediately preceding version; or for any problems caused by your negligence, abuse, misuse, or by any causes beyond Synopsys's reasonable control.

1.28. Reinstatement of Maintenance Services: If Maintenance Services are terminated for any reason, or if you wish to renew Maintenance Services more than thirty (30) days after Maintenance Services have been terminated, you may be permitted to reinstate or renew Maintenance Services, at Synopsys's sole option, provided that (a) Synopsys offers Maintenance Services to its customers generally for the Licensed Product in question, and (b) you pay Synopsys the following: all applicable Maintenance Services fees for the period during which you were off Maintenance Services, and Synopsys's then-current reinstatement fee plus payment for the new Maintenance Services term.

1.29. ViewConnect: If you wish to permit Synopsys to deliver Maintenance Services through the use of a shared customer desktop, you must download and install the

ViewConnect Tool and related publicly-available, third-party software modules. You are not required to use the ViewConnect Tool, but if you choose to do so, you have the nonexclusive right to use the ViewConnect Tool only to enable Synopsys to remotely access your computer system for the purpose of providing Maintenance Services. Your rights to the third-party software modules are separately described in their accompanying license terms. The ViewConnect Tool and the third-party software modules are not Licensed Products nor is their use governed by this agreement.

5.7. Training Services: Synopsys offers Training Services, which may be purchased and ordered through the online registration system found at [www.synopsys.com](http://www.synopsys.com).

#### Confidentiality

1.30. Confidentiality Obligations: Each party (you and Synopsys) agrees to abide by the following confidentiality obligations with respect to the other party's Confidential Information:

(a) do not disclose it to any third party unless (i) the other party has given its specific and express prior written approval, (ii) the disclosure is expressly allowed under this agreement, or (iii) the disclosure is necessary to comply with a valid court order or subpoena;

(b) do not use it for any reason other than to exercise its rights and perform its obligation under this agreement; and

(c) protect it from unauthorized dissemination in the same manner as that party protects its own Confidential Information, and in any event with reasonable precautions (which include limiting access to employees and contractors on a "need-to-know" basis).

1.31. Mandatory Disclosures: If you believe you must disclose Synopsys's Confidential Information in order to comply with a valid court order or subpoena, you must promptly notify Synopsys and cooperate with Synopsys if Synopsys chooses to contest the disclosure requirement, seek confidential treatment of the information to be disclosed, or to limit the nature or scope of the information to be disclosed. Synopsys will do the same if it believes it must disclose your Confidential Information in these circumstances.

1.32. Additional Obligations: In addition to your general obligations of confidentiality regarding the Licensed Products and Documentation, you must take the following steps to help prevent any unauthorized access to or use of the same:

(a) you must ensure that each End User who is your independent contractor (not your employee) has access to and uses the Licensed Products and Documentation only while working on your physical premises; and

(b) you must monitor each End User's use of the Licensed Products to ensure that the End User abides by the terms of this agreement.

#### Term and Termination

1.33. Term of Agreement: The term of this agreement will begin on the effective date stated on the signature page and will end when the last Purchasing Agreement expires, unless this agreement is terminated sooner by either party.

1.34. Term of Purchasing Agreement: Each Purchasing Agreement will have its own term, as indicated on that Purchasing Agreement.

1.35. Rights to Terminate: Each party has the right to terminate this agreement, by giving written notice of termination to the other party, if (a) the other party breaches this



agreement and (b) either the breach cannot be cured or, if the breach can be cured, it is not cured by the breaching party within 15 days after receiving written notice of the breach from the non-breaching party. An Error will not be considered a breach of this agreement that allows you to terminate the agreement, but it could give rise to a warranty claim under section 8.

1.36. Consequences of Termination: If and when either you or Synopsys terminates this agreement, all Purchasing Agreements in effect at that time will also terminate. When this agreement, a Purchasing Agreement or an individual license to a Licensed Product expires or is terminated:

(a) you must (i) immediately cease all use of the Licensed Products, Documentation, Design Techniques, and other Confidential Information, (ii) promptly return to Synopsys or destroy all copies of the Licensed Products, Documentation, and other Confidential Information in your possession or control, and (iii) certify in writing to Synopsys that you have complied with clauses (i) and (ii), except, however, that your license to Implementation IP incorporated into Designs prior to termination shall continue according to its terms;

(b) you will remain obligated to pay any amounts you owe to Synopsys at that time; and

(c) the provisions of sections 4, 6, 7.4, 8.4 and 10, and the warranty disclaimers in section 8, will remain in effect.

#### Limited Warranty

1.37. Warranty: For a period of 90 days from when Synopsys delivers a Licensed Product to you (the „Äüwarranty period,Äü), Synopsys warrants that the Licensed Product will have no Errors when used on the correct platform and according to the instructions in the corresponding Documentation. This warranty will be void if you, or anyone else other than Synopsys, modifies or attempts to modify the Licensed Product.

1.38. Warranty Claims: To claim a breach of this warranty, you must, during the warranty period, notify Synopsys in writing of the Error or Errors that you have encountered and provide Synopsys with all the information you have, in written or electronic form, about those Errors, so that Synopsys can attempt to reproduce, diagnose, and correct the Errors.

1.39. Exclusive Remedy: Your exclusive remedy for any breach of this warranty is that Synopsys will use commercially reasonable efforts to (at Synopsys,Äôs option) correct the Errors you have reported or provide a replacement product that does not contain these Errors, or if Synopsys is unable to provide a correction or a replacement or determines that it will not be feasible to do so, Synopsys will refund the Fees you paid for that Licensed Product.

1.40. Disclaimer: Except for the warranty in this Section 8, all Licensed Products, Documentation, Design Techniques, and any third party software are provided „ÄüAS IS,Äü without any other warranties of any kind. Synopsys further disclaims all other warranties (express, implied, or statutory), including any warranties of merchantability, fitness for a particular purpose, title, or non-infringement and any warranties arising from a course of dealing or usage of trade.

#### Infringement Claims

1.41. Indemnity: Synopsys will, at its own expense, be entitled to defend (or at its sole option, settle) any claim asserted against you by a third party that any Licensed Product

you obtained from Synopsys under this agreement directly infringes any U.S. patent, copyright, trademark, or trade secret. Synopsys will indemnify you for any damages you suffer and costs you reasonably incur that are directly attributable to any such claim and that are assessed against you in a final, non-appealable judgment or agreed upon by Synopsys in a settlement.

1.42. Conditions: Synopsys's obligations to defend and indemnify you with respect to a particular claim are subject to the following conditions:

- (a) you must promptly give Synopsys written notice of the claim;
- (b) you must identify the specific Licensed Product(s) at issue in the claim and indicate how the Licensed Product(s) is(are) utilized by you or your products;
- (c) you must give Synopsys sole control and authority over the defense and settlement of the claim; and
- (d) you must provide Synopsys with all information you have regarding the claim and cooperate with Synopsys when Synopsys defends or attempts to settle the claim.

1.43. Pro-Active Steps: If any Licensed Product is, or Synopsys believes is likely to become, the subject of a claim for which Synopsys would be obligated to defend and indemnify you, then Synopsys may, at its option, do any of the following:

- (a) obtain for you (at no cost to you) the right for you to continue using the Licensed Product as permitted by this agreement;
- (b) replace or modify the Licensed Product to avoid the infringement problem, as long as there is no material loss of functionality; or
- (c) if Synopsys reasonably concludes that it will not be feasible to do either of the above, terminate your license for the Licensed Product and give you a prorated refund (based on how much of the License Term has elapsed) of the Fees you paid for that license.

1.44. Exclusions: Synopsys will have no obligation to defend or indemnify you (notwithstanding the first paragraph of this section) with respect to any claim that is based on or attributable to any of the following:

- (a) any modification made to the Licensed Product by anyone other than Synopsys;
- (b) the combination or use of the Licensed Product with other products, processes, or materials not supplied by Synopsys or specified in the Documentation as being necessary to use the Licensed Product;
- (c) your continued engagement in infringing activities after you were notified of the infringement or after Synopsys informed you of a modification or workaround that would have avoided the infringement; and
- (d) your use of the Licensed Product in a manner not permitted by this agreement.

1.45. Burden of Proof: You will have the burden of showing that indemnification is required pursuant to this section 9 and that the exclusions in section 9.4 are not applicable.

1.46. No Other Obligations: Except as expressly stated in this section 9, Synopsys has no obligation or liability to you for any actual or alleged infringement related to the Licensed Products, Documentation, or Design Techniques.

#### Other Terms

1.47. Ownership of IP Rights: Synopsys and its licensors own all Intellectual Property Rights in the Licensed Products, Documentation, and Design Techniques. Your only rights in the Licensed Products, Documentation, and Design Techniques are the rights expressly

granted in this agreement; all other rights are reserved by Synopsys. Synopsys, its licensors are third-party beneficiaries of, and thus may enforce against you, the license restrictions and confidentiality obligations in this agreement with respect to their intellectual property and proprietary information. You will own all Intellectual Property Rights in the Designs you create using the Licensed Products, Documentation, and Design Techniques, subject to Synopsys, its (and its licensors, its) ownership of the Intellectual Property Rights in the Licensed Products, Documentation, and Design Techniques. Synopsys may freely use and disseminate any Feedback you provide. You agree not to claim that Synopsys owes you any compensation for its use or dissemination of such Feedback.

1.48. OMITTED

1.49. OMITTED

1.50. Limitation of Liability: For each product or service you license or purchase from Synopsys under this agreement, Synopsys, its total, cumulative liability to you, including under section 9, is limited to the amount of Fees you paid for that product or service (regardless of the nature of the liability or the nature or number of claims giving rise to the liability). Synopsys will not, under any circumstances or any theory of liability, be liable to you for any lost profits, loss of data, or consequential, incidental, or special damages arising from this agreement or the products and services provided to you under this agreement. However, this disclaimer of Synopsys, its liability for consequential damages does not limit or reduce Synopsys, its obligations to defend and indemnify you under section 9. The limitations of liability in this section are a fundamental part of this agreement and enable Synopsys to provide products and services to you at lower prices. These limitations of liability are intended to apply even if an exclusive remedy is found to have failed of its essential purpose.

1.51. Export Controls: You shall remain familiar with your obligations under any and all laws, statutes, regulations, ordinances of any local, states, federal, national, or other jurisdictional locality, as applicable to the export, import, and/or end-use of Synopsys products, technology, and services. Products and/or technology sold under this agreement may be subject to various Export Control Laws and Regulations including but not limited to, U.S. Export Administration Regulations (EAR), the U.S. Office of Foreign Asset Control (OFAC), the European Union (EU) Export Control Regime Regulation (EC) No. 428/2009, and/or the EU Consolidated Sanctions List. Where a product and/or technology is identified as export controlled from the country(ies) of export to (1) the destination country(ies), (2) a restricted/proscribed end use, and/or (3) a restricted end user, a government-issued export license must be obtained prior to fulfillment under this agreement and in accordance with all applicable laws. You agree that Synopsys shall not be required to complete delivery of export controlled products or technology unless and until all required export licenses have been obtained.

1.52. Governing Law; Jurisdiction: This agreement is governed by the laws of the United States and the State of California, without regard to conflicts of laws principles. The federal and state courts located in Santa Clara County, California have exclusive jurisdiction over any disputes arising from or relating to this agreement, and each party consents to such jurisdiction and venue.

1.53. Notices: Any notice, approval, consent, or other communication intended to have legal effect under this agreement must be given to the other party in writing, must be sent by first-class, registered, or overnight mail or private overnight courier (to the address for the other party stated on the signature page, unless the other party has given notice of a new address), and will be deemed given upon receipt or when delivery is refused. A copy of any communication sent to Synopsys must also be sent to the attention of the General Counsel.

1.54. Waivers: Either party's failure to enforce any provision of this agreement will not be deemed a waiver of the future enforcement of that provision or enforcement of any other provision. In order to be binding, a waiver must be in writing and signed by the party giving the waiver.

1.55. Independent Contractors: The parties to this agreement are independent contractors. Neither party is the agent or partner of the other party, or has any power or authority to act on behalf of the other party.

1.56. Severability: If any provision in this agreement is found to be invalid or unenforceable as written, the remaining provisions will remain in full force and effect and the invalid or unenforceable provision is to be construed (and, if necessary, modified) so that it is valid and enforceable to the greatest extent possible.

1.57. Attorneys' Fees: The prevailing party in any action to enforce this agreement will be entitled to recover costs and expenses including reasonable attorneys' fees.

1.58. Remedies: Except where this agreement expressly provides exclusive remedies, all rights and remedies of either party (including termination rights) are cumulative. You agree that monetary damages alone would not be an adequate remedy, and therefore Synopsys will be entitled to injunctive relief if you materially breach the license restrictions or confidentiality provisions in this agreement.

1.59. Force Majeure: Each party will be excused from performance of its obligations under this agreement, except payment obligations, to the extent that performance is rendered impossible by earthquake, fire, flood, governmental action, labor disruptions, supplier failures, or any other event or circumstance beyond that party's reasonable control.

1.60. Construction: Section headings in this agreement are for convenience only. The word "including" (and variations thereof) is not intended to be limiting. No rule of strict construction is to be used when interpreting this agreement.

1.61. Counterparts: This agreement may be signed in multiple counterparts, each of which will be deemed an original and which together will constitute one instrument.

1.62. Press Release: The parties intend to work together to prepare and publish a mutually acceptable press release concerning this agreement.

1.63. Government Users: If you are a branch or agency of the United States Government, or are acquiring any Licensed Product on behalf of any branch or agency of the United States Government, then the following provision applies. The Licensed Products and Documentation are comprised of "commercial computer software" and "commercial computer software documentation", as such terms are used in 48 C.F.R. 12.212, and are provided to the Government (a) for acquisition by or on behalf of civilian agencies, consistent with the policy set forth in 48 C.F.R. 12.212; or (b) for acquisition by or

on behalf of units of the Department of Defense, consistent with the policies set forth in 48 C.F.R. 227.7202-1 and 227.7202-3.

1.64. Synopsys Entities: Synopsys, Inc. and its wholly-owned subsidiaries, including, but not limited to, Synopsys International Limited, Synopsys International Limited Taiwan Branch, Synopsys Korea, Inc., Synopsys Technologies Company Limited and Nihon Synopsys, G.K., have agreed to their respective rights and obligations regarding the distribution of the Licensed Products and the performance of obligations related to the Licensed Products. You acknowledge that: (a) Synopsys Inc. or any directly or indirectly wholly-owned subsidiary or branch of Synopsys, Inc. may treat a purchase order addressed to that entity, representative office or branch as having been addressed to the appropriate entity or entities or branch with distribution rights for the geographic region in which the Licensed Products will be used; and (b) delivery will be completed by the Synopsys entity or branch with distribution rights for the geographic region in which the Licensed Products will be used or service will be provided. For products used or services provided in the Americas, Israel or Africa, the distributing Synopsys entity is Synopsys, Inc., based in California, USA. For products used or services provided in Taiwan, the distributing Synopsys entity is Synopsys International Limited Taiwan Branch, based in Taiwan. For products used or services provided in the Republic of Korea, the distributing Synopsys entity is Synopsys Korea, Inc., based in the Republic of Korea. For products used or services provided in the People's Republic of China (PRC), the distributing Synopsys entity is Synopsys Technologies Company Limited or Synopsys International Limited. For products used or services provided in Russia, the distributing Synopsys entity is Synopsys LLC (Moscow) or Synopsys, Inc.. For products used or services provided in Japan, the distributing Synopsys entity is Nihon Synopsys G. K., based in Japan. For products used or services provided in any country other than those identified above, the distributing Synopsys entity is Synopsys International Limited, based in Ireland.

