Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0

Cisco Systems, Inc.
www.cisco.com

Cisco has more than 200 offices worldwide. Addresses, phone numbers, and fax numbers are listed on the Cisco website at www.cisco.com/go/offices.

Text Part Number: 78EE117C99-1071047655
This document contains licenses and notices for open source software used in this product. With respect to the free/open source software listed in this document, if you have any questions or wish to receive a copy of any source code to which you may be entitled under the applicable free/open source license(s) (such as the GNU Lesser/General Public License), please contact us at external-opensource-requests@cisco.com.

In your requests please include the following reference number 78EE117C99-1071047655

Contents

1.1 angle 1.0.1
   1.1.1 Available under license
1.2 libwebp 1.0.2
   1.2.1 Available under license
1.3 microsoft-windowsdesktop-app-ref 4.15
   1.3.1 Available under license
1.4 ots 8.0.0
   1.4.1 Available under license
1.5 logofx-bootstrapping 2.0.0
   1.5.1 Available under license
1.6 boost 1.65
   1.6.1 Available under license
1.7 solid-extensibility 2.2.0
   1.7.1 Available under license
1.8 libflac 1.3.1
   1.8.1 Available under license
1.9 libjpeg 8d
   1.9.1 Available under license
1.10 lame 3.100
   1.10.1 Available under license
1.11 re2 2017-03-01
   1.11.1 Available under license
1.12 sqlite 3.32.1
   1.12.1 Available under license
1.13 websocketpp 0.8.0
   1.13.1 Available under license
1.14 solid-practices-modularity 2.2.0
   1.14.1 Available under license
1.15 openjpeg 2.3.0
   1.15.1 Available under license
1.16 opencv 3.2.0
   1.16.1 Available under license
1.17 sql-cipher 4.0.1
   1.17.1 Available under license
1.18 microsoft-xaml-behaviors-uwp-managed 3.0.40218.0
   1.18.1 Available under license
1.19 xz 15.14
   1.19.1 Available under license
1.20 caliburn-micro-core 4.0.0.0
   1.20.1 Available under license
1.21 caliburn-micro 4.0.0.0
   1.21.1 Available under license
1.22 free-type 2.10.0
   1.22.1 Available under license
1.23 logofx-core 2.0.0
   1.23.1 Available under license
1.24 openssl 1.0.1.c
   1.24.1 Available under license
1.25 protobuf 3.12.2
   1.25.1 Available under license
1.26 microsoft-netcore-app 4.6.26515.06
   1.26.1 Available under license
1.27 libsrtp 1.6.0
   1.27.1 Available under license
1.28 xamlanimatedgif 1.1.10.0
   1.28.1 Available under license
1.29 libilbc 2.0.2
   1.29.1 Available under license
1.30 solid-bootstrapping 2.2.0
   1.30.1 Available under license
1.31 microsoft-netcore-app 4.8.3752.0
   1.31.1 Available under license
1.32 logofx-client-mvvm-viewmodel-extensions 2.0.0
   1.32.1 Available under license
1.33 sqlite 3.26.0
<table>
<thead>
<tr>
<th>Version</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>1.33.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.34</strong></td>
<td>logofx-client-mvvm-viewmodel-services-core 2.0.0</td>
</tr>
<tr>
<td>1.34.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.35</strong></td>
<td>zlib 1.2.5</td>
</tr>
<tr>
<td>1.35.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.36</strong></td>
<td>pcre2 10.30</td>
</tr>
<tr>
<td>1.36.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.37</strong></td>
<td>swift 5.1.0</td>
</tr>
<tr>
<td>1.37.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.38</strong></td>
<td>threading-building-blocks 2018_U1</td>
</tr>
<tr>
<td>1.38.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.39</strong></td>
<td>leveldb 1.20</td>
</tr>
<tr>
<td>1.39.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.40</strong></td>
<td>system-runtime-compilerservices-unsafe 4.0.0.0</td>
</tr>
<tr>
<td>1.40.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.41</strong></td>
<td>protobuf 3.0.0</td>
</tr>
<tr>
<td>1.41.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.42</strong></td>
<td>icu 56.1</td>
</tr>
<tr>
<td>1.42.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.43</strong></td>
<td>libphonenumber 8.12.7</td>
</tr>
<tr>
<td>1.43.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.44</strong></td>
<td>libxml 2.9.10</td>
</tr>
<tr>
<td>1.44.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.45</strong></td>
<td>system-componentmodel-annotations 4.6.25921.02</td>
</tr>
<tr>
<td>1.45.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.46</strong></td>
<td>system-windows-interactivity-wpf 3.0.40218.0</td>
</tr>
<tr>
<td>1.46.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.47</strong></td>
<td>solid-core 2.2.0</td>
</tr>
<tr>
<td>1.47.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.48</strong></td>
<td>libusb 1.0.21</td>
</tr>
<tr>
<td>1.48.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.49</strong></td>
<td>jansson 2.12</td>
</tr>
<tr>
<td>1.49.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.50</strong></td>
<td>libssh 1.9.0_DEV</td>
</tr>
<tr>
<td>1.50.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.51</strong></td>
<td>protobuf 2.6.1</td>
</tr>
<tr>
<td>1.51.1</td>
<td>Available under license</td>
</tr>
<tr>
<td><strong>1.52</strong></td>
<td>logofx-client-mvvm-model 2.0.0</td>
</tr>
<tr>
<td>1.52.1</td>
<td>Available under license</td>
</tr>
<tr>
<td>Version</td>
<td>Package Name</td>
</tr>
<tr>
<td>---------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>1.53</td>
<td>system-valuetuple</td>
</tr>
<tr>
<td>1.54</td>
<td>jetbrains-annotations</td>
</tr>
<tr>
<td>1.55</td>
<td>direct3d</td>
</tr>
<tr>
<td>1.56</td>
<td>openh264</td>
</tr>
<tr>
<td>1.57</td>
<td>tiny-xml</td>
</tr>
<tr>
<td>1.58</td>
<td>flutter</td>
</tr>
<tr>
<td>1.59</td>
<td>hunspell</td>
</tr>
<tr>
<td>1.60</td>
<td>solid-practices-composition-core</td>
</tr>
<tr>
<td>1.61</td>
<td>plcrashreporter</td>
</tr>
<tr>
<td>1.62</td>
<td>curl</td>
</tr>
<tr>
<td>1.63</td>
<td>log4net-ext-json</td>
</tr>
<tr>
<td>1.64</td>
<td>blink</td>
</tr>
<tr>
<td>1.65</td>
<td>libvorbis</td>
</tr>
<tr>
<td>1.66</td>
<td>log4net</td>
</tr>
<tr>
<td>1.67</td>
<td>microsoft-xaml-behaviors-wpf</td>
</tr>
<tr>
<td>1.68</td>
<td>ssziparchive</td>
</tr>
<tr>
<td>1.69</td>
<td>curl</td>
</tr>
<tr>
<td>1.70</td>
<td>json-c</td>
</tr>
<tr>
<td>1.71</td>
<td>libpng</td>
</tr>
<tr>
<td>1.72</td>
<td>zlib</td>
</tr>
</tbody>
</table>
1.72.1 Available under license
1.73 libjpeg 6b
  1.73.1 Notifications
  1.73.2 Available under license
1.74 jasper 0.69
  1.74.1 Available under license
1.75 cef 73.0.3683.75
  1.75.1 Available under license
1.76 sqlite 3.32.3
  1.76.1 Available under license
1.77 curl 7.39.0
  1.77.1 Available under license
1.78 solid-practices-ioc 2.2.0
  1.78.1 Available under license
1.79 automapper 5.2.0
  1.79.1 Available under license
1.80 logofx-client-bootstrapping-core 2.0.0
  1.80.1 Available under license
1.81 system-reactive 4.1.5
  1.81.1 Available under license
1.82 libvpx 1.7.0-1676-g9ecc0e779a
  1.82.1 Available under license
1.83 nghttp2 1.39.2
  1.83.1 Available under license
1.84 skia m73
  1.84.1 Available under license
1.85 tidy 5.7.24
  1.85.1 Available under license
1.86 opus 1.3.1
  1.86.1 Available under license
1.87 opencv 4.0.1
  1.87.1 Available under license
1.88 system-reactive-linq 4.1.5
  1.88.1 Available under license
1.89 qt 5.10.1
1.90 websocketpp 0.8.1
  1.90.1 Available under license
1.91 system-threading-tasks-extensions 4.6.27129.04
  1.91.1 Available under license
1.92 sipcc 12.8.0
   1.92.1 Available under license
1.93 libxslt 1.1.34
   1.93.1 Available under license
1.94 pdfium 2.0.15
   1.94.1 Available under license
1.95 sqlite 3.27.1
   1.95.1 Available under license
1.96 expression-interaction 3.0.40218.0
   1.96.1 Available under license
1.97 logofx-client-bootstrapping 2.0.0
   1.97.1 Available under license
1.98 libflac 1.3.2
   1.98.1 Available under license
1.99 nhotkey 1.2.1.0
   1.99.1 Available under license
1.100 json-cpp 0.7.0
   1.100.1 Available under license
1.101 boringssl 3538
   1.101.1 Available under license
1.102 nhotkey-wpf 1.2.1.0
   1.102.1 Available under license
1.103 v8 7.3.492.22
   1.103.1 Available under license
1.104 libtiff 4.0.9
   1.104.1 Available under license
1.105 newtonsoft-json 10.0.3
   1.105.1 Available under license
1.106 zlib 1.2.11
   1.106.1 Available under license
1.107 libpng 1.6.19
   1.107.1 Available under license