1.65. Entire Agreement: This agreement and any applicable attachments and Purchasing Agreements are the entire agreement between the parties concerning its subject matter, and supersede any prior or contemporaneous agreements, communications, or understandings (whether written or oral). However, any confidentiality or nondisclosure agreements that Synopsys previously entered into with you will remain in effect (according to their terms) with respect to the confidential information disclosed thereunder.

1.66. Amendments: This agreement may be amended only by means of a written instrument signed by authorized representatives of both parties that specifically refers to this agreement and states the parties' intention to amend it. No additional or inconsistent terms on any purchase order or similar document you may submit to Synopsys will be binding on Synopsys or have any legal effect.

## Glossary of Definitions

API means application programming interface for accessing specific functionality of an ARC MQX Product.

ARC MQX End Customer means a customer to whom you distribute an ARC MQX Licensee Product and who shall be obligated to maintain the confidentiality of any provided Documentation, and not expose any API of the ARC MQX Product to any third party.

ARC MQX Licensee Executable means an application program, in executable form, statically linked with and using certain APIs of an ARC MQX Product, for execution solely on an embedded ARC processor.

ARC MQX Licensee Product means a product owned by you, that is specifically identified to Synopsys in a Purchasing Agreement or other document accepted by Synopsys, and that incorporates an embedded processor and the ARC MQX Licensee Executable.

ARC MQX Product means the Synopsys real-time operating system platform for the ARC processor architecture including associated source files, application programming interfaces files, and utilities for use in creating applications that run on the ARC processor architecture.

ARC Software Development Product means any MetaWare Products, nSIM Products and xCAM Products.

Board Support Package Features means those configuration files in an ARC MQX Product that define hardware components with which the ARC MQX Licensee Executable is intended to interoperate.

Client means an instance of a Licensed Product running on a computer. This means, for example, that two Clients can be either two instances of a Licensed Product running on the same computer or one instance of a Licensed Product running on each of two computers.

Confidential Information of Synopsys means (a) the Licensed Products (in any form), the Documentation, the License Keys, and SolvNet; (b) Design Techniques and all ideas and information (such as algorithms, design rules, and design techniques) contained or embodied in the Licensed Products, Documentation, License Keys, or SolvNet; (c) the prices, discounts, payment terms, and other information in the Purchasing Agreements; (d)

Synopsys Training Services materials including without limitation presentations, demonstrations, software and course handouts, and (e) any other confidential or proprietary information that Synopsys provides to you in connection with this agreement.

Your Confidential Information is any confidential or proprietary information in (i) written form that you provide to Synopsys in order for Synopsys to fulfill your orders and provide products and services to you under this agreement, and (ii) oral form that you provide to Synopsys in order to receive Maintenance Services; as long as you notify Synopsys at the time of disclosure that such information is to be treated as confidential under this agreement. However, Feedback is not your Confidential Information. Also, Confidential Information does not include any of the following:

- (1) information that has become generally available to the public, through no fault of yours (in the case of Synopsys Confidential Information) or Synopsys (in the case of your Confidential Information) and that is not still regarded as a trade secret under laws governing information that was negligently or maliciously distributed;
- (2) information that the receiving party had already obtained in a tangible form, through lawful means, before obtaining it under this agreement;
- (3) information that the receiving party developed independently, without the use of any materials or information obtained from the other party in connection with this agreement;

(4) information that the receiving party has lawfully obtained, in a tangible form, from a third party that had the right to provide it to the receiving party; or

(5) information that the disclosing party releases for publication in writing.

Design means a representation of an electronic circuit or device that you create through the use of one or more Licensed Products. The representation may exist in various formats including, but not limited to, equations, truth tables, schematic diagrams, textual descriptions, hardware description languages, executable software source code and netlists.

DesignWare has the meaning given in section 1 of the Terms and Conditions.

Design Database means a design database for your Design that incorporates DesignWare in any format (except unencrypted source code for Implementation IP), along with all copyright and other proprietary legends for such DesignWare.

Design Techniques means Synopsys-supplied algorithms, data, circuit and logic elements, libraries, rule bases, search strategies, and other technical information used in the process of creating Designs.

DesignWare Fee-Per-Use Core means an IP core (as this term is understood in the semiconductor industry) for which Synopsys charges an additional fee each time it is used in the design of an integrated circuit.

Documentation means any user manuals, reference manuals, release, application and methodology notes, written utility programs, and other materials in any form provided by Synopsys for use with a Licensed Product.

End User means an individual who works for you as an employee or independent contractor and whom you designate and authorize to access and use a Licensed Product as permitted by this agreement.

Error means a defect in a Licensed Product that causes it to deviate substantially from the specifications in the corresponding Documentation.

Feedback means any ideas or suggestions you voluntarily provide to Synopsys (in any manner, whether in writing or orally or otherwise) regarding the Licensed Products, Documentation, or Design Techniques, including possible enhancements or improvements.

Fees means the amounts you must pay when you purchase products and services from Synopsys under this agreement, as identified in each Purchasing Agreement.

FTP Server means a Synopsys server that you can access via the Internet in order to download Licensed Products you have ordered.

Implementation IP means synthesizable designs (other than Verification IP).

Integrated Design means a Design that combines Implementation IP with the Design and does not consist primarily of Implementation IP.

Intellectual Property Rights means all patent rights, copyrights, trade secret rights, mask works, and trademark rights (including service marks and trade names), and any applications for these rights, in all countries.

Key Server means the computer with the host I.D. number that is identified in the License Key and which controls access to and enables the use of a Licensed Product.

License Key means a document (in physical or electronic format) provided by Synopsys that identifies: (a) the Licensed Product, including version number, licensed to you; (b) the

Key Server; (c) the number of permitted Clients; and (d) the codes that initialize use of the Key Server.

License Term means the period of time during which you may use a Licensed Product under a particular license.

Licensed Design Partner means a third party that (a) you have engaged to work with you on a common Design; and (b) has a valid Synopsys end user license agreement for the DesignWare used in your Design.

Licensed Products has the meaning given in section 1 of the Terms and Conditions.

Licensed Software has the meaning given in section 1 of the Terms and Conditions.

Maintenance Services has the meaning given in section 1 of the Terms and Conditions.

MetaWare Product means a Synopsys software development tool used to create, profile and debug software applications that run on an embedded microprocessor, identified by Synopsys with the product name „ÁMetaWare,À.

nSIM Product means a Synopsys software model of the instruction set of an embedded ARC microprocessor, identified by Synopsys with the product name „ÁnSIM,À.

Open Source Software has the meaning given in section 2.12 of the Terms and Conditions.

Parent Entity means a person, company or other entity that owns, directly or indirectly, more than fifty percent (50%) of your assets or of the stock or other equity interests entitled to vote for your directors or equivalent managing authority.

Purchasing Agreement means the applicable Synopsys sales quotation, FSA schedule, purchase agreement or other agreement describing (among other things) the products and services that you have licensed or purchased, including pricing information.

SolvNet means Synopsys,Às suite of online support services accessible via the Internet.

Synopsys Competitor means any corporation or other legal entity in the business of developing and/or marketing (including making generally commercially available to end user customers) one or more electronic design automation software products or intellectual property cores or related services.

System-on-Chip means an integrated circuit which integrates the microcontroller, microprocessor, peripherals and interfaces in a single Design.

TSL means a time-based technology subscription license of a Licensed Product. A TSL lasts for a specific period of time (the License Term) from when the license is delivered and includes (at no additional charge) Maintenance Services for the Licensed Product in question.

Updates means error corrections and minor improvements to the Licensed Products.

Use Area for a Licensed Product means a single geographical site that you own or occupy as your place of business, which may consist of one or more buildings located within 5 miles of one another, and in which the Key Servers, Clients, and End Users for that Licensed Product are all located, except as modified by the right to allow End Users to telecommute or use over a WAN in section 2.6.

Verification IP means test benches (including software models, test suites, and monitors) that simulate, test, and verify the functionality of certain electronic circuits or devices.

WAN means a wide area network as referred to in section 2.6.



xCAM Product means a Synopsys software development tool that creates and uses cycle-accurate software models of an embedded ARC microprocessor, identified by Synopsys with the product name „xCAM“.

You (and variations thereof) means the entity that signs or agrees to this agreement as the customer.

Synopsys DesignWare files version 2018.09

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The Synopsys files are subject to the following End-User License Agreement for DesignWare Fee-Per-Use Cores, by accepting these terms and using such files, (1) you agree to be bound by these terms, and (2) you acknowledge that Synopsys has no obligation to provide support to you in connection with your use of such files.

## SYNOPSYS

### END-USER LICENSE AGREEMENT FOR DESIGNWARE FEE-PER-USE CORES

This agreement covers the DesignWare Fee-Per-Use Cores and related services you license (or purchase) from Synopsys, unless and until we enter into a new agreement or agreement that expressly replaces this one. If you use the Synopsys Cores and related services as an employee of or for the benefit of your company, you represent that you have the power and authority to accept this agreement on behalf of your company. Your company will be the licensee under this agreement. By clicking on the „I Agree“ button below, you consent to the terms and conditions of this agreement on behalf of yourself and the company on whose behalf you will use the Synopsys Cores and related services provided under this agreement. The effective date of this agreement is the date that you click the „I Agree“ button. If you do not agree to the terms and conditions of this agreement or if you do not have the power and authority to accept the terms and conditions of this agreement on behalf of your company, you may not use the Synopsys Cores and related services and Synopsys is unwilling to provide you with them.

#### 1. Core Related Software and Services

The Synopsys products and services that you may license or purchase under this agreement are identified in the Purchasing Agreements governed by this agreement, and may include (but are not limited to):

(a) DesignWare Fee-Per-Use Cores (or „Cores“), which are software products that represent an integrated circuit function which can be implemented in your Licensee IC, and which typically include associated design files in a variety of formats (such as

synthesized gate-level netlists, GDSII files, MEBES or other mask writing databases, finished masks, or reticles);

(b) Verification Environments, which are simulation and test software used in connection with Cores, such as simulation modules and simulation data analysis tools; and

(c) Core Support Services, which means the support services described in section 5.

The terms „Core Software,“ means Cores, Verification Environments, and any Modifications furnished to you by Synopsys while providing Core Support Services, together with any documentation and other materials that may accompany them.

Additional terms and conditions (beyond those stated here and in any attachments) may apply to certain Core Software. When ordering these Core Software, you will be given an opportunity to review the additional terms and conditions that must be accepted for you to receive the Core Software. If the additional terms and conditions conflict in any way with the terms and conditions stated here, the additional terms and conditions will prevail.

## 2. Licenses

2.1 Your License Rights: When you purchase a license to Core Software, upon delivery of the Core Software you will have a nonexclusive right to:

(a) internally use and reproduce the Core Software solely to design, test, and verify the applicable Licensee IC for your manufacture and subsequent sale;

(b) create Modifications to the Core Software solely to the extent necessary to design, test, and verify the applicable Licensee IC, subject to sections 2.5 and 2.6; and

(c) manufacture (or have manufactured by a third party, as described in section 2.4) the applicable Licensee ICs incorporating the licensed Core.

2.2 Users: Except as described in sections 2.3 and 2.4, you will allow only those of your employees who are on the single design team responsible for designing or testing your Licensee IC to access the Core Software. You are responsible for the acts and omissions of your employees, agents, and permitted Contractors and third-party manufacturers with respect to any use of the Core Software or Synopsys Confidential Information, including any breaches of this agreement that they may commit.

2.3 Contractors: You may also allow Contractors to access certain parts of the Core Software as follows:

(a) For Core Software that is in netlist or encrypted RTL form, you may allow Contractors that are not Synopsys Competitors to access that Core Software either on your physical premises or on theirs. Contractors that are Synopsys Competitors may access the netlist or encrypted RTL only while on your physical premises.

(b) For Core Software that is in source code form, you may allow Contractors that are not Synopsys Competitors to access that Core Software only on your physical premises. You may not allow Contractors that are Synopsys Competitors to access this source code at all.

(c) In all cases, you may allow Contractors to access the Core Software only on a „need-to-know,“ basis, only to allow them to perform design services on the Licensee IC in accordance with your license, and subject to a written confidentiality agreement that is at least as protective as the confidentiality terms set forth in this agreement.

**2.4 Third-Party Manufacturers:** You may have a third-party manufacturer make Licensee ICs incorporating the licensed Core for you if you make sure all of the following conditions are met:

- (a) the resulting Licensee ICs must be made for sale or use only by you;
- (b) the designs and specifications you give to the manufacturer contain sufficient detail so that no additional design work is performed by the manufacturer (except for the simple adaptation of your designs to the manufacturer's own normal production processes);
- (c) you provide those designs and specifications to the manufacturer only for the purpose of making the Licensee ICs for you, and subject to confidentiality provisions that are at least as protective as those in this agreement; and
- (d) you do not give source code for any Core Software to the manufacturer.

**2.5 Hard IP Cores.** If you license any Cores that are Hard IP Cores, you understand that you may be required to obtain appropriate licenses to technology libraries (such as standard cell and I/O libraries) from a supplier of such libraries, and that if this is case, you are responsible for getting these licenses at your own cost. You also agree that you may not make Modifications to Hard IP Cores without first obtaining Synopsys's prior written consent. Your use of each Hard IP Core is limited to the applicable manufacturer and process node specified in the Purchasing Agreement, and you may not use the Hard IP Core for any other manufacturer or process node.

**2.6 Ownership:** The Core Software and all Modifications (including all Intellectual Property Rights in them) are owned by Synopsys and its licensors. If you have any rights in any Modifications, you hereby irrevocably assign ownership of those Modifications (and all Intellectual Property Rights in them) to Synopsys. However, you are under no obligation to actually disclose any such Modifications to Synopsys, and they will automatically be licensed to you as "Core Software" pursuant to section 2.1. There are no implied licenses granted under this agreement, and all rights not expressly granted to you are reserved to Synopsys.

**2.7 Conditions:** Your right to use the Core Software is conditioned upon your timely payment of the full amount of Fees due for the Core Software (if any) and your compliance with the terms of this agreement, including the following restrictions. For Core Software with a license term, when the license term expires your license rights also expire and you may no longer use the Core Software.

**2.8 Restrictions:** You may not (and may not allow anyone else to):

- (a) copy or use any Core Software (or Documentation) in any manner that is not expressly allowed by the license rights stated above;
- (b) decompile, reverse engineer, or otherwise attempt to derive the source code for any Core Software, or any underlying algorithms, user interface techniques, or other ideas embodied in Core Software, that is not provided to you in unencrypted source code or RTL format;
- (c) tamper with, or attempt to circumvent or disable, any License Key (this includes, for example, resetting the CPU time in order to extend the license term (if any), or using a false host ID number or additional virtualized copy(ies) of the host ID number to enable unauthorized copies of a License Key);

(d) distribute any copy of Core Software (or Documentation) except as expressly allowed by the license rights stated above, or allow anyone other than your End Users to have access to or use (such as in a timesharing, service bureau, or application service provider model) any Core Software;

(e) use Core Software or its output to create, modify, or simulate Designs for third parties or to develop or enhance any product that competes with a Synopsys product;

(f) disclose the results of any benchmarking of Core Software (whether or not the results were obtained with assistance from Synopsys) to any third party; or

(g) use Core Software in the development of any product if the failure or malfunction of that product could reasonably be expected to result in personal injury, death, or catastrophic loss.

If the License Key limits the number of End Users who may use a Core Software simultaneously or the number of simultaneous Clients, you must ensure that this limit is not exceeded, by platform virtualization or any other means.

**2.9 Copies:** If you make backup or archival copies of Core Software or Documentation, you must reproduce all copyright, trademark, and other notices that appear on the original copy.

**2.10 Transfers and Assignments:** You may not transfer or assign your license rights to any other person in any manner (by assignment, operation of law or otherwise) unless you have obtained written consent from Synopsys. If you attempt to transfer or assign any of your license rights without Synopsys's consent, the transfer or assignment will be ineffective, null, and void (and you will be in material breach of this agreement). For purposes of this section 2.10, a transfer or assignment of your license rights will be deemed to have occurred (a) if a third party (or group of third parties acting in concert) acquires beneficial ownership of fifty percent (50%) or more of either (i) your or a Parent Entity's assets or (ii) the stock or other equity interests entitled to vote for your or a Parent Entity's directors or equivalent managing authority, or (b) in the event of a merger, consolidation or other business combination between you or a Parent Entity and one or more third parties where your or a Parent Entity's stockholders immediately before that transaction own (directly or indirectly), after that transaction, less than fifty percent (50%) of the stock or other equity interests entitled to vote for the directors or equivalent managing authority of the surviving entity.

### 3 Order and Delivery

**3.1 Ordering Synopsys Products:** You may order the products and services identified in the Purchasing Agreements at any time by submitting an order to Synopsys through Synopsys's on-line ordering system or as otherwise directed by Synopsys. When using Synopsys's on-line ordering system, you shall be responsible for ensuring that all information you provide is accurate and complete and that any person placing an order on your behalf has your authority to do so. Once you submit an order, you may not cancel or change it. Your order must indicate which products and services you want to purchase, including any information Synopsys would need to fulfill your order. Synopsys may, in its reasonable discretion, accept or reject your order. Synopsys may accept your order by sending you written or electronic notice of acceptance or simply by fulfilling your order.

3.2 Delivery: If Synopsys accepts your order for one or more Core Software, Synopsys will then deliver to you the Core Software along with the corresponding Documentation and License Keys (if applicable). Synopsys will deliver these materials to you by EST except where prohibited by law.

3.3 EST: When Synopsys delivers Core Software by EST, Synopsys will send you an e-mail to your designated EST e-mail address(es) to notify you that the Core Software is available. Synopsys's obligation to deliver the Core Software will be fulfilled when this e-mail notice is sent. You will be responsible for downloading or requesting for delivery the Core Software and Documentation from the FTP Server and the applicable License Key from Synopsys's website at [www.synopsys.com](http://www.synopsys.com), unless Synopsys gives you other instructions. You must notify Synopsys in writing if you change your EST e-mail address(es).

3.4 Tangible Media: When Synopsys delivers Core Software to you on tangible media, the media may contain other software programs in addition to the Core Software. If it does, you will not have a license to use (and the License Keys for the Core Software will not permit you to use) these other software programs, and you must not attempt to access, use, reproduce, modify, reverse engineer, or otherwise tamper with these other software programs. If you lose or damage the media, Synopsys will, at your request, provide a replacement at a nominal charge. All deliveries of tangible items will be made F.O.B. Origin.

#### 4. Fees and Payment

4.1 Fees and Royalties: The applicable license fees and royalties (if any) for the Core Software are specified in the Purchasing Agreement. You agree to pay the Fees according to the payment terms in the applicable Purchasing Agreement.

4.2 Payments: If the applicable Purchasing Agreement does not contain specific payment terms for the Fees in question, payment of those Fees will be due within 30 days after the date of Synopsys's invoice. If you do not pay an amount by the scheduled due date, Synopsys will have the right to withhold the delivery of License Keys and/or terminate this agreement or a Purchasing Agreement and accelerate the due date of all remaining payments. In this event, you will owe the entire outstanding balance as soon as you receive written notice from Synopsys that your payment is due. All payments you make to Synopsys are non-refundable. You may not offset any amounts you believe Synopsys owes you against any payments you make to Synopsys under this agreement. You must make payments in U.S. dollars. If you do not pay an amount by the due date, you must also pay a late payment charge of 1.5% per month or the highest rate permitted by law, whichever is less.

4.3 Taxes: You will be solely responsible for paying all taxes (including sales, use, consumption, withholding, and value-added taxes and similar taxes), other than Synopsys's income taxes, that are imposed on or result from your purchase, license, or use of Synopsys products and services. If Synopsys is required by law to collect and remit any such taxes, Synopsys may invoice you for such taxes and you agree to pay the invoiced amount to Synopsys. If you are required by the respective jurisdiction where the Core Software are used, or where services are provided, to withhold taxes from payments to Synopsys, you may withhold from the total amount due to the respective Synopsys

distributing entity the minimum amount required (but no more). You may only withhold taxes related to a payment at the time of such payment. You must then promptly pay that amount to the appropriate tax authority and provide Synopsys with an official receipt for the payment within 60 days of your payment.

4.4 Bankruptcy: If you become the subject of any bankruptcy, dissolution, liquidation, or similar proceedings or make a general assignment for the benefit of your creditors, Synopsys may apply any payments you have previously made to Synopsys for products or services not yet delivered by Synopsys against any amounts you owe Synopsys at that time for products or services that have been delivered by Synopsys (under this agreement or otherwise).

4.5 Royalty Reporting and Payment: If royalties are applicable, then within 30 days after the end of each calendar quarter following the effective date of this agreement, you will submit a royalty report to Synopsys via email to [royalty@synopsys.com](mailto:royalty@synopsys.com), on a form approved by Synopsys, that accurately sets forth the number of units of each Licensee IC that you sold, distributed, or otherwise disposed of during that quarter, along with payment of all reported amounts. You are to submit a royalty report even during quarters where you report no sales, distributions, or disposals of Licensee ICs. Note that you will continue to be obligated to make royalty reports and pay royalties until you permanently discontinue sales or distributions of the applicable Licensee IC. In the event of such a discontinuation, you will provide Synopsys with a written certification that the Licensee IC has been discontinued, along with a final royalty report for the applicable Licensee IC.

#### 4.6 OMITTED

### 5. Core Support Services

5.1 Core Support Services: Core Support Services, for the first 12 months after the initial delivery of the Core Software, are included in the price of a Use of the Core Software. In providing Core Support Services, Synopsys will use commercially reasonable efforts to perform the following:

- (a) provide you with bug-fix releases to the extent necessary to conform the Core Software to any applicable technical standard specification that was in existence at the time the Core Software was delivered to you;
- (b) provide you with workarounds for material errors in the Core Software;
- (c) provide you with 24/7 access to electronic assistance regarding the operation of the Core Software, as Synopsys may make available from time to time (such as through the SolvNet online web support service);
- (d) if electronic assistance does not yield an appropriate resolution, give you access to a reasonable amount of telephone support for the Core Software, during normal business hours, through your designated support contact; and
- (e) deliver bulletins as they are released by Synopsys from time to time, which contain information on bug-fix releases, application techniques, and workarounds for the Core Software.

5.2 Designated Support Contacts: You may appoint up to 4 designated support contacts for each supported Licensee IC, and will give Synopsys the names of all designated support contacts before making initial contact with the Synopsys support center. All technical communications, information, and materials exchanged between you and

Synopsys regarding the Core Software will be conducted through your designated support contacts. You may change any designated support contact at any time by notifying Synopsys.

5.3 Limitations. The Core Support Services described in this section are the only services that Synopsys makes available for the Core Software, and no other warranties or support and maintenance services apply. Synopsys has no obligation to provide support for Core Software that has been altered, damaged, or modified by you. If you wish to continue receiving Core Support Services after the 12-month period following the initial delivery of the Core Software, you must separately purchase extended Core Support Services from Synopsys for an additional fee pursuant to an accepted purchase order. Reuse fees for Core Software do not include Core Support Services.

5.4 The Core Software and Core Support Services are provided „AS IS“. Synopsys disclaims all other warranties (express, implied, or statutory), including any warranties of merchantability, fitness for a particular purpose, title, or non-infringement and any warranties arising from a course of dealing or usage of trade.

## 6. Term and Termination

6.1 Term of Agreement: Both you and Synopsys must sign (either physically or through electronic acceptance) this agreement for it to take effect. When both parties have so signed this agreement, the term of this agreement will begin on the effective date stated on the signature page and will end when all licenses granted hereunder terminate, or until this agreement terminates as provided below, whichever is sooner.

6.2 Term of Purchasing Agreement: Each Purchasing Agreement will have its own term, as indicated on that Purchasing Agreement.

6.3 Term of Individual Licenses: The term of each license for the Core Software granted under this agreement shall begin upon the delivery date of the Core Software, and shall continue until you discontinue the sale and distribution of the applicable Licensee ICs.

6.4 Rights to Terminate: Each party has the right to terminate this agreement, by giving written notice of termination to the other party, if (a) the other party breaches this agreement and (b) either the breach cannot be cured or, if the breach can be cured, it is not cured by the breaching party within 15 days after receiving written notice of the breach from the non-breaching party. A substantial deviation of Core Software from the specifications in the corresponding Documentation will not be considered a breach of this agreement that allows you to terminate the agreement.

6.5 Consequences of Termination: If and when either you or Synopsys terminates this agreement, all Purchasing Agreements in effect at that time will also terminate. When this agreement, a Purchasing Agreement or an individual license to Core Software expires or is terminated:

(a) you must (i) immediately cease all use of the Core Software and related Confidential Information in your possession or control (or in the possession of any third party to whom you provided such materials), (ii) promptly return to Synopsys or destroy all copies of such Core Software and related Confidential Information, and (iii) within 30 days after such expiration or termination, certify in writing to Synopsys that you have complied with clauses (i) and (ii), except, however, that your license to a Core Instantiated into a Licensee IC prior to termination shall continue according to its terms;

- (b) you will remain obligated to pay any amounts you owe to Synopsys at that time; and
- (c) the provisions of sections 4, 5.4, 6.5, 8 and 9 will remain in effect.

## 7. Third-Party Licenses and Indemnification

7.1 Indemnity: Synopsys will, at its own expense, be entitled to defend (or at its sole option, settle) any claim asserted against you by a third party that any Core Software you obtained from Synopsys under this agreement infringes any U.S. copyright, trademark, or trade secret, or U.S. patent that issued before Synopsys's delivery to you of the applicable Core Software. Synopsys will indemnify you for any damages you suffer and costs you reasonably incur that are directly attributable to any such claim and that are assessed against you in a final, non-appealable judgment or agreed upon by Synopsys in a settlement.

7.2 Conditions: Synopsys's obligations to defend and indemnify you with respect to a particular claim are subject to the following conditions:

- (a) you must promptly give Synopsys written notice of the claim;
- (b) you must identify the specific Core Software at issue in the claim and indicate how the Core Software is utilized by you or your products;
- (c) you must give Synopsys sole control and authority over the defense and settlement of the claim; and
- (d) you must provide Synopsys with all information you have regarding the claim and cooperate with Synopsys when Synopsys defends or attempts to settle the claim.

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9.4 Governing Law; Jurisdiction: This agreement is governed by the laws of the United States and the State of California, without regard to conflicts of laws principles. The federal and state courts located in Santa Clara County, California have exclusive jurisdiction over any disputes arising from or relating to this agreement, and each party consents to such jurisdiction and venue.

9.5 Notices: Any notice, approval, consent, or other communication intended to have legal effect under this agreement must be given to the other party in writing, must be sent by first-class, registered, or overnight mail or private overnight courier (to the address for the

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9.8 Severability: If any provision in this agreement is found to be invalid or unenforceable as written, the remaining provisions will remain in full force and effect and the invalid or unenforceable provision is to be construed (and, if necessary, modified) so that it is valid and enforceable to the greatest extent possible.

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9.11 Force Majeure: Each party will be excused from performance of its obligations under this agreement, except payment obligations, to the extent that performance is rendered impossible by earthquake, fire, flood, governmental action, labor disruptions, supplier failures, or any other event or circumstance beyond that party's reasonable control.

9.12 Construction: Section headings in this agreement are for convenience only. The word "including" (and variations thereof) is not intended to be limiting. No rule of strict construction is to be used when interpreting this agreement.

9.13 Counterparts: This agreement may be signed in multiple counterparts, each of which will be deemed an original and which together will constitute one instrument.

9.14 Press Release: The parties intend to work together to prepare and publish a mutually acceptable press release concerning this agreement.