1.1 angle 1.0.1
1.1.1 Available under license:

The MIT License (MIT)

Copyright (c) 2015 Javier Cejudo

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

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

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

1.2 libwebp 1.0.2

1.2.1 Available under license:

Copyright (c) 2010, Google Inc. All rights reserved.

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

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

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

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
1.3 microsoft-windowsdesktop-app-ref 4.15

1.3.1 Available under license:

# .NET Core 1.0.0 Contributor List

A big *Thank You* to all who contributed!

Duplicate names are the result of folks making commits under multiple email addresses.

- [CoreCLR](https://github.com/dotnet/coreclr/commits/master?author=jkotas@microsoft.com)
- [CoreFX](https://github.com/dotnet/corefx/commits/master?author=adityam@microsoft.com)
- [Core Tools](https://github.com/dotnet/coretools/commits/master?author=andya@microsoft.com)
- [Core Docs](https://github.com/dotnet/coredocs/commits/master?author=mikem@microsoft.com)
- [WCF](https://github.com/dotnet/wcf/commits/master?author=mitch@microsoft.com)

## CoreCLR

* [Jan Kotas (300)](https://github.com/dotnet/coreclr/commits/master?author=jkotas@microsoft.com)
* [Jan Vorlicek (179)](https://github.com/dotnet/coreclr/commits/master?author=janvorli@microsoft.com)
* [Aditya Mandaleeka (152)](https://github.com/dotnet/coreclr/commits/master?author=adityam@microsoft.com)
* [Mike McLaughlin (143)](https://github.com/dotnet/coreclr/commits/master?author=mikem@microsoft.com)
* [Andy Ayers (119)](https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com)
* [Pat Gavlin (117)](https://github.com/dotnet/coreclr/commits/master?author=pagavlin@microsoft.com)
* [Kyungwoo Lee (111)](https://github.com/dotnet/coreclr/commits/master?author=kyulee@microsoft.com)
* [Matt Ellis (104)](https://github.com/dotnet/coreclr/commits/master?author=matell@microsoft.com)
* [Stephen Toub (104)](https://github.com/dotnet/coreclr/commits/master?author=stoub@microsoft.com)
* [Matt Mitchell (97)](https://github.com/dotnet/coreclr/commits/master?author=mitch@microsoft.com)
* [Kamil Rytarowski (75)](https://github.com/dotnet/coreclr/commits/master?author=n54@gmx.com)
* [Bruce Forstall (74)](https://github.com/dotnet/coreclr/commits/master?author=brucef@microsoft.com)
* [Brian Sullivan (66)](https://github.com/dotnet/coreclr/commits/master?author=briansul@microsoft.com)
* [Geoff Norton (62)](https://github.com/dotnet/coreclr/commits/master?author=grompf@gmail.com)
* [Gaurav Khanna (56)](https://github.com/dotnet/coreclr/commits/master?author=gkhanna@microsoft.com)
* [Richard Lander (56)](https://github.com/dotnet/coreclr/commits/master?author=rlander@microsoft.com)
* [John Chen (54)](https://github.com/dotnet/coreclr/commits/master?author=jochen@microsoft.com)
* [Rama Krishnan Raghupathy (52)](https://github.com/dotnet/coreclr/commits/master?author=ramarag@microsoft.com)
* [Rahul Kumar (49)](https://github.com/dotnet/coreclr/commits/master?author=rahku@microsoft.com)
* [Lubomir Litchev (46)](https://github.com/dotnet/coreclr/commits/master?author=lubol@microsoft.com)
* [Koundinya Veluri (43)](https://github.com/dotnet/coreclr/commits/master?author=kouvel@microsoft.com)
* [Russ Keldorph (43)](https://github.com/dotnet/coreclr/commits/master?author= Russ.Keldorph@microsoft.com)
* [William Godbe (42)](https://github.com/dotnet/coreclr/commits/master?author=william.godbe@comcast.net)
* [Alex Ghiondea (39)](https://github.com/dotnet/coreclr/commits/master?author=ghiondea.alexandru@microsoft.com)
* [wtgodbe (38)](https://github.com/dotnet/coreclr/commits/master?author=wigodbe@microsoft.com)
* [Mike Danes (36)](https://github.com/dotnet/coreclr/commits/master?author=onemihaid@hotmail.com)
* [Sejong Oh (36)](https://github.com/dotnet/coreclr/commits/master?author=sejooh@microsoft.com)
* [Carol Eidt (34)](https://github.com/dotnet/coreclr/commits/master?author=carol.eidt@microsoft.com)
* [Ben Pye (33)](https://github.com/dotnet/coreclr/commits/master?author=ben@curlybracket.co.uk)
* [Eugene Zemtsov (33)](https://github.com/dotnet/coreclr/commits/master?author=Eugene.Zemtsov@microsoft.com)
* [Sean Gillespie (32)](https://github.com/dotnet/coreclr/commits/master?author=segilles@microsoft.com)
* [Brian Robbins (27)](https://github.com/dotnet/coreclr/commits/master?author=brianrobb@microsoft.com)
* [James Ko (27)](https://github.com/dotnet/coreclr/commits/master?author=lanesko@gmail.com)
* [Lakshmi Priya Sekar (27)](https://github.com/dotnet/coreclr/commits/master?author=lasekar@microsoft.com)
* [sivarv (27)](https://github.com/dotnet/coreclr/commits/master?author=sivarv@microsoft.com)
* [Davis Goodin (26)](https://github.com/dotnet/coreclr/commits/master?author=dagood@microsoft.com)
* [jashook (26)](https://github.com/dotnet/coreclr/commits/master?author=jashook@microsoft.com)
* [Jostein Kjönsen (26)](https://github.com/dotnet/coreclr/commits/master?author=jostein@kjonigen.net)
* [Bengu Li (22)](https://github.com/dotnet/coreclr/commits/master?author=beli@microsoft.com)
* [Eugene Rozenfeld (22)](https://github.com/dotnet/coreclr/commits/master?author=erozen@microsoft.com)
* [Geunsik Lim (22)](https://github.com/dotnet/coreclr/commits/master?author=geunsik_lim@samsung.com)
* [Sergiy Kuryata (22)](https://github.com/dotnet/coreclr/commits/master?author=sergeyk@microsoft.com)
* [Myungjoo Ham (21)](https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@samsung.com)
* [Jonghyun Park (20)](https://github.com/dotnet/coreclr/commits/master?author=parjong@gmail.com)
* [Manu (20)](https://github.com/dotnet/coreclr/commits/master?author=manu-silicon@users.noreply.github.com)
* [Fadi Hanna (18)](https://github.com/dotnet/coreclr/commits/master?author=fadim@microsoft.com)
* [Tijoy Tom Kalathiparambil (18)](https://github.com/dotnet/coreclr/commits/master?author=tijoytk@microsoft.com)