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crypto-algorithms

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>>> xvidc\_\*. {h,c}

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>>>

/\*

\* Byte-oriented AES-256 implementation.  
 \* All lookup tables replaced with 'on the fly' calculations.  
 \*  
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pyaml version 23.9.6  
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pybind11 version 2.5.0  
pycparser version 2.21  
pydot version 1.0.28  
pyelftools version 0.23  
pygments version 2.10.0  
pygments version 2.11.2

pygments version 2.16.1  
pygments version 2.8.0  
pygments-pygments version 2.13.0  
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pygraphviz version 1.3rc3  
pylibfdt version 1.7.0  
pypa-pip version 23.2.1  
pypa-setuptools version 69.0.2  
pypa-wheel version 0.41.1  
pyparsing version 2.4.7  
pyparsing version 3.0.9  
pyperclip version 1.7.0  
pyproject-hooks version 1.0.0  
pyreadline3 version 3.4.1  
pysistent version 0.18.0  
pysistent version 0.18.1  
python version 3.10.10  
python version 3.8.3  
python-attrs version 18.2.0  
python-backcall version 0.2.0  
python-blessings version 1.7  
python-cm2 version 0.9.6  
python-dateutil version 2.8.1  
python-dateutil version 2.8.2  
python-dateutil version 2.9.0  
python-decorator version 5.0.9  
python-decorator version 5.1.1  
python-importlib\_metadata version 6.8.0  
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python-importlib\_metadata version 7.0.1  
python-ipython version 7.23.1  
python-ipython version 8.12.2  
python-jedi version 0.18.0  
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python-ruamel-yaml version 0.17.35  
pytz version 2020.1  
pytz version 2023.3  
pytz version 2023.4  
pytz version 2024.1  
pyyaml version 6.0  
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qtpy version 1.11.2  
rapidjson version 1.1.0

react version 16.13.1  
react-bootstrap-dom-helpers version 3.4  
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react-redux version 7.2.1  
reactjs-react-transition-group version 2.9  
reactstrap version 8.5.1  
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ruamel.yaml version 0.17.21  
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scheduler version 0.19.1  
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shutilwhich version 1.1.0  
simple\_server version 3.0.2  
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six version 1.15.0  
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sklearn version 0.23.1  
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slf4j-api version 1.7.32  
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slf4j-simple version 1.7.32  
smmap version 4.0.0  
smmap version 5.0.0  
softfloat version 3e  
spariev-snakeyaml version 1.33  
sparse hash version 1.10  
sqlalchemy-mako version 1.1.3  
sqlite version 3.28.0  
stack-data version 0.6.2  
strongtypedef version master  
swingx version 1  
swingx version 1.6.2  
swingx version 1.6.3  
symbol-observable version 1.2.0  
systemc version 2.3.1  
tarruda-has version 1.0.3  
taskflow-taskflow version 2.7  
tcf agent version 1.1  
tcf plugins version 1.4  
tcl version 8.5.14  
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testpath version 0.5.0  
theia-memory-inspector version 1.25.0  
theia-plugin-packager version master  
threadpoolctl version 2.1.0  
thrift version 0.11.0  
ti-dts version master  
Timeline-chart version 0.2.0  
tinyexpr version 1.0  
tj-commander.js version 2.20.1  
tlm version 2.3.0  
tm\_terminal version 4.3  
tobgu-persistent version 0.19.3

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twxs-vs.language.cmake version 0.0.17  
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tzdata version 2023.3  
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u-boot version 2019.2  
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unzip version 6.0  
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uvm version 1.2  
v\_frbuf\_sr\_xilinx\_driver version 2  
v\_hdmirxss\_xilinx\_driver version 4  
v\_mix\_xilinx\_driver version 3  
video\_common\_xilinx\_driver version 4.2  
Visual C++ Redistributable for Visual Studio version 14.32.31326.0  
vscode version 1.43.0  
vscode-builtin-extensions version 1.52.1  
vscode-builtin-extensions version 1.62.3  
vscode-builtin-theme-seti version 1.57.1  
vscode-native-debug version 0.25.1  
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webencodings version 0.5.1  
webfreak001-code-debug version 0.25.1  
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widgetsnextension version 3.5.2  
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winp version 1.14



winpcap version 4.1.3  
xclbinutil version 2021.1  
xdts version 2019.1  
xerces-c version 3.2.3  
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xilinx chipscopy version 2023.1  
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xilinx-libmetal version 2019.2  
xilinx-spm version 2018.2  
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xilinx\_perf\_analyze version 2023.2  
xilinx\_qemu for linux version 2024.1  
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xilinx\_sw\_apps version 2018.2  
xml parser version 2.6.7  
xrcserver version 1.4  
XRT version 2024.1  
xtensor version 0.20.10  
xvfb version 2:21.1.4-2ubuntu1.7~22.04.2  
xygraph version 2.1.0  
yaml-pyyaml version 6.0.1  
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zlib version 1.2.4  
zlib version 1.2.5

```
zlib version 1.2.7
zlib version 1.2.8
zynq-remote-port version 4
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```
@tanstack-query-core version 4.24.10
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```
abseil-abseil-cpp version 20200225
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altgraph version 0.17
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altgraph version 0.17.3
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```
This is pvar = ["apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/altgraph-0.17.3.dist-info/top_level.txt", "/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/altgraph-0.17.3.dist-info/INSTALLER", "/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/altgraph-0.17.3.dist-info/RECORD", "/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/altgraph-0.17.3.dist-info/WHEEL", "/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/altgraph-0.17.3.dist-info/METADATA",
```

"/apps/flexera/scanroot/vivado-extras/cs\_server\_stuff/3rd\_party/altgraph-0.17.3.dist-info/zip-safe", "/apps/flexera/scanroot/vivado-extras/cs\_server\_stuff/3rd\_party/altgraph-0.17.3.dist-info/LICENSE"]

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file\_io/unix/mktemp.c, strings/apr\_strings.c:

```
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```

From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

```
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From dso/aix/dso.c:

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
Copyright (C) 2000 by Martin Pool <mbp@humbug.org.au>

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From strings/apr\_snprintf.c:

```
*  
* cvt - IEEE floating point formatting routines.  
*   Derived from UNIX V7, Copyright(C) Caldera International Inc.  
*
```

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```
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From network\_io/unix/inet\_ntop.c, network\_io/unix/inet\_pton.c:

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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
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From strings/apr\_snprintf.c:

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/*
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bashlex version 0.15

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Batik version 1.70

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# The resource file for the language dialog.  
#  
# stephane@hillion.org  
# $Id: LanguageDialogMessages.properties 496986 2007-01-17 10:50:57Z cam $  
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#####  
# Properties used by forrest.build.xml for building the website  
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#####
```



```
# Prints out a summary of Forrest settings for this project
#forrest.echo=true
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```
*
* Modifications:
*
* September 10, 2005
*   Placed interface in org.apache.batik.dom.xbl for the time being.
*   Added javadocs.
*/
```

```
berkeleytrue-warning version 4.0.3
<<<<<<<xilinx-separator>>>>>>>
```

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>>> dwarf2

/\* -\*- C -\*-

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Written by Gary Funck (gary@intrepid.com) The Ada Joint Program Office (AJPO), Florida State University and Silicon Graphics Inc. provided support for this effort -- June 21, 1995.

Derived from the DWARF 1 implementation written by Ron Guilmette (rfg@netcom.com), November 1990.

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blessings version 1.7

```
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Metadata-Version: 2.1

Name: blessings

Version: 1.7

Summary: A thin, practical wrapper around terminal coloring, styling, and positioning

Home-page: <https://github.com/erikrose/blessings>

Author: Erik Rose

Author-email: [erikrose@grinchcentral.com](mailto:erikrose@grinchcentral.com)

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>>>> zlib 1.2.11

/\* zlib.h -- interface of the 'zlib' general purpose compression library



version 1.2.11, January 15th, 2017

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

\*/

>>>> zlib gpl with exception

```
-----
--          ZLib for Ada thick binding.          --
--                                     --
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--                                     --
-- This library 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 library is distributed in the hope that it will be useful, but --
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-- MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU --
-- General Public License for more details.                --
```

```
--
--
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-- Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA. --
--
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```

>>> Apache v2.0

```
#####
####
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# limitations under the License.
```

```
#####
####
```

>>>> jquery

```
/*!
 * jQuery JavaScript Library v3.1.0
 * https://jquery.com/
 *
 * Includes Sizzle.js
 * https://sizzlejs.com/
 *
 * Copyright jQuery Foundation and other contributors
 * Released under the MIT license
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```

\*

\* Date: 2016-07-07T21:44Z

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>>> mit license

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>>> spencer license 86

- \* regcomp and regexec -- regsub and regerror are elsewhere

- \*

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  - \*\*\* to assist in implementing egrep.
- \*\*\* THIS IS AN ALTERED VERSION. It was altered by John Gilmore,
  - \*\*\* hoptoad!gnu, on 27 Dec 1986, to add \< and \> for word-matching
  - \*\*\* as in BSD grep and ex.
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  - \*\*\* hoptoad!gnu, on 28 Dec 1986, to optimize characters quoted with \.
- \*\*\* THIS IS AN ALTERED VERSION. It was altered by James A. Woods,
  - \*\*\* ames!jaw, on 19 June 1987, to quash a regcomp() redundancy.
- \*\*\* THIS IS AN ALTERED VERSION. It was altered by Christopher Seiwald
  - \*\*\* seiwald@vix.com, on 28 August 1993, for use in jam. Regmagic.h
  - \*\*\* was moved into regexp.h, and the include of regexp.h now uses "'s
  - \*\*\* to avoid conflicting with the system regexp.h. Const, bless its
  - \*\*\* soul, was removed so it can compile everywhere. The declaration
  - \*\*\* of strchr() was in conflict on AIX, so it was removed (as it is
  - \*\*\* happily defined in string.h).
- \*\*\* THIS IS AN ALTERED VERSION. It was altered by Christopher Seiwald
  - \*\*\* seiwald@perforce.com, on 20 January 2000, to use function prototypes.
- \*
  - \* Beware that some of this code is subtly aware of the way operator precedence
  - \* is structured in regular expressions. Serious changes in regular-expression
  - \* syntax might require a total rethink.

>>> zlib license

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.12, March 11th, 2022

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.3, July 18th, 2005
```

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For more complete list of contributors, please visit the history of the LEMON source code repository: <http://lemon.cs.elte.hu/hg/lemon>

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```

```
*
```

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* purpose.
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*
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*/
```

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/*
```

```
* This file contains the reimplemented version of the Mersenne Twister
```

```
* Generator of Matsumoto and Nishimura.
```

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/\* GSSAPI/krb5 support for FTP - loosely based on old krb4.c

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- \* <https://github.com/eclipse-theia/cryptodetector>
- \* <https://github.com/eclipse-theia/generator-theia-extension>

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extras/cs_server_stuff/3rd_party/markdown_it_py-3.0.0.dist-info/WHEEL",
"/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/markdown_it_py-
3.0.0.dist-info/RECORD", "/apps/flexera/scanroot/vivado-
extras/cs_server_stuff/3rd_party/markdown_it_py-3.0.0.dist-info/METADATA",
"/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/markdown_it_py-
3.0.0.dist-info/INSTALLER", "/apps/flexera/scanroot/vivado-
extras/cs_server_stuff/3rd_party/markdown_it_py-3.0.0.dist-info/entry_points.txt",
"/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/markdown_it_py-
3.0.0.dist-info/LICENSE", "/apps/flexera/scanroot/vivado-
```

extras/cs\_server\_stuff/3rd\_party/markdown\_it/\_punycode.py",  
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>>>> boost

DRuntime: Runtime Library for the D Programming Language

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Julian Seward, jseward@bzip.org  
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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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DRuntime: Runtime Library for the D Programming Language

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DRuntime: Runtime Library for the D Programming Language

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>>> zlib license  
/\* zlib.h -- interface of the 'zlib' general purpose compression library  
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Jean-loup Gailly      Mark Adler  
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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (inflate format) and rfc1952 (gzip format).

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/\* Internal demangler interface for the Rust programming language.

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1. @octokit/endpoint version 6.0.12 (<https://github.com/octokit/endpoint.js>)
2. @octokit/graphql version 4.6.4 (<https://github.com/octokit/graphql.js>)
3. @octokit/openapi-types version 8.2.1 (<https://github.com/octokit/openapi-types.ts>)
4. @octokit/request-error version 2.1.0 (<https://github.com/octokit/request-error.js>)
5. @octokit/request version 5.6.0 (<https://github.com/octokit/request.js>)
6. @octokit/types version 6.18.1 (<https://github.com/octokit/types.ts>)
7. chroma-js version 2.1.2 (<https://github.com/gka/chroma.js>)
8. cross-env version 6.0.3 (<https://github.com/kentcdodds/cross-env>)
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# @octokit/openapi-types

> Generated TypeScript definitions based on GitHub's OpenAPI spec

This package is continuously updated based on [GitHub's OpenAPI specification](<https://github.com/github/rest-api-description/>)

## Usage

```
```ts
import { components } from "@octokit/openapi-types";

type Repository = components["schemas"]["full-repository"];
```
```

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chroma.js - JavaScript library for color conversions

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Named colors are taken from X11 Color Names.  
<http://www.w3.org/TR/css3-color/#svg-color>

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"/apps/flexera/scanroot/vivado-extras/cs\_server\_stuff/3rd\_party/git/objects/blob.py",  
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"/apps/flexera/scanroot/vivado-extras/cs\_server\_stuff/3rd\_party/git/cmd.py",  
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"/apps/flexera/scanroot/vivado-extras/cs\_server\_stuff/3rd\_party/git/remote.py"]  
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gnuwin libiconv-2 version 1.9.2

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Written by: Philip Hazel <ph10@cam.ac.uk>

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Format: <https://www.debian.org/doc/packaging-manuals/copyright-format/1.0/>

Upstream-Name: golang

Source: <https://github.com/golang/go>

Files: \*

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Files:

src/cmd/compile/internal/gc/gsubr.go  
src/cmd/internal/objabi/autotype.go  
src/cmd/internal/objabi/head.go  
src/cmd/internal/objabi/reloctype.go  
src/cmd/internal/objabi/symkind.go  
src/cmd/internal/obj/arm64/a.out.go  
src/cmd/internal/obj/arm64/asm7.go  
src/cmd/internal/obj/arm64/list7.go  
src/cmd/internal/obj/arm64/obj7.go  
src/cmd/internal/obj/arm/a.out.go  
src/cmd/internal/obj/arm/asm5.go  
src/cmd/internal/obj/arm/list5.go  
src/cmd/internal/obj/arm/obj5.go  
src/cmd/internal/obj/mips/a.out.go  
src/cmd/internal/obj/mips/asm0.go  
src/cmd/internal/obj/mips/list0.go  
src/cmd/internal/obj/mips/obj0.go  
src/cmd/internal/obj/ppc64/a.out.go  
src/cmd/internal/obj/ppc64/asm9.go  
src/cmd/internal/obj/ppc64/list9.go  
src/cmd/internal/obj/ppc64/obj9.go  
src/cmd/internal/obj/s390x/asmz.go  
src/cmd/internal/obj/s390x/a.out.go  
src/cmd/internal/obj/s390x/listz.go  
src/cmd/internal/obj/s390x/objz.go  
src/cmd/internal/obj/data.go  
src/cmd/internal/obj/ld.go

src/cmd/internal/obj/link.go  
src/cmd/internal/obj/pass.go  
src/cmd/internal/obj/sym.go  
src/cmd/internal/obj/x86/a.out.go  
src/cmd/internal/obj/x86/asm6.go  
src/cmd/internal/obj/x86/list6.go  
src/cmd/internal/obj/x86/obj6.go  
src/cmd/link/internal/amd64/asm.go  
src/cmd/link/internal/amd64/l.go  
src/cmd/link/internal/amd64/obj.go  
src/cmd/link/internal/arm64/asm.go  
src/cmd/link/internal/arm64/l.go  
src/cmd/link/internal/arm64/obj.go  
src/cmd/link/internal/arm/asm.go  
src/cmd/link/internal/arm/l.go  
src/cmd/link/internal/arm/obj.go  
src/cmd/link/internal/ld/ar.go  
src/cmd/link/internal/ld/data.go  
src/cmd/link/internal/ld/ld.go  
src/cmd/link/internal/ld/lib.go  
src/cmd/link/internal/ld/link.go  
src/cmd/link/internal/ld/main.go  
src/cmd/link/internal/ld/sym.go  
src/cmd/link/internal/ld/symtab.go  
src/cmd/link/internal/mips/asm.go  
src/cmd/link/internal/mips/l.go  
src/cmd/link/internal/mips/obj.go  
src/cmd/link/internal/mips64/asm.go  
src/cmd/link/internal/mips64/l.go  
src/cmd/link/internal/mips64/obj.go  
src/cmd/link/internal/ppc64/asm.go  
src/cmd/link/internal/ppc64/l.go  
src/cmd/link/internal/ppc64/obj.go  
src/cmd/link/internal/s390x/asm.go  
src/cmd/link/internal/s390x/l.go  
src/cmd/link/internal/s390x/obj.go  
src/cmd/link/internal/sym/segment.go  
src/cmd/link/internal/sym/symbols.go  
src/cmd/link/internal/sym/symkind.go  
src/cmd/link/internal/x86/asm.go  
src/cmd/link/internal/x86/l.go  
src/cmd/link/internal/x86/obj.go  
src/cmd/vendor/golang.org/x/arch/x86/x86asm/testdata/libmach8db.c  
src/runtime/memclr\_arm.s

src/runtime/memmove\_386.s  
src/runtime/memmove\_amd64.s  
src/runtime/memmove\_arm.s  
src/runtime/memmove\_plan9\_386.s  
src/runtime/memmove\_plan9\_amd64.s  
src/runtime/vlop\_386.s  
src/runtime/vlop\_arm.s  
src/runtime/vlrt.go

Origin: Plan 9 from User Space include/, src/lib9/, src/libmach/

Inferno utils/include/, utils/libmach/, utils/6c/, utils/iar/,  
utils/6l/, utils/6a/, utils/5c/, utils/8c/, utils/iyacc/,  
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src/debug/dwarf/testdata/typedef.elf

Source: src/debug/dwarf/testdata/typedef.c

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src/debug/macho/testdata/fat-gcc\*

src/debug/macho/testdata/clang\*

src/debug/macho/testdata/gcc\*

Source: src/debug/macho/testdata/hello.c

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Files:

src/debug/elf/testdata/\*-exec

src/debug/elf/testdata/\*.obj

src/debug/elf/testdata/hello-world-core.gz

Source: src/debug/elf/testdata/hello.c

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Files: src/debug/elf/elf.go  
src/cmd/link/internal/ld/elf.go  
Origin: FreeBSD src/sys/sys/elf{32,64,\_common}.h, src/sys/\*/include/elf.h  
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src/math/cmplx/exp.go  
src/math/cmplx/log.go  
src/math/cmplx/pow.go  
src/math/cmplx/sin.go  
src/math/cmplx/sqrt.go  
src/math/cmplx/tan.go  
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src/math/acosh.go  
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// Inferno utils/5l/span.c

// <https://bitbucket.org/inferno-os/inferno-os/src/default/utils/5l/span.c>

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```

```
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```

```
// Package loadmacho implements a Mach-O file reader.
package loadmacho
```

```
import (
    "bytes"
    "cmd/internal/bio"
    "cmd/internal/objabi"
    "cmd/internal/sys"
    "cmd/link/internal/sym"
    "encoding/binary"
    "fmt"
    "io"
    "sort"
)
```

```
/*
```

```
Derived from Plan 9 from User Space's src/libmach/elf.h, elf.c
http://code.swtch.com/plan9port/src/tip/src/libmach/
```

```
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```

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//

//     rijndael-alg-fst.c

//

//     @version 3.0 (December 2000)

//

//     Optimised ANSI C code for the Rijndael cipher (now AES)

//

//     @author Vincent Rijmen <vincent.rijmen@esat.kuleuven.ac.be>

//     @author Antoon Bosselaers <antoon.bosselaers@esat.kuleuven.ac.be>

//     @author Paulo Barreto <paulo.barreto@terra.com.br>

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```

>>>> fdct.go

```
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```

package jpeg

```
// This file implements a Forward Discrete Cosine Transformation.
```

```
/*
```

It is based on the code in jfdctint.c from the Independent JPEG Group,  
found at <http://www.ijg.org/files/jpegsrc.v8c.tar.gz>.

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>>>>

// Original source:

// <http://www.zorinaq.com/papers/md5-amd64.html>

// <http://www.zorinaq.com/papers/md5-amd64.tar.bz2>

//

// Translated from Perl generating GNU assembly into

// #defines generating 6a assembly by the Go Authors.

#include "textflag.h"

// MD5 optimized for AMD64.

//

// Author: Marc Bevand <bevand\_m (at) epita.fr>

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google gson version 1.6
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google-protobuf version 3.7.1

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//
// Author: kenton@google.com (Kenton Varda)
```

```
// Based on original Protocol Buffers design by
// Sanjay Ghemawat, Jeff Dean, and others.
//
// Implements parsing of .proto files to FileDescriptorProtos.
```

```
>>> missing, libtool.m4,
```

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```
>>> googletest/googlemock
```

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```

```
timestamp='2018-02-24'
```

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#
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```

```
>>>> thirdparty/jsoncpp 1.6.5
```

```
/ //
```

```
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```

```
//
```

```
/*
```

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>>> m4

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googletest version 1.11.0
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gperftools-gperftools version 2.7
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/* version 0.12 GNU source code. It compiles and works on Native WIN32. */
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The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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gson version 2.8.6
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gvanas-keccakcodepackage version 3.30
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hoist-non-react-statics version 3.3.2
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#!/bin/sh  
# depcomp - compile a program generating dependencies as side-effects

scriptversion=2013-05-30.07; # UTC

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Upstream-Name: ls-config

Source: <https://github.com/lucas-net-pl/ls-config>

Files: \*

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```
>>>> std_logic_textio
```

```
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--
-- Package name: STD_LOGIC_TEXTIO
--
-- Purpose: This package overloads the standard TEXTIO procedures
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--
-- Author: CRC, TS
--
-----
```

ieee-1076-2008 version 1076-2008

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javax.activation-api version 1.2.0
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jaxb-api version 2.3.0

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jaxen version 1.1.4

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jcl-over-slf4j version 1.7.7

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jdom version 1

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jquery version 1.11.3

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jquery version 1.3.2

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jquery version 1.7.1

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jquery version 3.1.0
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jquery version 3.6.0

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jquery-hashchange version 1.3

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\* jQuery hashchange event - v1.3 - 7/21/2010

\* <http://benalman.com/projects/jquery-hashchange-plugin/>

\*

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jquery-sizzle version 0.9.3

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jqueryui version 1.8.18

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```
jupyterlab-widgets version 1.0.2
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keccak hashing algorithm - sha3 version 3.2  
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keccak version 1.0

```
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```

/\*\* \*

```
* @file    keccak_hls.c
```

- \* @brief HLS-based Keccak implementation in C

\* @project ARC-2015 HLS SHA-3

\* @author Ekawat (ice) Homsirikamol

```
* @version 1.0
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konradhalas-dacite version 1.8

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```
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From strings/apr\_strnatcmp.c, include/apr\_strings.h:

strnatcmp.c -- Perform 'natural order' comparisons of strings in C.  
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```
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*
```

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133

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137

making modifications to it. For a library, complete source code means

138

all the source code for all modules it contains, plus any associated

139

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n

140 and installation of the library.

141

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144

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145

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146 on the Library (independent of the use of the Library in a tool for

147 writing it). Whether that is true depends on what the Library does

148 and what the program that uses the Library does.

149

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151

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164 distribute such modifications or work under the terms of Section 1  
165 above, provided that you also meet all of these conditions:

166

167 a) The modified work must itself be a software library.

168

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

171

172 c) You must cause the whole of the work to be licensed at no  
173 charge to all third parties under the terms of this License.

174

175

d) If a facility in the modified Library refers to a function or a

176

table of data to be supplied by an application program that uses

177

the facility, other than as an argument passed when the facility

178

is invoked, then you must make a good faith effort to ensure that,

179 in the event an application does not supply such function or

180

table, the facility still operates, and performs whatever part of

181 its purpose remains meaningful.

182

183

(For example, a function in a library to compute square roots has

184 a purpose that is entirely well-defined independent of the

185 application. Therefore, Subsection 2d requires that any

186

application-supplied function or table used by this function must

187 be optional: if the application does not supply it, the square

188 root function must still compute square roots.)  
189  
190 These requirements apply to the modified work as a whole. If  
191  
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201  
202 entire whole, and thus to each and every part regardless of who wrote  
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222 subsequent copies and derivative works made from that copy.

223

224 This option is useful when you wish to copy part of the code of

225 the Library into a program that is not a library.

226

227 4. You may copy and distribute the Library (or a portion or

228

derivative of it, under Section 2) in object code or executable form

229

under the terms of Sections 1 and 2 above provided that you accompany

230

it with the complete corresponding machine-readable source code, which

231 must be distributed under the terms of Sections 1 and 2 above on a

232 medium customarily used for software interchange.

233

234 If distribution of object code is made by offering access to copy

235

from a designated place, then offering equivalent access to copy the

236 source code from the same place satisfies the requirement to

237 distribute the source code, even though third parties are not

238 compelled to copy the source along with the object code.

239

240 5. A program that contains no derivative of any portion of the

241

Library, but is designed to work with the Library by being compiled or

242 linked with it, is called a "work that uses the Library". Such a

243 work, in isolation, is not a derivative work of the Library, and

244 therefore falls outside the scope of this License.

245

246 However, linking a "work that uses the Library" with the Library

247

creates an executable that is a derivative of the Library (because it

248

contains portions of the Library), rather than a "work that uses the

249 library". The executable is therefore covered by this License.

250 Section 6 states terms for distribution of such executables.

251

252

When a "work that uses the Library" uses material from a header file

253 that is part of the Library, the object code for the work may be a  
254 derivative work of the Library even though the source code is not.  
255 Whether this is true is especially significant if the work can be  
256

linked without the Library, or if the work is itself a library. The  
257 threshold for this to be true is not precisely defined by law.  
258

259 If such an object file uses only numerical parameters, data  
260 structure layouts and accessors, and small macros and small inline  
261 functions (ten lines or less in length), then the use of the object  
262

file is unrestricted, regardless of whether it is legally a derivative  
263

work. (Executables containing this object code plus portions of the  
264 Library will still fall under Section 6.)

265

266 Otherwise, if the work is a derivative of the Library, you may  
267

distribute the object code for the work under the terms of Section 6.

268 Any executables containing that work also fall under Section 6,

269 whether or not they are linked directly with the Library itself.

270 \f

271 6. As an exception to the Sections above, you may also combine or

272 link a "work that uses the Library" with the Library to produce a

273 work containing portions of the Library, and distribute that work

274 under terms of your choice, provided that the terms permit

275 modification of the work for the customer's own use and reverse

276 engineering for debugging such modifications.

277

278

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279

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295 Library will not necessarily be able to recompile the application  
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\* Paolo Abeni <paolo.abeni@email.it>  
\* Added TPACKET\_V3 support

\* Gabor Tatarka <gabor.tatarka@ericsson.com>  
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- \* Developers:
- \* David K. Hess, Douglas Lee Schales, David R. Safford
- \*
- \* Heavily modified for Metaware HighC + GNU C 2.8+
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 [m4\_copy([m4\_PACKAGE\_VERSION], [AC\_AUTOCONF\_VERSION]))]dnl  
m4\_if(m4\_defn([AC\_AUTOCONF\_VERSION]), [2.68],,  
 [m4\_warning([this file was generated for autoconf 2.68.  
You have another version of autoconf. It may work, but is not guaranteed to.  
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libxrender1 version 1:0.9.10-1

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//
// Author: wan@google.com (Zhanyong Wan)
```

// Google Mock - a framework for writing C++ mock classes.

```
>>>> googletest
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- xxHash source repository : <https://github.com/Cyan4973/xxHash>

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"/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/loguru/_defaults.py",
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# *
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\* pppoe.c - PPP Over Ethernet implementation for lwIP.

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```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.12, March 11th, 2022
```

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (inflate format) and rfc1952 (gzip format).

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.parse() is based on Joyent's node.js `url` code:

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mbostock-rw version 1.3.3

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mbox\_xilinx\_driver version 4.3

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md5 message digest code version 27\_4\_91





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micropython-micropython version 1.4.6
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#!/usr/bin/python
```

```
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# see http://www.gnu.org/licenses/lgpl-3.0.txt
```

```
>>> BSD 3-Clause
```

```
/**
*****
* @file  stm32f7xx_ll_usb.h
* @author MCD Application Team
* @version V1.0.1
* @date 25-June-2015
* @brief Header file of USB Core HAL module.
*****
* @attention
*
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\* This file is part of the Micro Python project, <http://micropython.org/>

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\* These math functions are taken from newlib-nano-2, the newlib/libm/math

\* directory, available from <https://github.com/32bitmicro/newlib-nano-2>.

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```
/* ef_rem_pio2.c -- float version of e_rem_pio2.c
 * Conversion to float by Ian Lance Taylor, Cygnus Support, ian@cygnus.com.
 */
```

```
/*
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 *
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 * Permission to use, copy, modify, and distribute this
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 * =====
 *
 */
```

```
>>>>
```

```
/*-----/
 / FatFs - FAT file system module include R0.11 (C)ChaN, 2015
 /-----/
 / FatFs module is a free software that opened under license policy of
 / following conditions.
 /
 / Copyright (C) 2015, ChaN, all right reserved.
 /
 / 1. Redistributions of source code must retain the above copyright notice,
 / this condition and the following disclaimer.
 /
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 / 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.
 /-----*/
```

```
>>> sha256
```

```
/******
 * Filename: sha256.c
 * Author: Brad Conte (brad AT bradconte.com)
 * Copyright:
 * Disclaimer: This code is presented "as is" without any guarantees.
 * Details: Implementation of the SHA-256 hashing algorithm.
          SHA-256 is one of the three algorithms in the SHA2
```



specification. The others, SHA-384 and SHA-512, are not offered in this implementation.

Algorithm specification can be found here:

\* <http://csrc.nist.gov/publications/fips/fips180-2/fips180-2withchangenotice.pdf>

This implementation uses little endian byte order.