* [Yi Zhang (CLR) (18)](https://github.com/dotnet/coreclr/commits/master?author=yzha@microsoft.com)
* [Alexander Kplinger (17)](https://github.com/dotnet/coreclr/commits/master?author=alex.koeplinger@outlook.com)
* [Justin Van Patten (17)](https://github.com/dotnet/coreclr/commits/master?author=jvp@justinvp.com)
* [Maoni0 (17)](https://github.com/dotnet/coreclr/commits/master?author=maonis@microsoft.com)
* [Steve Harter (17)](https://github.com/dotnet/coreclr/commits/master?author=sharter@microsoft.com)
* [Eric Erhardt (16)](https://github.com/dotnet/coreclr/commits/master?author=eric.erhardt@microsoft.com)
* [Peter Jas (15)](https://github.com/dotnet/coreclr/commits/master?author=ncemmon@yahoo.com)
* [Chris McKinsey (14)](https://github.com/dotnet/coreclr/commits/master?author=chrismck@microsoft.com)
* [Jose Perez Rodriguez (14)](https://github.com/dotnet/coreclr/commits/master?author=joperezr@microsoft.com)
* [Richard L Ford (14)](https://github.com/dotnet/coreclr/commits/master?author=richford@microsoft.com)
* [Dmitry-Me (13)](https://github.com/dotnet/coreclr/commits/master?author=wipedout@yandex.ru)
* [Eric Erhardt (13)](https://github.com/dotnet/coreclr/commits/master?author=eric.erhardt@microsoft.com)
* [David Mason (12)](https://github.com/dotnet/coreclr/commits/master?author=davmason@microsoft.com)
* [Hongtao Yu (12)](https://github.com/dotnet/coreclr/commits/master?author=hongtao.yu@microsoft.com)
* [Prajwal A N (12)](https://github.com/dotnet/coreclr/commits/master?author=pra.jwalam@samsung.com)
* [Bruce Bowyer-Smyth (11)](https://github.com/dotnet/coreclr/commits/master?author=bbowyersmyth@live.com.au)
* [Eugene Zemtsov (10)](https://github.com/dotnet/coreclr/commits/master?author=e.zemtsov@gmail.com)
* [Gaurav Khanna (CLR) (10)](https://github.com/dotnet/coreclr/commits/master?author=gaurav.khanna@microsoft.com)
* [Pallavi Taneja (10)](https://github.com/dotnet/coreclr/commits/master?author=pallavit@microsoft.com)
* [Sung-Jae Lee (10)](https://github.com/dotnet/coreclr/commits/master?author=sjlee@mail.com)
* [Tarek Mahmoud Sayed (10)](https://github.com/dotnet/coreclr/commits/master?author=tareksms@microsoft.com)
* [Chase Miller (2)](https://github.com/dotnet/coreclr/commits/master?author=chase@bawxen.net)
* [Eric Eilebrecht (2)](https://github.com/dotnet/coreclr/commits/master?author=eric@coreclr.com)
* [George Sapkin (2)](https://github.com/dotnet/coreclr/commits/master?author=george.sapkin@gmail.com)
* [gitchronik (2)](https://github.com/dotnet/coreclr/commits/master?author=gitchronik@users.noreply.github.com)
* [Jeff Foster (2)](https://github.com/dotnet/coreclr/commits/master?author=jeff.foster@acm.org)
* [Joseph Tremoulet (2)](https://github.com/dotnet/coreclr/commits/master?author=jotreml@microsoft.com)
* [Knaqis (2)](https://github.com/dotnet/coreclr/commits/master?author=Knaqis@users.noreply.github.com)
* [Lucas Meijer (2)](https://github.com/dotnet/coreclr/commits/master?author=lucas@unity3d.com)
* [Marqin (2)](https://github.com/dotnet/coreclr/commits/master?author=marqin.pl+git@gmail.com)
* [Matt Warren (2)](https://github.com/dotnet/coreclr/commits/master?author=matt.warren@live.co.uk)
* [Mikhail Pilin (2)](https://github.com/dotnet/coreclr/commits/master?author=mikhail@pilin.name)
* [Mort Yao (2)](https://github.com/dotnet/coreclr/commits/master?author=mort.yao@gmail.com)
* [noahfalk (2)](https://github.com/dotnet/coreclr/commits/master?author=noahfalk@users.noreply.github.com)
* [papaslavik (2)](https://github.com/dotnet/coreclr/commits/master?author=v.nikolaev@samsung.com)
* [Prem Ramanathan (2)](https://github.com/dotnet/coreclr/commits/master?author=premram@microsoft.com)
* [Ravi Eda (2)](https://github.com/dotnet/coreclr/commits/master?author=raeda@microsoft.com)
* [Sean Gillespie (2)](https://github.com/dotnet/coreclr/commits/master?author=sean.william.g@gmail.com)
* [Sejong Oh (2)](https://github.com/dotnet/coreclr/commits/master?author=sejong.oh.25911@outlook.com)
* [sergey-raevskiy (2)](https://github.com/dotnet/coreclr/commits/master?author=ccik@inbox.ru)
* [shahid-pk (2)](https://github.com/dotnet/coreclr/commits/master?author=shahid.mrd@hotmail.com)
* [shion (2)](https://github.com/dotnet/coreclr/commits/master?author=tishion@users.noreply.github.com)
* [Stephen A. Imhoff (2)](https://github.com/dotnet/coreclr/commits/master?author=clockworkmuse@outlook.com)
* [Vance Morrison (2)](https://github.com/dotnet/coreclr/commits/master?author=vancemorrison@comcast.net)
* [Aaron Bieber (1)](https://github.com/dotnet/coreclr/commits/master?author=aaron@bolldaemon.com)
* [Aditya Mahajan (1)](https://github.com/dotnet/coreclr/commits/master?author=adityam@umich.edu)
* [Alexander Sushilov (1)](https://github.com/dotnet/coreclr/commits/master?author=speshuric@gmail.com)
* [Alexander Vostres (1)](https://github.com/dotnet/coreclr/commits/master?author=alexx999@gmail.com)
* [Alfredo Menendez Sancho (1)](https://github.com/dotnet/coreclr/commits/master?author=alfrimen@microsoft.com)
* [Anders Wenhag (1)](https://github.com/dotnet/coreclr/commits/master?author=anders@wenhag.no)
* [Andreas Strid (1)](https://github.com/dotnet/coreclr/commits/master?author=andreas_strid@bredband.net)
* [Andrew Au (1)](https://github.com/dotnet/coreclr/commits/master?author=andrewau@microsoft.com)
* [Andrew Karpov (1)](https://github.com/dotnet/coreclr/commits/master?author=andrewcarmov@gmail.com)
* [Andrew Stanton-Nurse (1)](https://github.com/dotnet/coreclr/commits/master?author=andrew@andrewnurse.net)
* [Andy Ayers (1)](https://github.com/dotnet/coreclr/commits/master?author=andy@microsoft.com)
* [Arkady Shapkin (1)](https://github.com/dotnet/coreclr/commits/master?author=arkady_s@inbox.ru)
* [Aurojit Panda (1)](https://github.com/dotnet/coreclr/commits/master?author=apanda@cs.berkeley.edu)
* [Ben Gribaudo (1)](https://github.com/dotnet/coreclr/commits/master?author=me@bengribaudo.com)
* [Ben Monroe (1)](https://github.com/dotnet/coreclr/commits/master?author=bendono@users.noreply.github.com)