\*\*\*\*\*/

>>>> tiny test

/\* tinytest.h -- Copyright 2009-2012 Nick Mathewson

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e (API). \* Menu: \* Typedef and constants:: Defined data t  
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File: libquadmath.info, Node: Typedef and constants, Next: Ma  
th Library Routines, Prev: Top, Up: Top 1 Typedef and constan  
ts \*\*\*\*\* The following data type has been def

ined via 'typedef'. '\_\_complex128': '\_\_float128'-based complex  
number The following macros are defined, which give the nume  
ric limits of the '\_\_float128' data type. 'FLT128\_MAX': largest  
finite number 'FLT128\_MIN': smallest positive number with full  
precision 'FLT128\_EPSILON': difference between 1 and the next la  
rger representable number 'FLT128\_DENORM\_MIN': smallest pos  
itive denormalized number 'FLT128\_MANT\_DIG': number of digits in  
the mantissa (bit precision) 'FLT128\_MIN\_EXP': maximal negative  
exponent 'FLT128\_MAX\_EXP': maximal positive exponent 'FLT128\_DI  
G': number of decimal digits in the mantissa 'FLT128\_MIN\_10\_EXP'  
: maximal negative decimal exponent 'FLT128\_MAX\_10\_EXP': maximal  
positive decimal exponent The following mathematical consta  
nts of type '\_\_float128' are defined. 'M\_Eq': the constant e (E  
uler's number) 'M\_LOG2Eq': binary logarithm of 2 'M\_LOG10Eq': co  
mmon, decimal logarithm of 2 'M\_LN2q': natural logarithm of 2 'M  
\_LN10q': natural logarithm of 10 'M\_PiEq': pi 'M\_Pi\_2q': pi divid  
ed by two 'M\_Pi\_4q': pi divided by four 'M\_1\_PiEq': one over pi '  
M\_2\_PiEq': one over two pi 'M\_2\_SQRTPiEq': two over square root of  
pi 'M\_SQRT2q': square root of 2 'M\_SQRT1\_2q': one over square r  
oot of 2 File: libquadmath.info, Node: Math Library Routines  
, Next: I/O Library Routines, Prev: Typedef and constants, Up  
: Top 2 Math Library Routines \*\*\*\*\* The foll

owing mathematical functions are available: 'acosq': arc cosine function 'acoshq': inverse hyperbolic cosine function 'asinq': arc sine function 'asinhq': inverse hyperbolic sine function 'atanq': arc tangent function 'atanhq': inverse hyperbolic tangent function 'atan2q': arc tangent function 'cbrtq': cube root function 'ceilq': ceiling value function 'copysignq': copy sign of a number 'coshq': hyperbolic cosine function 'cosq': cosine function 'erfq': error function 'erfcq': complementary error function 'exp2q': base 2 exponential function 'expq': exponential function 'expm1q': exponential minus 1 function 'fabsq': absolute value function 'fdimq': positive difference function 'finiteq': check finiteness of value 'floorq': floor value function 'fmaq': fused multiply and add 'fmaxq': determine maximum of two values 'fminq': determine minimum of two values 'fmodq': remainder value function 'frexpq': extract mantissa and exponent 'hypotq': Euclidean distance function 'ilogbq': get exponent of the value 'isinfq': check for infinity 'isnanq': check for not a number 'issignalingq': check for signaling not a number 'j0q': Bessel function of the first kind, first order 'j1q': Bessel function of the first kind, second order 'jNQ': Bessel function of the first kind, N-th order 'ldexpq': load exponent of the value 'lgammaq': logarithmic gamma function 'llrintq': round to nearest integer value 'llroundq': round to nearest integer value away from zero 'logbq': get exponent of the value 'logq': natural logarithm function 'log10q': base 10 logarithm function 'log1pq': compute natural logarithm of the value plus one 'log2q': base 2 logarithm function 'lrintq': round to nearest integer value 'lroundq': round to nearest integer value away from zero 'modfq': decompose the floating-point number 'nanq': return quiet NaN 'nearbyintq': round to nearest integer 'nextafterq': next representable floating-point number 'powq': power function 'remainderq': remainder function 'remquoq': remainder and part of quotient 'rintq': round-to-nearest integral value 'roundq': round-to-nearest integral value, return '\_\_float128' 'scalblnq': compute exponent using 'FLT\_RADIX' 'scalbnq': compute exponent using 'FLT\_RADIX' 'signbitq': return sign bit 'sincosq': calculate sine and cosine simultaneously 'sinhq': hyperbolic sine function 'sinq': sine function 'sqrtq': square root function 'tanq': tangent function 'tanhq': hyperbolic tangent function 'tgammaq': true gamma function 'truncq': round to integer, towards zero 'y0q': Bessel function of the second kind, first order 'y1q': Bessel function of the second kind, second order 'yNQ': Bessel function of the second kind, N-th order 'cabsq': complex absolute value function 'cargq': calculate the argument 'cimagq': imaginary part of complex number 'crealq': real

part of complex number 'cacoshq': complex arc hyperbolic cosine  
 function 'cacosq': complex arc cosine function 'casinhq': comple  
 x arc hyperbolic sine function 'casinq': complex arc sine functi  
 on 'catanhq': complex arc hyperbolic tangent function 'catanq': c  
 omplex arc tangent function 'ccosq' complex cosine function: 'c  
 coshq': complex hyperbolic cosine function 'cexpq': complex expo  
 nential function 'cexpiq': computes the exponential function of  
 "i" times a real value 'clogq': complex natural logarithm 'c  
 log10q': complex base 10 logarithm 'conjq': complex conjugate f  
 unction 'cpowq': complex power function 'cprojq': project into R  
 iemann Sphere 'csinq': complex sine function 'csinhq': complex h  
 yperbolic sine function 'csqrtq': complex square root 'ctanq': c  
 omplex tangent function 'ctanhq': complex hyperbolic tangent fun  
 ction File: libquadmath.info, Node: I/O Library Routines, N  
 ext: GNU Free Documentation License, Prev: Math Library Routine  
 s, Up: Top 3 I/O Library Routines \*\*\*\*\* \* Me  
 nu: \* 'strtoflt128': strtoflt128, Convert fro  
 m string \* 'quadmath\_snprintf': quadmath\_snprintf, Convert  
 to string File: libquadmath.info, Node: strtoflt128, Next:  
 quadmath\_snprintf, Up: I/O Library Routines 3.1 'strtoflt128'  
 -- Convert from string =====  
 The function 'strtoflt128' converts a string into a '\_\_float12  
 8' number. Syntax '\_\_float128 strtoflt128 (const char \*s,  
 char \*\*sp)' \_Arguments\_: S input string SP  
 the address of the next character in the string T  
 he argument SP contains, if not 'NULL', the address of the next  
 character following the parts of the string, which have bee  
 n read. Example #include <quadmath.h> int  
 main () { \_\_float128 r; r = s  
 trtoflt128 ("1.2345678", NULL); return 0;  
 } File: libquadmath.info, Node: quadmath\_snprintf, Prev: s  
 trtoflt128, Up: I/O Library Routines 3.2 'quadmath\_snprintf' -  
 - Convert to string =====  
 The function 'quadmath\_snprintf' converts a '\_\_float128' float  
 ing-point number into a string. It is a specialized alternative  
 to 'snprintf', where the format string is restricted to a singl  
 e conversion specifier with 'Q' modifier and conversion specifie  
 r 'e', 'E', 'f', 'F', 'g', 'G', 'a' or 'A', with no extra charac  
 ters before or after the conversion specifier. The '%m\$' or '\*m  
 \$' style must not be used in the format. Syntax 'int quadm  
 ath\_snprintf (char \*s, size\_t size, const char \*format, ...  
 )' \_Arguments\_: S output string SIZE  
 byte size of the string, including trailing NUL FORMAT  
 conversion specifier string Note On some targets when sup