* [Benjamin Hodgson (1)](https://github.com/dotnet/coreclr/commits/master?author=benjamin.hodgson@huddle.com)
* [Brad Robinson (1)](https://github.com/dotnet/coreclr/commits/master?author=brobinson@toptensoftware.com)
* [Brandon Bloom (1)](https://github.com/dotnet/coreclr/commits/master?author=brandon@evidence.com)
* [Cagri Aslan (1)](https://github.com/dotnet/coreclr/commits/master?author=cagriaslan@Andrews-Mac-mini.local)
* [Carol Eidt (1)](https://github.com/dotnet/coreclr/commits/master?author=caroleidt@outlook.com)
* [Cheryl Simmons (1)](https://github.com/dotnet/coreclr/commits/master?author=cherylws@live.com)
* [Luca (1)](https://github.com/dotnet/coreclr/commits/master?author=luca.duran@hotmail.com)
* [Ludovic Henry (1)](https://github.com/dotnet/coreclr/commits/master?author=ludovic@xamarin.com)
* [Luqun Lou (1)](https://github.com/dotnet/coreclr/commits/master?author=lqunl@microsoft.com)
* [Marcel Gosselin (1)](https://github.com/dotnet/coreclr/commits/master?author=marcel.gosselin@gmail.com)
* [Marcin Badurowicz (1)](https://github.com/dotnet/coreclr/commits/master?author=ktos@ktos.info)
* [Mark Hurd (1)](https://github.com/dotnet/coreclr/commits/master?author=markehurst@gmail.com)
* [Martin (1)](https://github.com/dotnet/coreclr/commits/master?author=krixdev@gmail.com)
* [Matt (1)](https://github.com/dotnet/coreclr/commits/master?author=mmartell@15J8NM1.mi.corp.rockfin.com)
* [Matt Burke (1)](https://github.com/dotnet/coreclr/commits/master?author=git@mattburkedev.com)
* [Matt Johnson (1)](https://github.com/dotnet/coreclr/commits/master?author=matt.johnson@microsoft.com)
* [Matthew Whilden (1)](https://github.com/dotnet/coreclr/commits/master?author=mwhilden@microsoft.com)
* [Mikhail I. Krivtsov (1)](https://github.com/dotnet/coreclr/commits/master?author=m.krivtsov@samsung.com)
* [Mikhail Pilin (1)](https://github.com/dotnet/coreclr/commits/master?author=ww898@users.noreply.github.com)
* [Mili (Yi) Zhang (1)](https://github.com/dotnet/coreclr/commits/master?author=mili.zhang@gmail.com)
* [Mirth Hickford (1)](https://github.com/dotnet/coreclr/commits/master?author=mirth.hickford@gmail.com)
* [mkborg (1)](https://github.com/dotnet/coreclr/commits/master?author=mikhail.krivtsov@gmail.com)
* [mkborg (1)](https://github.com/dotnet/coreclr/commits/master?author=mkborg@users.noreply.github.com)
* [mogemimi (1)](https://github.com/dotnet/coreclr/commits/master?author=mogemimi@enginetrouble.net)
* [Nico Weber (1)](https://github.com/dotnet/coreclr/commits/master?author=nicolasweber@gmx.de)
* [Nicolas Deslandes (1)](https://github.com/dotnet/coreclr/commits/master?author=ndeslandes@live.fr)
* [njy (1)](https://github.com/dotnet/coreclr/commits/master?author=indastria@gmail.com)
* [Noah Falk (1)](https://github.com/dotnet/coreclr/commits/master?author=noahfalk@microsoft.com)
* [Pascal Borreli (1)](https://github.com/dotnet/coreclr/commits/master?author=pascal@borreli.com)
* [Pat Gavlin (1)](https://github.com/dotnet/coreclr/commits/master?author=pagavlin@gmail.com)
* [Patrick Lambert (1)](https://github.com/dotnet/coreclr/commits/master?author=dendory@live.ca)
* [Paulnice (1)](https://github.com/dotnet/coreclr/commits/master?author=ru.pchel@gmail.com)
* [Pavel Pochobut (1)](https://github.com/dotnet/coreclr/commits/master?author=pavel.pochobut@gmail.com)
* [Peter Foley (1)](https://github.com/dotnet/coreclr/commits/master?author=pefoley2@pefoley.com)
* [Peter Marcu (1)](https://github.com/dotnet/coreclr/commits/master?author=Peter.Marcu@Microsoft.com)
* [Prajwal A N (1)](https://github.com/dotnet/coreclr/commits/master?author=prajwal.an92@gmail.com)
* [Rajkumar Janakiraman (1)](https://github.com/dotnet/coreclr/commits/master?author=janakiraman.rajkumar@gmail.com)
* [Rhadley (1)](https://github.com/dotnet/coreclr/commits/master?author=rradley@micorosoft.com)
* [Roman Pavlov (1)](https://github.com/dotnet/coreclr/commits/master?author=romansp@users.noreply.github.com)
* [Ron Cain (1)](https://github.com/dotnet/coreclr/commits/master?author=roncain@microsoft.com)
* [Rony Batista (1)](https://github.com/dotnet/coreclr/commits/master?author=rony.batista29@gmail.com)
* [Rumesh Eranga (1)](https://github.com/dotnet/coreclr/commits/master?author=rehrumesh@users.noreply.github.com)
* [Sasha Semennikov (1)](https://github.com/dotnet/coreclr/commits/master?author=alsemenn@microsoft.com)
* [sbomer (1)](https://github.com/dotnet/coreclr/commits/master?author=sbomer@gmail.com)
* [Scott Harwell (1)](https://github.com/dotnet/coreclr/commits/master?author=scott.harwell.me)
* [Sejong OH (1)](https://github.com/dotnet/coreclr/commits/master?author=sejooh@sejoohbuntu0.guest.corp.microsoft.com)
* [Sergei Vorobev (1)](https://github.com/dotnet/coreclr/commits/master?author=xvorsx@gmail.com)
* [Spencer Stephens (1)](https://github.com/dotnet/coreclr/commits/master?author=spencer.leo.stephens@gmail.com)
* [Stephen Cleary (1)](https://github.com/dotnet/coreclr/commits/master?author=github.ourteddybear@xoxy.net)
* [Thomas Klausner (1)](https://github.com/dotnet/coreclr/commits/master?author=tk@giga.or.at)
* [tijoytom (1)](https://github.com/dotnet/coreclr/commits/master?author=tijoytom.com)
* [Tom Van Looy (1)](https://github.com/dotnet/coreclr/commits/master?author=tom@ctors.net)
* [Val Menn (1)](https://github.com/dotnet/coreclr/commits/master?author=vmenn@microsoft.com)
* [Valery (1)](https://github.com/dotnet/coreclr/commits/master?author=m08pvv@ya.ru)
* [Viacheslav Ivanov (1)](https://github.com/dotnet/coreclr/commits/master?author=viacheslav.ivanov@gmail.com)
* [vkairys (1)](https://github.com/dotnet/coreclr/commits/master?author=kairys.vilius@gmail.com)
* [Wes Haggard (1)](https://github.com/dotnet/coreclr/commits/master?author=weshaggard@users.noreply.github.com)
* [Xiangyang (Mark) Guo (1)](https://github.com/dotnet/coreclr/commits/master?author=xiangyang.guo@intel.com)
* [zhangkaizhao (1)](https://github.com/dotnet/coreclr/commits/master?author=zhangkaizhao@gmail.com)

## CoreFX

* [stephentoub (1298)](https://github.com/dotnet/corefx/commits/master?author=stoub@microsoft.com)
* [Eric St. John (308)](https://github.com/dotnet/corefx/commits/master?author=ericstj@microsoft.com)
* [Hugh Bellamy (291)](https://github.com/dotnet/corefx/commits/master?author=hughbellars@gmail.com)
* [bartonjs (279)](https://github.com/dotnet/corefx/commits/master?author=jbarton@microsoft.com)
* [Jon Hanna (242)](https://github.com/dotnet/corefx/commits/master?author=jon@hackraft.net)
* [Eric Mellino (188)](https://github.com/dotnet/corefx/commits/master?author=erme@microsoft.com)
* [Justin Van Patten (186)](https://github.com/dotnet/corefx/commits/master?author=jvp@justinvp.com)
* [Matt Ellis (178)](https://github.com/dotnet/corefx/commits/master?author=matell@microsoft.com)
* [Nick Guerrera (166)](https://github.com/dotnet/corefx/commits/master?author=nicholg@microsoft.com)
* [Ian Hays (156)](https://github.com/dotnet/corefx/commits/master?author=ianha@microsoft.com)
* [Lakshmi Priya Sekar (150)](https://github.com/dotnet/corefx/commits/master?author=lasekar@microsoft.com)
* [Wes Haggard (146)](https://github.com/dotnet/corefx/commits/master?author=Wes.Haggard@microsoft.com)
* [David Shulman (127)](https://github.com/dotnet/corefx/commits/master?author=david.shulman@microsoft.com)
* [Eric Erhardt (114)](https://github.com/dotnet/corefx/commits/master?author=eric.erhardt@microsoft.com)
* [Eric Eilebrecht (104)](https://github.com/dotnet/corefx/commits/master?author=eric.eilebrecht@hotmail.com)
* [Matt Mitchell (94)](https://github.com/dotnet/corefx/commits/master?author=smmitche@microsoft.com)
* [Maxwel11 (91)](https://github.com/dotnet/corefx/commits/master?author=turin.dmytro@gmail.com)
* [Matt Cohn (90)](https://github.com/dotnet/corefx/commits/master?author=maccn@microsoft.com)
* [Pallavi Taneja (87)](https://github.com/dotnet/corefx/commits/master?author=pallavit@microsoft.com)
* [Christopher Costa (81)](https://github.com/dotnet/corefx/commits/master?author=chcosta@microsoft.com)
* [Alexander Kplinger (72)](https://github.com/dotnet/corefx/commits/master?author=alex.koeplinger@outlook.com)
* [Bart De Smet (71)](https://github.com/dotnet/corefx/commits/master?author=bartde@microsoft.com)
* [Tomas Matousek (69)](https://github.com/dotnet/corefx/commits/master?author=tomas.matousek@microsoft.com)
* [Pat Gavlin (65)](https://github.com/dotnet/corefx/commits/master?author=pgavlin@gmail.com)
* [Andrew Arnott (63)](https://github.com/dotnet/corefx/commits/master?author=andaro@microsoft.com)
* [Khoa Dang (62)](https://github.com/dotnet/corefx/commits/master?author=khoa.Dang@microsoft.com)
* [Cory Rivera (61)](https://github.com/dotnet/corefx/commits/master?author=corivera@microsoft.com)
* [Jonathan Miller (58)](https://github.com/dotnet/corefx/commits/master?author=jonmill@microsoft.com)
* [Charles Lowell (57)](https://github.com/dotnet/corefx/commits/master?author=chlowe@microsoft.com)
* [Atsushi Kanamori (56)](https://github.com/dotnet/corefx/commits/master?author=atsushik@microsoft.com)
* [Saurabh Singh (51)](https://github.com/dotnet/corefx/commits/master?author=saurabh500@gmail.com)
* [Stephen A. Imhoff (50)](https://github.com/dotnet/corefx/commits/master?author=clockwork-muse@outlook.com)
* [Joel Hendrix (48)](https://github.com/dotnet/corefx/commits/master?author=jhendrix@microsoft.com)
* [Krzysztof Wicher (47)](https://github.com/dotnet/corefx/commits/master?author=kwicher@microsoft.com)
* [James Ko (45)](https://github.com/dotnet/corefx/commits/master?author=jesqko@gmail.com)
* [Krzysztof Cwalina (43)](https://github.com/dotnet/corefx/commits/master?author=kcwalina@microsoft.com)
* [Jose Perez Rodriguez (37)](https://github.com/dotnet/corefx/commits/master?author=jkhdang@microsoft.com)
* [Tarek Mahmoud Sayed (37)](https://github.com/dotnet/corefx/commits/master?author=tarekms@microsoft.com)
* [Peter Jas (35)](https://github.com/dotnet/corefx/commits/master?author=peterjas@microsoft.com)
* [Vance Morrison (35)](https://github.com/dotnet/corefx/commits/master?author=vancem@microsoft.com)
* [Christian Pop (34)](https://github.com/dotnet/corefx/commits/master?author=christian.pop@microsoft.com)
* [Taylor Southwick (34)](https://github.com/dotnet/corefx/commits/master?author=tasou@microsoft.com)
* [Shmueli Englard (33)](https://github.com/dotnet/corefx/commits/master?author=shmueli.yosef@englard.net)
* [Davis Goodin (31)](https://github.com/dotnet/corefx/commits/master?author=dagood@microsoft.com)
* [Deepak Shankargouda (31)](https://github.com/dotnet/corefx/commits/master?author=deepak.shankar@microsoft.com)
* [Jeremy Kuhne (30)](https://github.com/dotnet/corefx/commits/master?author=jeremy.kuhne@microsoft.com)
* [vsadov (27)](https://github.com/dotnet/corefx/commits/master?author=vsadov@microsoft.com)
* [Alex Ghiondea (26)](https://github.com/dotnet/corefx/commits/master?author=aghiondea.alexandru@microsoft.com)
* [Hemanth Kapila (24)](https://github.com/dotnet/corefx/commits/master?author=saihemanth@gmail.com)
* [Imm Landwerth (24)](https://github.com/dotnet/corefx/commits/master?author=immol@microsoft.com)
* [Marianna Rios Flores (23)](https://github.com/dotnet/corefx/commits/master?author=mariari@microsoft.com)
* [Shin Mao (20)](https://github.com/dotnet/corefx/commits/master?author=shmao@microsoft.com)
* [Jan Kotas (19)](https://github.com/dotnet/corefx/commits/master?author=jkotas@microsoft.com)
* [Kamil Rytarowski (19)](https://github.com/dotnet/corefx/commits/master?author=n45@gmx.com)
* [Bruce Bowyer-Smyth (18)](https://github.com/dotnet/corefx/commits/master?author=bbowyersmyth@live.com.au)
* [Shruti Garg (18)](https://github.com/dotnet/corefx/commits/master?author=shruti.garg@microsoft.com)
* [Steve Harter (18)](https://github.com/dotnet/corefx/commits/master?author=sharter@microsoft.com)
* [Venkatraman Mahalingam (18)](https://github.com/dotnet/corefx/commits/master?author=vemaha@microsoft.com)
* [Julien Couvreur (17)](https://github.com/dotnet/corefx/commits/master?author=julien.couvreur@gmail.com)
* [Matt Johnson (17)](https://github.com/dotnet/corefx/commits/master?author=matt.johnson@microsoft.com)
* [Rajan Singh (17)](https://github.com/dotnet/corefx/commits/master?author=rajansin@microsoft.com)
* [Sam Harwell (17)](https://github.com/dotnet/corefx/commits/master?author=sharker@tunnelvisionlabs.com)
* [Eric Erhardt (16)](https://github.com/dotnet/corefx/commits/master?author=eerhardt@microsoft.com)
* [MarkPflug (16)](https://github.com/dotnet/corefx/commits/master?author=mark.pflug@live.com)
* [Sridhar Periyasamy (15)](https://github.com/dotnet/corefx/commits/master?author=sridhper@microsoft.com)
* [kkurni (14)](https://github.com/dotnet/corefx/commits/master?author=kkurni@microsoft.com)
* [Jeremy Kuhne (13)](https://github.com/dotnet/corefx/commits/master?author=jkuhne@microsoft.com)
* [Nate Sollow (13)](https://github.com/dotnet/corefx/commits/master?author=naslotto@microsoft.com)
* [Pat Gavlin (13)](https://github.com/dotnet/corefx/commits/master?author=pagavlin@microsoft.com)
* [Patrick McDonald (13)](https://github.com/dotnet/corefx/commits/master?author=paddymcdonald@gmail.com)
* [Tom Matouek (13)](https://github.com/dotnet/corefx/commits/master?author=tmat@users.noreply.github.com)
* [Vijay Kota (13)](https://github.com/dotnet/corefx/commits/master?author=vijayko@microsoft.com)
* [Axel Heer (12)](https://github.com/dotnet/corefx/commits/master?author=axel@heer.eu)
<table>
<thead>
<tr>
<th>Name</th>
<th>Username</th>
<th>Commit Count</th>
</tr>
</thead>
<tbody>
<tr>
<td>Eric Eilebrecht</td>
<td>ericeil</td>
<td>12</td>
</tr>
<tr>
<td>Jared Parsons</td>
<td>jaredpar</td>
<td>12</td>
</tr>
<tr>
<td>Lakshmi Priya</td>
<td>Priya91</td>
<td>12</td>
</tr>
<tr>
<td>Alfredo Menendez Sancho</td>
<td></td>
<td>11</td>
</tr>
<tr>
<td>Bruce Bowyer-Smyth</td>
<td>contact</td>
<td>11</td>
</tr>
<tr>
<td>David Fowler</td>
<td>davidfowl91</td>
<td>11</td>
</tr>
<tr>
<td>James Ko</td>
<td>kojames8111</td>
<td>11</td>
</tr>
<tr>
<td>Jan Henke</td>
<td>Jan.Henke</td>
<td>11</td>
</tr>
<tr>
<td>Koundinya Veluri</td>
<td>kouvel</td>
<td>11</td>
</tr>
<tr>
<td>Matt Galbraith</td>
<td>MattGal</td>
<td>11</td>
</tr>
<tr>
<td>Nate Amundson</td>
<td>naamunds</td>
<td>11</td>
</tr>
<tr>
<td>Peter Marcu</td>
<td>Peter.Marcu</td>
<td>11</td>
</tr>
<tr>
<td>SGuy Ge</td>