ported by the C library hooks are installed for 'printf' family of functions, so that 'printf ("%Qe", 1.2Q);' etc. works too. Example

```
#include <quadmath.h>
#include <stdlib.h>
#include <stdio.h>
int main
()
{
    __float128 r;
    int prec = 20;
    int width = 46;
    char buf[128];
    r = 2.0q;
    r = sqrtq (r);
    int n = quadmath_snprintf (buf, sizeof buf, "%+-.20Qe", width, r);
    if ((size_t) n < sizeof buf)
        printf ("%s\n", buf);
    /* Prints: +1.41421356237309504880e+00 */
    quadmath_snprintf (buf, sizeof buf, "%Qa", r);
    if ((size_t) n < sizeof buf)
        printf ("%s\n", buf);
    /* Prints: 0x1.6a09e667f3bcc908b2fb1366ea96p+0 */
    n = quadmath_snprintf (NULL, 0, "%+-.#46.*Qe", prec, r);
    if (n > -1)
    {
        char *str = malloc (n + 1);
        if (str)
        {
            quadmath_snprintf (str, n + 1, "%+-.#46.*Qe", prec, r);
            printf ("%s\n", str);
            /* Prints: +1.41421356237309504880e+00 */
        }
        free (str);
    }
    return 0;
}
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SetFileAttributesW+SetFileTime2SetHandleInformation6SetLastError?SetNamedPipeHan  
dleStateSleepTerminateProcessTlsAllocTlsFreeTlsGetValueTlsSetValueUpdateProcThread  
AttributeVirtualAllocVirtualFreeVirtualProtectVirtualQueryWaitForMultipleObjectsWaitFor  
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\* gdc: (gdc).        A GCC-based compiler for the D language

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>>> gfortran.info

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/******
/* AUTHOR:                               */
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Vitis\_Model\_Composer/Tutorials/HDL\_Library/Lab6/hello\_world\_final.c

.../solution/hello\_world\_final.c

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extras/cs_server_stuff/3rd_party/more_itertools-10.1.0.dist-info/INSTALLER",  
"/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/more_itertools-  
10.1.0.dist-info/RECORD", "/apps/flexera/scanroot/vivado-  
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"/apps/flexera/scanroot/vivado-extras/cs_server_stuff/3rd_party/more_itertools-  
10.1.0.dist-info/WHEEL", "/apps/flexera/scanroot/vivado-  
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version 1.2.8, April 28th, 2013

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jloup@gzip.org     madler@alumni.caltech.edu

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#### A. HISTORY OF THE SOFTWARE

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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, which became

Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was 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                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
| 2.2 and above  | 2.1.1        | 2001-now  | PSF        | yes                 |

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,îÇ ,îú,îÄ iconv-lite@0.6.3

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,îÇ ,îú,îÄ ms@2.0.0  
,îÇ ,îü,îÄ yauzl@^2.10.0  
,îú,îÄ extsprintf@1.4.1  
,îú,îÄ fast-deep-equal@3.1.3  
,îú,îÄ fast-glob@3.2.7  
,îÇ ,îú,îÄ @nodelib/fs.stat@^2.0.2  
,îÇ ,îú,îÄ @nodelib/fs.walk@^1.2.3  
,îÇ ,îú,îÄ glob-parent@^5.1.2  
,îÇ ,îú,îÄ merge2@^1.3.0  
,îÇ ,îü,îÄ micromatch@^4.0.4  
,îú,îÄ fast-json-stable-stringify@2.1.0  
,îú,îÄ fast-levenshtein@2.0.6  
,îú,îÄ fast-plist@0.1.2  
,îú,îÄ fast-redact@3.1.1  
,îú,îÄ fast-safe-stringify@2.1.1  
,îú,îÄ fastest-levenshtein@1.0.12  
,îú,îÄ fastq@1.13.0  
,îÇ ,îü,îÄ reusify@^1.0.4  
,îú,îÄ fb-watchman@2.0.1  
,îÇ ,îü,îÄ bser@2.1.1  
,îú,îÄ fd-slicer@1.1.0  
,îÇ ,îü,îÄ pend@~1.2.0  
,îú,îÄ fecha@4.2.1  
,îú,îÄ figgy-pudding@3.5.2  
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,îÇ ,îü,îÄ flat-cache@^3.0.4  
,îú,îÄ file-icons-js@1.0.3  
,îú,îÄ file-type@5.2.0  
,îú,îÄ file-uri-to-path@1.0.0  
,îú,îÄ filelist@1.0.2  
,îÇ ,îü,îÄ minimatch@^3.0.4  
,îú,îÄ filename-reserved-regex@2.0.0  
,îú,îÄ filenamify@4.3.0  
,îÇ ,îú,îÄ filename-reserved-regex@^2.0.0  
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,îÇ ,îü,îÄ trim-repeated@^1.0.0  
,îú,îÄ fill-range@7.0.1  
,îÇ ,îü,îÄ to-regex-range@^5.0.1  
,îú,îÄ filter-obj@2.0.2  
,îú,îÄ finalhandler@1.1.2  
,îÇ ,îú,îÄ debug@2.6.9

,îÇ ,îú,îÄ debug@2.6.9  
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,îÇ ,îú,îÄ encodeurl@~1.0.2  
,îÇ ,îú,îÄ escape-html@~1.0.3  
,îÇ ,îú,îÄ ms@2.0.0  
,îÇ ,îú,îÄ on-finished@~2.3.0  
,îÇ ,îú,îÄ parseurl@~1.3.3  
,îÇ ,îú,îÄ statuses@~1.5.0  
,îÇ ,îü,îÄ unpipe@~1.0.0  
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,îÇ ,îú,îÄ comondir@^1.0.1  
,îÇ ,îú,îÄ make-dir@^3.0.2  
,îÇ ,îü,îÄ pkg-dir@^4.1.0  
,îú,îÄ find-git-repositories@0.2.1  
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,îÇ ,îü,îÄ node-addon-api@4.2.0  
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,îÇ ,îü,îÄ locate-path@^3.0.0  
,îú,îÄ find-versions@3.2.0  
,îÇ ,îü,îÄ semver-regex@^2.0.0  
,îú,îÄ find-yarn-workspace-root2@1.2.16  
,îÇ ,îú,îÄ micromatch@^4.0.2  
,îÇ ,îü,îÄ pkg-dir@^4.2.0  
,îú,îÄ first-chunk-stream@2.0.0  
,îÇ ,îü,îÄ readable-stream@^2.0.2  
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,îÇ ,îü,îÄ rimraf@^3.0.2  
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,îú,îÄ follow-redirects@1.5.10  
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,Ç ,ú,Ä combined-stream@^1.0.6  
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,Ç ,Ä map-cache@^0.2.2  
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,ú,Ä from@0.1.7  
,ú,Ä from2@2.3.0  
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,ú,Ä fs-extra@8.1.0  
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,Ç ,ú,Ä minipass@^3.0.0  
,Ç ,Ä minipass@3.1.5  
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,Ç ,ú,Ä graceful-fs@^4.1.2  
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,ú,Ä fstream@1.0.12  
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,Ç ,Ç ,ú,Ä inflight@^1.0.4  
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,Ç ,Ç ,ú,Ä minimatch@^3.0.4  
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,îÇ ,îú,îÄ mem@^5.1.0  
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,îÇ ,îú,îÄ passwd-user@^3.0.0  
,îÇ ,îî,îÄ rc@^1.2.8  
,îú,îÄ function-bind@1.1.1  
,îú,îÄ functional-red-black-tree@1.0.1  
,îú,îÄ fuzzy@0.1.3  
,îú,îÄ gauge@2.7.4  
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,îú,îÄ genfun@5.0.0  
,îú,îÄ gensync@1.0.0-beta.2  
,îú,îÄ get-caller-file@2.0.5  
,îú,îÄ get-func-name@2.0.0

,îú,îÄ get-intrinsic@1.1.1  
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,îÇ ,îî,îÄ has@^1.0.3  
,îú,îÄ get-own-enumerable-property-symbols@3.0.2  
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,îú,îÄ got@9.6.0  
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,îÇ ,îú,îÄ @msgpackr-extract/msgpackr-extract-darwin-x64@2.1.2  
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,îÇ ,îú,îÄ @msgpackr-extract/msgpackr-extract-win32-x64@2.1.2

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,îú,îÄ require-main-filename@2.0.0  
,îú,îÄ resize-observer-polyfill@1.5.1  
,îú,îÄ resolve-alpn@1.2.1  
,îú,îÄ resolve-cwd@3.0.0  
,îÇ ,îú,îÄ resolve-from@^5.0.0  
,îÇ ,îî,îÄ resolve-from@5.0.0  
,îú,îÄ resolve-from@4.0.0  
,îú,îÄ resolve-url@0.2.1  
,îú,îÄ resolve@1.20.0  
,îÇ ,îú,îÄ is-core-module@^2.2.0  
,îÇ ,îî,îÄ path-parse@^1.0.6  
,îú,îÄ resource-loader@3.0.1  
,îÇ ,îú,îÄ mini-signals@^1.2.0  
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,îú,îÄ responselike@2.0.0  
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,îú,îÄ restore-cursor@3.1.0  
,îÇ ,îú,îÄ onetime@^5.1.0  
,îÇ ,îî,îÄ signal-exit@^3.0.2  
,îú,îÄ ret@0.1.15  
,îú,îÄ retry@0.12.0  
,îú,îÄ reusify@1.0.4  
,îú,îÄ rfdc@1.3.0  
,îú,îÄ rimraf@3.0.2  
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,îÇ ,îú,îÄ once@^1.3.0  
,îÇ ,îî,îÄ path-is-absolute@^1.0.0  
,îú,îÄ roarr@2.15.4  
,îÇ ,îú,îÄ boolean@^3.0.1  
,îÇ ,îú,îÄ detect-node@^2.0.4  
,îÇ ,îú,îÄ globalthis@^1.0.1  
,îÇ ,îú,îÄ json-stringify-safe@^5.0.1  
,îÇ ,îú,îÄ semver-compare@^1.0.0  
,îÇ ,îú,îÄ sprintf-js@^1.1.2  
,îÇ ,îî,îÄ sprintf-js@1.1.2  
,îú,îÄ root-check@1.0.0

,îÇ ,îú,îÄ downgrade-root@^1.0.0  
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,îú,îÄ route-parser@0.0.5  
,îú,îÄ rsvp@4.8.5  
,îú,îÄ run-async@2.4.1  
,îú,îÄ run-parallel@1.2.0  
,îÇ ,îü,îÄ queue-microtask@^1.2.2  
,îú,îÄ run-queue@1.0.3  
,îÇ ,îü,îÄ aproba@^1.1.1  
,îú,îÄ rx@4.1.0  
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,îÇ ,îü,îÄ tslib@^1.9.0  
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,îú,îÄ safe-regex@1.1.0  
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,îÇ ,îú,îÄ anymatch@2.0.0  
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,îÇ ,îî,îÄ ajv@^6.12.5  
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,îÇ ,îî,îÄ semver@5.7.1  
,îú,îÄ semver@7.3.5  
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,îÇ ,îú,îÄ debug@2.6.9  
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,îÇ ,îú,îÄ etag@~1.8.1  
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,îú,îÄ serve-static@1.14.1  
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,îÇ ,îî,îÄ send@0.17.1  
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,îú,îÄ signal-exit@3.0.6  
,îú,îÄ simple-concat@1.0.1  
,îú,îÄ simple-get@3.1.0  
,îÇ ,îú,îÄ decompress-response@^4.2.0  
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,îú,îÄ socket.io-client@4.5.3  
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,îú,îÄ socket.io@4.5.3

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,îÇ ,îú,îÄ base64id@~2.0.0

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,îÇ ,îú,îÄ debug@^4.3.1

,îÇ ,îî,îÄ socks@^2.6.1

,îú,îÄ socks@2.6.2

,îÇ ,îú,îÄ ip@^1.1.5

,îÇ ,îî,îÄ smart-buffer@^4.2.0

,îú,îÄ sonic-boom@1.4.1

,îÇ ,îú,îÄ atomic-sleep@^1.0.0

,îÇ ,îî,îÄ flatstr@^1.0.12

,îú,îÄ sort-keys@2.0.0

,îÇ ,îî,îÄ is-plain-obj@^1.0.0

,îú,îÄ sort-on@3.0.0

,îÇ ,îú,îÄ arrify@^1.0.0

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,îú,îÄ source-map-loader@2.0.2

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,îÇ ,îú,îÄ iconv-lite@^0.6.2

,îÇ ,îú,îÄ iconv-lite@0.6.3

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,îÇ ,îî,îÄ urix@^0.1.0

,îú,îÄ source-map-support@0.5.21

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,îú,îÄ source-map@0.6.1  
,îú,îÄ spawn-sync@1.0.15  
,îÇ ,îú,îÄ concat-stream@^1.4.7  
,îÇ ,îü,îÄ os-shim@^0.1.2  
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,îÇ ,îÇ ,îú,îÄ normalize-package-data@^2.3.4  
,îÇ ,îÇ ,îú,îÄ object-assign@^4.0.1  
,îÇ ,îÇ ,îú,îÄ read-pkg-up@^1.0.1  
,îÇ ,îÇ ,îú,îÄ read-pkg-up@1.0.1  
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,îÇ ,îÇ ,îú,îÄ read-pkg@1.1.0  
,îÇ ,îÇ ,îÇ ,îú,îÄ load-json-file@^1.0.0

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,iÇ ,iÇ ,iÇ ,íí,iÄ path-type@^1.0.0  
,iÇ ,iÇ ,íú,iÄ redent@^1.0.0  
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,iÇ ,íú,iÄ normalize-url@2.0.1  
,iÇ ,iÇ ,íú,iÄ prepend-http@^2.0.0  
,iÇ ,iÇ ,íú,iÄ query-string@^5.0.1  
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,iÇ ,iÇ ,íí,iÄ p-finally@^1.0.0  
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,iÇ ,iÇ ,íú,iÄ registry-url@^3.1.0  
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,îÇ ,îÇ ,îú,îÄ astral-regex@^1.0.0  
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,îÇ ,îú,îÄ strip-indent@1.0.1  
,îÇ ,îÇ ,îü,îÄ get-stdin@^4.0.1  
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,îÇ ,îú,îÄ pad-component@0.0.1  
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,îÇ ,îÇ ,îú,îÄ is-fullwidth-code-point@^2.0.0  
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Original algorithm for the implementation of rk\_interval function from Richard J. Wagner's implementation of the Mersenne Twister RNG, optimised by Magnus Jonsson.

Constants used in the rk\_double implementation by Isaku Wada.

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Name: GCC runtime library

Files: .libs/libgfortran\*.so

Description: dynamically linked to files compiled with gcc

Availability: <https://gcc.gnu.org/viewcvs/gcc/>

License: GPLv3 + runtime exception

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Files: tools/npv\_tempita/\*

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For details, see tools/npv\_tempita/license.txt

Name: dragon4

Files: numpy/core/src/multiarray/dragon4.c

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For license text, see numpy/core/src/multiarray/dragon4.c

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\* unsigned integer data type will do), there's no compile-time endianness

\* configuration, and the function prototypes match OpenSSL's. No code from

\* Colin Plumb's implementation has been reused; this comment merely compares

- \* the properties of the two independent implementations.
- \*
- \* The primary goals of this implementation are portability and ease of use.
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>>>> zlib 1.2.11

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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Jean-loup Gailly      Mark Adler  
jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (deflate format) and rfc1952 (gzip format).

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>>>> libjpeg

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 \* questions.  
 \*/  
  
 /\*  
 \* This file contains the code to link the Java Image I/O JPEG plug-in  
 \* to the IJG library used to read and write JPEG files. Much of it has  
 \* been copied, updated, and annotated from the jpegdecoder.c AWT JPEG  
 \* decoder. Where that code was unclear, the present author has either  
 \* rewritten the relevant section or commented it for the sake of future  
 \* maintainers.  
 \*  
 \* In particular, the way the AWT code handled progressive JPEGs seems  
 \* to me to be only accidentally correct and somewhat inefficient. The  
 \* scheme used here represents the way I think it should work. (REV 11/00)  
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\* configuration, and the function prototypes match OpenSSL's. No code from

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\* the properties of the two independent implementations.

\*

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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jloup@gzip.org      madler@alumni.caltech.edu

The data format used by the zlib library is described by RFCs (Request for Comments) 1950 to 1952 in the files <http://tools.ietf.org/html/rfc1950> (zlib format), rfc1951 (inflate format) and rfc1952 (gzip format).

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>>>> libjpeg

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\* This file contains the code to link the Java Image I/O JPEG plug-in

\* to the IJG library used to read and write JPEG files. Much of it has

\* been copied, updated, and annotated from the jpegdecoder.c AWT JPEG  
\* decoder. Where that code was unclear, the present author has either  
\* rewritten the relevant section or commented it for the sake of future  
\* maintainers.  
\*  
\* In particular, the way the AWT code handled progressive JPEGs seems  
\* to me to be only accidentally correct and somewhat inefficient. The  
\* scheme used here represents the way I think it should work. (REV 11/00)  
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The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent, GIF reading support has been removed altogether, and the GIF writer has been simplified to produce "uncompressed GIFs". This technique does not use the LZW algorithm; the

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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 <sup>⊗</sup> (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                             |
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| 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                             |
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| 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                             |
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| 2.5            | 2.4          | 2006      | PSF        | yes                             |

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|-------|-------|------|-----|-----|
| 2.5.1 | 2.5   | 2007 | PSF | yes |
| 2.5.2 | 2.5.1 | 2008 | PSF | yes |
| 2.5.3 | 2.5.2 | 2008 | PSF | yes |
| 2.6   | 2.5   | 2008 | PSF | yes |
| 2.6.1 | 2.6   | 2008 | PSF | yes |
| 2.6.2 | 2.6.1 | 2009 | PSF | yes |
| 2.6.3 | 2.6.2 | 2009 | PSF | yes |
| 2.6.4 | 2.6.3 | 2009 | PSF | yes |
| 2.6.5 | 2.6.4 | 2010 | PSF | yes |
| 2.7   | 2.6   | 2010 | PSF | yes |

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<<<<<<<xilinx-separator>>>>>>>>
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```
pdfjs-pdfjs.github.io version 2.0.943
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>>> MIT
/*!
 * jQuery contextMenu - Plugin for simple contextMenu handling
 *
 * Version: v2.9.2
 *
 * Authors: Björn Brala (SWIS.nl), Rodney Rehm, Addy Osmani (patches for FF)
 * Web: http://swisnl.github.io/jQuery-contextMenu/
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```
pickleshare version 0.7.5
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```

Name: pickleshare  
Version: 0.7.5  
Summary: Tiny 'shelve'-like database with concurrency support  
Home-page: <https://github.com/pickleshare/pickleshare>  
Author: Ville Vainio  
Author-email: [vivainio@gmail.com](mailto:vivainio@gmail.com)  
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>>> mit or gpl

/\*!

JSZip v3.1.5 - A JavaScript class for generating and reading zip files

<<http://stuartk.com/jszip>>

(c) 2009-2016 Stuart Knightley <[stuart@stuartk.com](mailto:stuart@stuartk.com)>

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#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  
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#

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#

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|------------------|-----------|-----------|------------|-----------------|
| # from           |           |           |            | 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             |
| # 2.1.2          | 2.1.1     | 2002      | PSF        | yes             |
| # 2.1.3          | 2.1.2     | 2002      | PSF        | yes             |
| # 2.2 and above  | 2.1.1     | 2001-now  | PSF        | yes             |

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https://github.com/Xilinx/embeddedsw/blob/release-
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pygments version 2.16.1

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Parisa: Adding copyrights

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pylibfdt version 1.7.0

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pyparsing version 3.0.9
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pyproject-hooks version 1.0.0

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pyrsistent version 0.18.0
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Name: pyrsistent  
Version: 0.18.0  
Summary: Persistent/Functional/Immutable data structures  
Home-page: <http://github.com/tobgu/pyrsistent/>  
Author: Tobias Gustafsson  
Author-email: [tobias.l.gustafsson@gmail.com](mailto:tobias.l.gustafsson@gmail.com)  
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pysistent version 0.18.1
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Python was created in the early 1990s by Guido van Rossum at Stichting Mathematisch Centrum (CWI, see <https://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 <https://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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

All Python releases are Open Source (see <https://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                 |
| 2.1.2          | 2.1.1        | 2002      | PSF        | yes                 |
| 2.1.3          | 2.1.2        | 2002      | PSF        | yes                 |
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In 1995, Guido continued his work on Python at the Corporation for National Research Initiatives (CNRI, see <https://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 <https://www.zope.org/>). In 2001, the Python Software Foundation (PSF, see <https://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.

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Derived from

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CNRI

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1.6

1.5.2

2000

CNRI

no

2.0

1.6

2000

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1.6.1

1.6

2001

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no

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2.1+2.0.1

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2.1.2

2.1.1

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Mersenne Twister

The `_random` module includes code based on a download from <http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/MT2002/emt19937ar.html>. The following are the verbatim comments from the original code:

A C-program for MT19937, with initialization improved 2002/1/26.  
Coded by Takuji Nishimura and Makoto Matsumoto.

Before using, initialize the state by using `init_genrand(seed)`  
or `init_by_array(init_key, key_length)`.

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<http://www.math.sci.hiroshima-u.ac.jp/~m-mat/MT/emt.html>

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Sockets

The socket module uses the functions, `getaddrinfo()`, and `getnameinfo()`, which are coded in separate source files from the WIDE Project, <http://www.wide.ad.jp/>.

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Modified by Jack Jansen, CWI, July 1995:

- Use binascii module to do the actual line-by-line conversion between ascii and binary. This results in a 1000-fold speedup. The C version is still 5 times faster, though.
  - Arguments more compliant with Python standard
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Original location:

<https://github.com/majek/csiphash/>

Solution inspired by code from:

Samuel Neves (supercop/crypto\_auth/siphash24/little)

djb (supercop/crypto\_auth/siphash24/little2)

Jean-Philippe Aumasson (<https://131002.net/siphash/siphash24.c>)

strtod and dtoa

The file Python/dtoa.c, which supplies C functions dtoa and strtod for conversion of C doubles to and from strings, is derived from the file of the same name by David M. Gay, currently available from <http://www.netlib.org/fp/>. The original file, as retrieved on March 16, 2009, contains the following copyright and licensing notice:

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pytz version 2020.1

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pyyaml version 6.0

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pyzmq version 22.3.0
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qtpy version 1.11.2
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rapidjson version 1.1.0

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react-redux version 7.2.1
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reactjs-react-transition-group version 2.9
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reactstrap version 8.5.1
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redux-thunk version 2.3.0
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## M4sh Initialization. ##
## ----- ##
# Be more Bourne compatible
```

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   configure with --enable-malloc-debugger to use it  
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ruamel.yaml version 0.18.5

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ruamel.yaml.clib version 0.2.7
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#####

FILE: ./plugins/gnu.io.rtx.source\_2.1.7.4\_v20071016/about.html

#####

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safeio_files version 2019.1
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scheduler version 0.19.1
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#

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>>>>
```

```
"""This module contains the _EstimatorPrettyPrinter class used in  
BaseEstimator.__repr__ for pretty-printing estimators"""
```

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Name: OpenBLAS

Files: .libs/libopenb\*.so

Description: bundled as a dynamically linked library

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Name: LAPACK

Files: .libs/libopenb\*.so

Description: bundled in OpenBLAS



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Name: GCC runtime library

Files: .libs/libgfortran\*.so

Description: dynamically linked to files compiled with gcc

Availability: <https://gcc.gnu.org/viewcvs/gcc/>

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Version 3.1, 31 March 2009

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>>> MIT
# module pyparsing.py
#
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#
```



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```

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```
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```

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shutil which contains code from Python 3.3 and uses the same license:

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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.