<td>sguyge</td>
<td>11</td>
</tr>
<tr>
<td>Thomas Stringer</td>
<td>tr.stringer</td>
<td>11</td>
</tr>
<tr>
<td>Vancem</td>
<td>VanceMorrison</td>
<td>11</td>
</tr>
<tr>
<td>Gaurav Khanna</td>
<td>gkanna</td>
<td>10</td>
</tr>
<tr>
<td><a href="10">kopylov</a></td>
<td><a href="mailto:kopylov@users.noreply.github.com">kopylov@users.noreply.github.com</a></td>
<td>10</td>
</tr>
<tr>
<td><a href="10">Richard Lander</a></td>
<td><a href="mailto:rlander@microsoft.com">rlander@microsoft.com</a></td>
<td>10</td>
</tr>
<tr>
<td><a href="9"><em>aLfa</em></a></td>
<td><a href="mailto:mail@joaodias.eu">mail@joaodias.eu</a></td>
<td>9</td>
</tr>
<tr>
<td><a href="9">Dmitry-Me</a></td>
<td><a href="mailto:wipedout@yandex.ru">wipedout@yandex.ru</a></td>
<td>9</td>
</tr>
<tr>
<td><a href="9">Guillermo Rangel</a></td>
<td><a href="mailto:josra@microsoft.com">josra@microsoft.com</a></td>
<td>9</td>
</tr>
<tr>
<td><a href="9">Matt Mitchell</a></td>
<td><a href="mailto:matchell@outlook.com">matchell@outlook.com</a></td>
<td>9</td>
</tr>
<tr>
<td><a href="9">Wes Haggard</a></td>
<td><a href="mailto:weshaggard@users.noreply.github.com">weshaggard@users.noreply.github.com</a></td>
<td>9</td>
</tr>
<tr>
<td><a href="8">David Kean</a></td>
<td><a href="mailto:davkean@microsoft.com">davkean@microsoft.com</a></td>
<td>8</td>
</tr>
<tr>
<td><a href="8">Frank M</a></td>
<td><a href="mailto:frankmand@outlook.com">frankmand@outlook.com</a></td>
<td>8</td>
</tr>
<tr>
<td><a href="8">Saurabh Singh</a></td>
<td><a href="mailto:sausing@microsoft.com">sausing@microsoft.com</a></td>
<td>8</td>
</tr>
<tr>
<td><a href="7">Dan Moseley</a></td>
<td><a href="mailto:dammose@microsoft.com">dammose@microsoft.com</a></td>
<td>7</td>
</tr>
<tr>
<td><a href="7">Josh Free</a></td>
<td><a href="mailto:joshfree@users.noreply.github.com">joshfree@users.noreply.github.com</a></td>
<td>7</td>
</tr>
<tr>
<td><a href="7">Matt Galbraith</a></td>
<td><a href="mailto:mttgal@microsoft.com">mttgal@microsoft.com</a></td>
<td>7</td>
</tr>
<tr>
<td><a href="7">Pete Onderka</a></td>
<td><a href="mailto:gsvick@gmail.com">gsvick@gmail.com</a></td>
<td>7</td>
</tr>
<tr>
<td><a href="7">richamsft</a></td>
<td><a href="mailto:richas@microsoft.com">richas@microsoft.com</a></td>
<td>7</td>
</tr>
<tr>
<td><a href="6">Ben Bader</a></td>
<td><a href="mailto:ben@bendb.com">ben@bendb.com</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="6">bijones</a></td>
<td><a href="mailto:brandon1.jones@intel.com">brandon1.jones@intel.com</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="6">David Mason</a></td>
<td><a href="mailto:davmason@microsoft.com">davmason@microsoft.com</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="6">Geunskim Lim</a></td>
<td><a href="mailto:geunskim.lim@samsung.com">geunskim.lim@samsung.com</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="6">Marc Wrh</a></td>
<td><a href="mailto:ravage@bluewin.ch">ravage@bluewin.ch</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="6">Parker Shelton</a></td>
<td><a href="mailto:parker.shelton@gmail.com">parker.shelton@gmail.com</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="6">sepidehMS</a></td>
<td><a href="mailto:sekho@microsoft.com">sekho@microsoft.com</a></td>
<td>6</td>
</tr>
<tr>
<td><a href="5">Bernie Schoch</a></td>
<td><a href="mailto:bpschoch@gmail.com">bpschoch@gmail.com</a></td>
<td>5</td>
</tr>
<tr>
<td><a href="5">Eric Eilebrecht</a></td>
<td><a href="mailto:ericeil@microsoft.com">ericeil@microsoft.com</a></td>
<td>5</td>
</tr>
<tr>
<td><a href="5">Hannah Zhang</a></td>
<td><a href="mailto:h-hazhan@microsoft.com">h-hazhan@microsoft.com</a></td>
<td>5</td>
</tr>
<tr>
<td><a href="5">Ioana Crant</a></td>
<td><a href="mailto:ioana.crant@gmail.com">ioana.crant@gmail.com</a></td>
<td>5</td>
</tr>
<tr>
<td><a href="5">Jostein Kjønsgen</a></td>
<td><a href="mailto:jostein@kjonigsen.net">jostein@kjonigsen.net</a></td>
<td>5</td>
</tr>
<tr>
<td><a href="5">Karthik Rajasekaran</a></td>
<td><a href="mailto:karajas@microsoft.com">karajas@microsoft.com</a></td>
<td>5</td>
</tr>
</tbody>
</table>
* [Andrew Schwartzmeyer](https://github.com/dotnet/corefx/commits/master?author=andschwa@microsoft.com)
* [Anubhav Saini](https://github.com/dotnet/corefx/commits/master?author=IAmAnubhavSaini@GMail.com)
* [Arkady Shapkin](https://github.com/dotnet/corefx/commits/master?author=arkadiy_s@inbox.ru)
* [Ashley Mannix](https://github.com/dotnet/corefx/commits/master?author=admin@kodr.com.au)
* [Ben Bader](https://github.com/dotnet/corefx/commits/master?author=ben@getkeepsafe.com)
* [Ben Gribaudo](https://github.com/dotnet/corefx/commits/master?author=me@bengribaudo.com)
* [Benjamin Hodgson](https://github.com/dotnet/corefx/commits/master?author=benjamin.hodgson@huddle.com)
* [Bill Wert](https://github.com/dotnet/corefx/commits/master?author=billwert@microsoft.com)
* [Blanche](https://github.com/dotnet/corefx/commits/master?author=blanche012006@yahoo.ca)
* [BrennanConroy](https://github.com/dotnet/corefx/commits/master?author=brecon@microsoft.com)
* [briangru](https://github.com/dotnet/corefx/commits/master?author=grunk@live.com)
* [Chamila Chulatunga](https://github.com/dotnet/corefx/commits/master?author=chamila.chulatunga@gmail.com)
* [Chris Bohm](https://github.com/dotnet/corefx/commits/master?author=chrisbohm@microsoft.com)
* [Chris Rummel](https://github.com/dotnet/corefx/commits/master?author=crummel@microsoft.com)
* [Daniel Paoliello](https://github.com/dotnet/corefx/commits/master?author=daniel@meta-sys.info)
* [Daniel Plaisted](https://github.com/dotnet/corefx/commits/master?author=daplaist@microsoft.com)
* [Daniel Trebbien](https://github.com/dotnet/corefx/commits/master?author=dtrebbien@gmail.com)
* [David Zucker](https://github.com/dotnet/corefx/commits/master?author=davzucky@hotmail.com)
* [Dimitar Dimitrov](https://github.com/dotnet/corefx/commits/master?author=dimitrov2k@gmail.com)
* [Dmitry Vakylenko](https://github.com/dotnet/corefx/commits/master?author=kremdima@mail.ru)
* [Dmitry Garavsky](https://github.com/dotnet/corefx/commits/master?author=garavskydmitry@gmail.com)
* [Dominic Catherin](https://github.com/dotnet/corefx/commits/master?author=dominic.catherin@gmail.com)
* [Edward Kim](https://github.com/dotnet/corefx/commits/master?author=onward.edkim@gmail.com)
* [Eldar Dordzhiev](https://github.com/dotnet/corefx/commits/master?author=adordzhiev@users.noreply.github.com)
* [Eldar Dordzhiev](https://github.com/dotnet/corefx/commits/master?author=eldardordzhiev@gmail.com)
* [Eli Arbel](https://github.com/dotnet/corefx/commits/master?author=aelij@arbel.net)
* [Eric White](https://github.com/dotnet/corefx/commits/master?author=e-ericwh@microsoft.com)
* [Erik Schierboom](https://github.com/dotnet/corefx/commits/master?author=erik_schierboom@hotmail.com)
* [Erwin Janssen](https://github.com/dotnet/corefx/commits/master?author=erwinjanssen@outlook.com)
* [Gabriel](https://github.com/dotnet/corefx/commits/master?author=developer.gabriel@gmail.com)
* [Gareth Thomas](https://github.com/dotnet/corefx/commits/master?author=gareth.thomas@cdsm.co.uk)
* [Gerald Scott Freeman](https://github.com/dotnet/corefx/commits/master?author=gsfreema@gmail.com)
* [Gerjan](https://github.com/dotnet/corefx/commits/master?author=gkonterman@gmail.com)
* [Gert Driesen](https://github.com/dotnet/corefx/commits/master?author=gert.driesen@telenet.be)
* [Geunsik Lim](https://github.com/dotnet/corefx/commits/master?author=geunsik@samsung.com)
* [Giorgi Dalakishvili](https://github.com/dotnet/corefx/commits/master?author=geonsik@oss.com)
* [Gopal Adhikari](https://github.com/dotnet/corefx/commits/master?author=gopala@email.arizona.edu)
* [Govert van Drimmelen](https://github.com/dotnet/corefx/commits/master?author=govert@icon.co.za)
* [Govind Sahai](https://github.com/dotnet/corefx/commits/master?author=govind@gmail.com)
* [Grzegorz Roniecki](https://github.com/dotnet/corefx/commits/master?author=xaerxess@gmail.com)
* [Guclu Ozturk](https://github.com/dotnet/corefx/commits/master?author=gucluozturk@gmail.com)
* [Ilya Biryukov](https://github.com/dotnet/corefx/commits/master?author=ilbiryuk@microsoft.com)
* [Immo Landwerth](https://github.com/dotnet/corefx/commits/master?author=immo@landwerth.net)
* [Jacobcarpenter](https://github.com/dotnet/corefx/commits/master?author=github@jacobcarpenter.com)
## Core Tools

* [Bryan Thornbury (304)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=brthor@microsoft.com)
* [Sridhar Periyasamy (210)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=sridhper@microsoft.com)
* [Eric Erhardt (196)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com)
* [David Fowler (164)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=davidfowl@gmail.com)
* [piotrp (149)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=piotrp@microsoft.com)
* [Andrew Stanton-Nurse (148)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@andrewnurse.net)
* [Pavel Krymets (107)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=pavel@krymets.com)
* [Senthil (106)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=schellap@microsoft.com)
* [Livar Cunha (78)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=livar@live.com)
* [Zlatko Knezevic (78)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=zlakne@microsoft.com)
* [Krzysztof Wicher (74)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=kwicher@microsoft.com)
* [Troy Dai (66)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=troy.dai@outlook.com)
* [Mihai Codoban (43)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=micodoba@microsoft.com)
* [Matt Ellis (26)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=mattell@microsoft.com)
* [Andy Gocke (25)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=angocke@microsoft.com)
* [Livar Cunha (21)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=livar@live.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0

* [Pranav K (20)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=prkrishn@hotmail.com)
* [Andrew Stanton-Nurse (19)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@stonant-nurse.com)
* [Enrico Sada (19)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=enrico@sada.io)
* [Eric Mellino (16)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=erme@microsoft.com)
* [Eric St. John (16)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=ericstj@microsoft.com)
* [Dan Quirk (13)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=danquirk@microsoft.com)
* [glennc (12)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=glennc@microsoft.com)
* [discostu105 (11)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=c.neumueller@gmail.com)
* [Petr Onderka (11)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=gsvick@gmail.com)
* [Tanner Gooding (11)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=tannergooding@users.noreply.github.com)
* [Gaurav Khanna (10)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=gkhanna@microsoft.com)
* [moozykyk (10)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=pawelka@microsoft.com)
* [Richard Lander (9)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=flander@microsoft.com)
* [Jonathan Miller (8)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jonmill@microsoft.com)
* [Rob Mensching (8)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=rob@firegiant.com)
* [Adam Gorman (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=adamgor@microsoft.com)
* [Lakshan Fernando (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=lakshanf@microsoft.com)
* [MichaelSimons (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=msimons@microsoft.com)
* [Peter Marcu (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=Peter.Marcu@Microsoft.com)
* [Todd Moscinski (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=toddmosc@microsoft.com)
* [Wes Haggard (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=Wes.Haggard@microsoft.com)
* [Ajay Bhargav Baaskaran (6)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajbaaska@microsoft.com)
* [Charles Stoner (6)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=chucks@microsoft.com)
* [Matt Mitchell (6)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=mmitch@microsoft.com)
* [Krzysztof Wicher (5)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=mordotymoja@gmail.com)
* [Austin Wise (4)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=AustinWise@gmail.com)
* [Jared Parsons (3)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpparsons@gmail.com)
* [Justin Emgarten (3)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jjustin@emgarten.com)
* [Nate Amundson (3)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=naamunds@microsoft.com)
* [Rohit Agrawal (3)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=ragraval@microsoft.com)
* [Aditya Mandaleeka (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=adityam@microsoft.com)
* [Bill Wert (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=willwert@microsoft.com)
* [Daniel Dodder (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=dpodder@gmail.com)
* [dasMulli (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=martin.andreas.ullrich@gmail.com)
* [James Ko (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=JamesKo@gmail.com)
* [Jared Parsons (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jaredpar@microsoft.com)
* [Jeremy Meng (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jeremy.ymeng@gmail.com)
* [Joel Verhagen (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jver@microsoft.com)
* [Kevin Jones (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=kevin@vcjones.com)
* [Lee Campbell (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=lee.ryan.campbell@gmail.com)
* [Manish Jeyaswal (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=manishj@microsoft.com)
* [N. Taylor Mullen (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=nimullen@microsoft.com)
* [Peter Schneider (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=office@schneider-netservices.com)
* [rakadria (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=rajesh.kakadia@gmail.com)
* [Victor Hurdagaci (2)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=victor.hurdugaci@microsoft.com)
* [Ajay Bhargav Baaskaran (1)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=ajaybhargavb@gmail.com)
* [Aleksandar Milicevic (1)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=almilic@microsoft.com)
# Core Docs