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| Release<br>from | Derived<br>from | Year      | Owner | GPL-<br>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     |
| 2.4.4 | 2.4.3     | 2006      | PSF        | yes     |
| 2.5   | 2.4       | 2006      | PSF        | yes     |
| 2.5.1 | 2.5       | 2007      | PSF        | yes     |
| 2.5.2 | 2.5.1     | 2008      | PSF        | yes     |
| 2.5.3 | 2.5.2     | 2008      | PSF        | yes     |
| 2.6   | 2.5       | 2008      | PSF        | yes     |
| 2.6.1 | 2.6       | 2008      | PSF        | yes     |
| 2.6.2 | 2.6.1     | 2009      | PSF        | yes     |
| 2.6.3 | 2.6.2     | 2009      | PSF        | yes     |
| 2.6.4 | 2.6.3     | 2009      | PSF        | yes     |
| 2.6.5 | 2.6.4     | 2010      | PSF        | yes     |
| 3.0   | 2.6       | 2008      | PSF        | yes     |
| 3.0.1 | 3.0       | 2009      | PSF        | yes     |
| 3.1   | 3.0.1     | 2009      | PSF        | yes     |
| 3.1.1 | 3.1       | 2009      | PSF        | yes     |
| 3.1.2 | 3.1.1     | 2010      | PSF        | yes     |
| 3.1.3 | 3.1.2     | 2010      | PSF        | yes     |
| 3.1.4 | 3.1.3     | 2011      | PSF        | yes     |
| 3.2   | 3.1       | 2011      | PSF        | yes     |
| 3.2.1 | 3.2       | 2011      | PSF        | yes     |
| 3.2.2 | 3.2.1     | 2011      | PSF        | yes     |
| 3.2.3 | 3.2.2     | 2012      | PSF        | yes     |

3.3.0      3.2      2012      PSF      yes

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six version 1.15.0

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```

```
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```

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```

```
"""This module contains the _EstimatorPrettyPrinter class used in
BaseEstimator.__repr__ for pretty-printing estimators"""
```

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softfloat version 3e
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sparse hash version 1.10
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sqlalchemy-mako version 1.1.3
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```
strongtypedef version master
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```

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```
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swingx version 1.6.2

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mkdepend : generate dependency information from C/C++ files

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Modified heavily by David Gravereaux <davygrvy@pobox.com> about 9/17/2006. Original can be found @  
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RCS: @(#) \$Id: mkdepend.tcl,v 1.6 2007/12/13 15:28:40 dgp Exp \$

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- 3) `./generic/regc_cvec.c` - "Notes: Only (selected) functions in `_this_` file should treat `chr*` as non-constant."
- 4) `./generic/regc_nfa.c` - "One or two things that technically ought to be in here are actually in `color.c`, thanks to some incestuous relationships in the color chains."
- 6) `./generic/regguts.h` - "Environmental customization. It should not (I hope) be necessary to alter the file you are now reading -- `regcustom.h` should handle it all, given care here and elsewhere."
- 8) `./generic/regfree.c` - "You might think that this could be incorporated into `regcomp.c`, and that would be a reasonable idea... except that this is a generic function (with a generic name), applicable to all compiled Res regardless of the size of their characters, whereas the stuff in `regcomp.c` gets compiled once per character size."
- 9) `./generic/regc_lex.c` - "scanning macros (know about v)"
- 10) `./generic/regcustom.h` - "Headers if any."

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A Bison parser, made by GNU Bison 2.3.

Skeleton implementation for Bison's Yacc-like parsers in C

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C LALR(1) parser skeleton written by Richard Stallman, by simplifying the original so-called "semantic" parser.

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Identify Bison output.

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This file implements the dlopen and dlsym APIs under the AIX operating system, to enable the Tcl "load" command to work. This code was provided by Jens-Uwe Mager.

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RCS: @(#) \$Id: tclLoadAix.c,v 1.6 2007/04/16 13:36:36 dkf Exp \$

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@(#)dlfcn.c 1.7 revision of 95/08/14 19:08:38

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RCS: @(#) \$Id: dlfcn.h,v 1.2 1998/09/14 18:39:44 stanton Exp \$

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compiler/cpp/src/generate/t\_erb\_generator.cc  
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compiler/cpp/src/generate/t\_java\_generator.cc  
compiler/cpp/src/generate/t\_ocaml\_generator.cc  
compiler/cpp/src/generate/t\_perl\_generator.cc  
compiler/cpp/src/generate/t\_php\_generator.cc  
compiler/cpp/src/generate/t\_py\_generator.cc  
compiler/cpp/src/generate/t\_rb\_generator.cc  
compiler/cpp/src/generate/t\_st\_generator.cc  
compiler/cpp/src/generate/t\_xsd\_generator.cc  
compiler/cpp/src/main.cc  
compiler/cpp/src/parse/t\_field.h  
compiler/cpp/src/parse/t\_program.h  
compiler/cpp/src/platform.h  
compiler/cpp/src/thrift.ll  
compiler/cpp/src/thrift.yy  
lib/csharp/src/Protocol/TBinaryProtocol.cs  
lib/csharp/src/Protocol/TField.cs  
lib/csharp/src/Protocol/TList.cs  
lib/csharp/src/Protocol/TMap.cs  
lib/csharp/src/Protocol/TMessage.cs  
lib/csharp/src/Protocol/TMessageType.cs  
lib/csharp/src/Protocol/TProtocol.cs  
lib/csharp/src/Protocol/TProtocolException.cs  
lib/csharp/src/Protocol/TProtocolFactory.cs  
lib/csharp/src/Protocol/TProtocolUtil.cs  
lib/csharp/src/Protocol/TSet.cs  
lib/csharp/src/Protocol/TStruct.cs  
lib/csharp/src/Protocol/TType.cs  
lib/csharp/src/Server/TServer.cs  
lib/csharp/src/Server/TSimpleServer.cs  
lib/csharp/src/Server/TThreadPoolServer.cs

lib/csharp/src/TApplicationException.cs  
lib/csharp/src/Thrift.csproj  
lib/csharp/src/Thrift.sln  
lib/csharp/src/TProcessor.cs  
lib/csharp/src/Transport/TServerSocket.cs  
lib/csharp/src/Transport/TServerTransport.cs  
lib/csharp/src/Transport/TSocket.cs  
lib/csharp/src/Transport/TStreamTransport.cs  
lib/csharp/src/Transport/TTransport.cs  
lib/csharp/src/Transport/TTransportException.cs  
lib/csharp/src/Transport/TTransportFactory.cs  
lib/csharp/ThriftMSBuildTask/Properties/AssemblyInfo.cs  
lib/csharp/ThriftMSBuildTask/ThriftBuild.cs  
lib/csharp/ThriftMSBuildTask/ThriftMSBuildTask.csproj  
lib/rb/lib/thrift.rb  
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test/OptionalRequiredTest.cpp  
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tlm version 2.3.0
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tm_terminal version 4.3
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This page acknowledges those who provided great help in building the initial version of treelite:

- \* Treelite builds upon Philip's earlier work at \*\*Paul G. Allen School of Computer Science and Engineering, University of Washington at Seattle\*\*, which was performed under the guidance of \*\*Carlos Guestrin\*\* and \*\*Arvind Krishnamurthy\*\*.
- \* \*\*Tianqi Chen\*\* (member of DMLC) offered many great ideas for the conception of the project. He also provided feedback pertaining to API design.
- \* \*\*Mu Li\*\* (member of DMLC) provided advice and resources to develop treelite into a full-fledged open source project.
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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



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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, which became Zope Corporation. In 2001, the Python Software Foundation (PSF, see <https://www.python.org/psf/>) was formed, a non-profit organization created specifically to own Python-related Intellectual Property. Zope Corporation was a sponsoring member of the PSF.

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| Release        | Derived   | Year      | Owner      | GPL-            |
|----------------|-----------|-----------|------------|-----------------|
|                | from      |           |            | 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             |
| 2.1.2          | 2.1.1     | 2002      | PSF        | yes             |
| 2.1.3          | 2.1.2     | 2002      | PSF        | yes             |
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#### Summary:

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This directory contains the source code for U-Boot, a boot loader for Embedded boards based on PowerPC, ARM, MIPS and several other processors, which can be installed in a boot ROM and used to initialize and test the hardware or to download and run application code.

The development of U-Boot is closely related to Linux: some parts of the source code originate in the Linux source tree, we have some header files in common, and special provision has been made to support booting of Linux images.

Some attention has been paid to make this software easily configurable and extendable. For instance, all monitor commands are implemented with the same call interface, so that it's very easy to add new commands. Also, instead of permanently adding rarely used code (for instance hardware test utilities) to the monitor, you can load and run it dynamically.

#### Status:

=====

In general, all boards for which a configuration option exists in the Makefile have been tested to some extent and can be considered "working". In fact, many of them are used in production systems.

In case of problems see the CHANGELOG and CREDITS files to find out who contributed the specific port. The MAINTAINERS file lists board maintainers.

#### Where to get help:

=====

In case you have questions about, problems with or contributions for U-Boot you should send a message to the U-Boot mailing list at <u-boot@lists.denx.de>. There is also an archive of previous traffic on the mailing list - please search the archive before asking FAQ's.

Please see <http://lists.denx.de/pipermail/u-boot> and  
<http://dir.gmane.org/gmane.comp.boot-loaders.u-boot>

## Where to get source code:

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The U-Boot source code is maintained in the git repository at [git://www.denx.de/git/u-boot.git](http://www.denx.de/git/u-boot.git) ; you can browse it online at <http://www.denx.de/cgi-bin/gitweb.cgi?p=u-boot.git;a=summary>

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bzip2/libbzip2 version 1.0 of 21 March 2000

This program is based on (at least) the work of:

Mike Burrows  
David Wheeler  
Peter Fenwick  
Alistair Moffat  
Radford Neal  
Ian H. Witten  
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\*

\* This is a simple DNS implementation for U-Boot. It will use the first IP

\* in the DNS response as NetServerIP. This can then be used for any other

\* network related activities.

\*

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Julian Seward, Cambridge, UK.

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bzip2/libbzip2 version 1.0 of 21 March 2000

This program is based on (at least) the work of:

Mike Burrows  
David Wheeler  
Peter Fenwick  
Alistair Moffat  
Radford Neal  
Ian H. Witten  
Robert Sedgewick  
Jon L. Bentley

For more information on these sources, see the manual.

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<https://github.com/Xilinx/u-boot-xlnx/blob/master/drivers/adc/adc-uclass.c>

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\* Generated by smidgen 2018-08-23

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- \* \brief span class based on ISO++20 span
- \*
- \* About NOLINTs in this file:
- \*
- \* If we want Span to work with std interface, like range for loop, the
- \* naming must be consistent with std, not XGBoost. Also, the interface also
- \* conflicts with XGBoost coding style, specifically, the use of `explicit`
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==> libpcrc 8.45

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## THE BASIC LIBRARY FUNCTIONS

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==> libx11 1.8.1

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==> libxau 1.0.10

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===> libxcb 1.15

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===> libxdmcp 1.1.3

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==> libxml2 2.9.14

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==> mesa 22.2.3

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==> meta-environment-versal-generic 1.0

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==> pixman 0.40.0

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==> util-linux 2.38.1

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xilinx_qemu for windows version 2024.1
<<<<<<<xilinx-separator>>>>>>>
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==> glib-2.0 2.72.3

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==> libiconv 1.15

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==> libpcre 8.45

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THE BASIC LIBRARY FUNCTIONS

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Written by: Philip Hazel  
Email local part: Philip.Hazel  
Email domain: gmail.com

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==> libsdl2 2.24.2

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==> libslirp 4.7.0

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==> mingw-w64-winpthreads 9.0.0

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Author: daniel@veillard.com

hash.c

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list.c

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trionan.c

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triodef.h

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xygraph version 2.1.0

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zdma\_xilinx\_driver version 1.3

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zip4j version 1.3.2

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zip4j version 2.11.5

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zip4j version 2.2.1

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<dependency>

<groupid>net.lingala.zip4j</groupid>

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<artifactId>zip4j</artifactId>
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<version>2.2.1</version>  
</dependency>

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zipp version 3.11.0

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zlib version 1.2.1
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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.1, November 17th, 2003
```

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zlib version 1.2.11

<<<<<<<<xilinx-separator>>>>>>>>>

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.11, January 15th, 2017

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$$* /$$

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```
zlib version 1.2.12
<<<<<<<xilinx-separator>>>>>>>
```

```
/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.8, April 28th, 2013
```

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<<<<<<<<xilinx-separator>>>>>>>>>

/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.8, April 28th, 2013

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zlib version 1.2.3

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.3, July 18th, 2005

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.4, Mar 14th, 2010

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/\* zlib.h -- interface of the 'zlib' general purpose compression library  
version 1.2.5, April 19th, 2010

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zlib version 1.2.7

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/* zlib.h -- interface of the 'zlib' general purpose compression library
   version 1.2.7, May 2nd, 2012
```

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## zynq-remote-port version 4

```
<<<<<<<xilinx-separator>>>>>>>>
```

\* QEMU remote port protocol parts.

\*

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Version 2.0, January 2004

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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 and derivative works made from that copy.

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 above provided that you 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.

If distribution of 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 satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of 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), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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 may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

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 containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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 covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

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 it. However, as a special exception, the materials to be 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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 not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work

based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

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That's all there is to it!



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## Version 3, 29 June 2007

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## 0. Additional Definitions.

The "Minimal Corresponding Source" for a Combined Work means the Corresponding Source for the Combined Work, excluding any source code for portions of the Combined Work that, considered in isolation, are based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

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#### 2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

- a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or
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#### 3. Object Code Incorporating Material from Library Header Files.

The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

- a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.
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0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application

Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)

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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 that are not Applications and are not covered by this License, and convey such a combined library under terms of your choice, if you do both of the following:

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<<<<<<<<xilinx-separator>>>>>>>>>

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Version 2, June 1991

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[This is the first released version of the library GPL. It is  
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### Preamble

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Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, 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 companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

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0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs

(which use some of those functions and data) to form executables.

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 either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, 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 library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

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 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 distribute a copy of this License along with the Library.

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 work under the terms of Section 1 above, provided that you also meet all of these conditions:

- 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 uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

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, 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 Library, 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 Library.

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 does not bring the other work under the scope of 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. To do this, you must alter all the notices that refer to this License, so

that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

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 and derivative works made from that copy.

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 above provided that you 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.

If distribution of 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 satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of 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), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

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 may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

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. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

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 covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) 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 it. 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.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

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 not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

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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.

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|----------------|--------------|-----------|------------|-------------------------------|
| 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                           |

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