* [Steve Hoag (195)](https://github.com/dotnet/core-docs/commits/master?author=shoag@microsoft.com)
* [Zlatko Knezevic (61)](https://github.com/dotnet/core-docs/commits/master?author=zlakne@microsoft.com)
* [Bill Wagner (42)](https://github.com/dotnet/core-docs/commits/master?author=bill@thebillwagner.com)
* [Richard Lander (35)](https://github.com/dotnet/core-docs/commits/master?author=rlander@microsoft.com)
* [Tom Dykstra (29)](https://github.com/dotnet/core-docs/commits/master?author=tddykstra@microsoft.com)
* [Beth Massi (28)](https://github.com/dotnet/core-docs/commits/master?author=bethma@microsoft.com)
* [Phillip Carter (26)](https://github.com/dotnet/core-docs/commits/master?author=phillip.carter@outlook.com)
* [matthewreily (24)](https://github.com/dotnet/core-docs/commits/master?author=matthew.reily@interworks.com)
* [rpetrusha (21)](https://github.com/dotnet/core-docs/commits/master?author=ronpet@microsoft.com)
* [Petr Onderka (17)](https://github.com/dotnet/core-docs/commits/master?author=gsvictim@gmail.com)
* [Maira Wenzel (16)](https://github.com/dotnet/core-docs/commits/master?author=mairaw@users.noreply.github.com)
* [Bill Wagner (14)](https://github.com/dotnet/core-docs/commits/master?author=wiwagn@microsoft.com)
* [brady gaster (14)](https://github.com/dotnet/core-docs/commits/master?author=bradyg@microsoft.com)
* [blackdwarf (12)](https://github.com/dotnet/core-docs/commits/master?author=zlakne@zakne-bigun.redmond.corp.microsoft.com)
* [Ken Chen (12)](https://github.com/dotnet/core-docs/commits/master?author=kenchen@microsoft.com)
* [Qinen Zhu (12)](https://github.com/dotnet/core-docs/commits/master?author=qinzhu@microsoft.com)
* [Liangying (7)](https://github.com/dotnet/core-docs/commits/master?author=lianwei@microsoft.com)
* [Steven Das (7)](https://github.com/dotnet/core-docs/commits/master?author=DasAllFolks@users.noreply.github.com)
* [Kemp Brown (5)](https://github.com/dotnet/core-docs/commits/master?author=kemph1@hotmail.com)
* [Daniel Roth (4)](https://github.com/dotnet/core-docs/commits/master?author=danroth27@hotmail.com)
* [Duncan Mackenzie (4)](https://github.com/dotnet/core-docs/commits/master?author=duncanna@microsoft.com)
* [Bertrand Le Roy (3)](https://github.com/dotnet/core-docs/commits/master?author=bertrandleroy@gmail.com)
* [blackdwarf (3)](https://github.com/dotnet/core-docs/commits/master?author=zlakne@zakne-bigun.redmond.corp.microsoft.com)
* [Eric StJohn (3)](https://github.com/dotnet/core-docs/commits/master?author=ericstj@microsoft.com)
* [Kemp Brown (3)](https://github.com/dotnet/core-docs/commits/master?author=kemph1@hotmail.com)
* [Maira Wenzel (3)](https://github.com/dotnet/core-docs/commits/master?author=mairaw@users.noreply.github.com)
* [Scott Hanselman (3)](https://github.com/dotnet/core-docs/commits/master?author=scott@hanselman.com)
* [Usman Prashant Satish (3)](https://github.com/dotnet/core-docs/commits/master?author=anotherkabab@gmail.com)
* [Brett Morrison (2)](https://github.com/dotnet/core-docs/commits/master?author=b@brettmorrison.com)
* [Daniel Plaisted (2)](https://github.com/dotnet/core-docs/commits/master?author=dsplaisted@gmail.com)
* [Jack Fox (2)](https://github.com/dotnet/core-docs/commits/master?author=jackfoxy@gmail.com)
* [Martin Voleric (2)](https://github.com/dotnet/core-docs/commits/master?author=martin@voleric.com)
* [Adam Kinney (1)](https://github.com/dotnet/core-docs/commits/master?author=adkinn@microsoft.com)
* [Adrian Flood (1)](https://github.com/dotnet/core-docs/commits/master?author=ajf2@users.noreply.github.com)
* [Alberto Monteiro (1)](https://github.com/dotnet/core-docs/commits/master?author=alberto.monteiro@live.com)
* [Alex Troshkin (1)](https://github.com/dotnet/core-docs/commits/master?author=alextroshkin@outlook.com)
* [Allan Lindqvist (1)](https://github.com/dotnet/core-docs/commits/master?author=al_3891@hotmail.com)
* [Andrew Arnott (1)](https://github.com/dotnet/core-docs/commits/master?author=andrewarnott@gmail.com)
* [Bertrand Le Roy (1)](https://github.com/dotnet/core-docs/commits/master?author=beleroy@microsoft.com)
* [Bill Wagner (1)](https://github.com/dotnet/core-docs/commits/master?author=bill.w.wagner@outlook.com)
* [Cole Mickens (1)](https://github.com/dotnet/core-docs/commits/master?author=cole.mickens@gmail.com)
* [Dan Moseley (1)](https://github.com/dotnet/core-docs/commits/master?author=danmose@microsoft.com)
* [Danroth27 (1)](https://github.com/dotnet/core-docs/commits/master?author=daroth@microsoft.com)
* [David V. McKay (1)](https://github.com/dotnet/core-docs/commits/master?author=david.v.mckay@gmail.com)
* [Den Delimarsky (1)](https://github.com/dotnet/core-docs/commits/master?author=ddelimarsky@live.com)
* [Doron Grinzaig (1)](https://github.com/dotnet/core-docs/commits/master?author=grdoron@gmail.com)
* [fenxu (1)](https://github.com/dotnet/core-docs/commits/master?author=fenxu@microsoft.com)
* [Giorgio Galante (1)](https://github.com/dotnet/core-docs/commits/master?author=GiorgioG@users.noreply.github.com)
* [Ichengzi (1)](https://github.com/dotnet/core-docs/commits/master?author=ichengzi@users.noreply.github.com)
* [Imran Ku07 (1)](https://github.com/dotnet/core-docs/commits/master?author=imran_ku07@yahoo.com)
* [Isaac Abraham (1)](https://github.com/dotnet/core-docs/commits/master?author=isaac.abraham@live.co.uk)
* [Lewis Kirkaldie (1)](https://github.com/dotnet/core-docs/commits/master?author=lewis.kirkaldie@gmail.com)
* [Martin Woodward (1)](https://github.com/dotnet/core-docs/commits/master?author=martin@dotnetfoundation.org)
* [Matthew Reily (1)](https://github.com/dotnet/core-docs/commits/master?author=me@mattreily.com)
* [Nat Elkins (1)](https://github.com/dotnet/core-docs/commits/master?author=nelkins@acaclient.com)
* [Nate Barbettini (1)](https://github.com/dotnet/core-docs/commits/master?author=nathanaelb@gmail.com)
* [Nate McMaster (1)](https://github.com/dotnet/core-docs/commits/master?author=natemcmaster@users.noreply.github.com)
* [Robin Miller (1)](https://github.com/dotnet/core-docs/commits/master?author=robin.mueller@outlook.de)
* [Ruben Bartelink (1)](https://github.com/dotnet/core-docs/commits/master?author=ruben@bartelink.com)
* [Seandebutts (1)](https://github.com/dotnet/core-docs/commits/master?author=seandemployment@gmail.com)
* [Thiago 'Jedi' Abreu (1)](https://github.com/dotnet/core-docs/commits/master?author=thiagoa7@gmail.com)
* [Ying Hua (1)](https://github.com/dotnet/core-docs/commits/master?author=herohua@users.noreply.github.com)
* [Zhangmm (1)](https://github.com/dotnet/core-docs/commits/master?author=zhangmin6105@qq.com)

## WCF

* [Ron Cain (191)](https://github.com/dotnet/wcf/commits/master?author=roncain@microsoft.com)
* [Jason Pang (176)](https://github.com/dotnet/wcf/commits/master?author=jasonpa@microsoft.com)
* [Stephen Bonikowsky (150)](https://github.com/dotnet/wcf/commits/master?author=stebon@microsoft.com)
* [Matt Connew (80)](https://github.com/dotnet/wcf/commits/master?author=mconnew@microsoft.com)
* [Hongdai (49)](https://github.com/dotnet/wcf/commits/master?author=hongdai@microsoft.com)
* [Eric St. John (41)](https://github.com/dotnet/wcf/commits/master?author=ericstj@microsoft.com)
* [Shin Mao (29)](https://github.com/dotnet/wcf/commits/master?author=shmao@microsoft.com)
* [Zhenlan Wang (16)](https://github.com/dotnet/wcf/commits/master?author=zhenvwa@microsoft.com)
* [Matt Mitchell (14)](https://github.com/dotnet/wcf/commits/master?author=mmitche@microsoft.com)
* [Davis Goodin (12)](https://github.com/dotnet/wcf/commits/master?author=dagood@microsoft.com)
* [Sajay Antony (9)](https://github.com/dotnet/wcf/commits/master?author=sajaya@microsoft.com)
* [Eric Mellino (7)](https://github.com/dotnet/wcf/commits/master?author=erme@microsoft.com)
* [Wes Haggard (7)](https://github.com/dotnet/wcf/commits/master?author=Wes.Haggard@microsoft.com)
* [Christopher Costa (6)](https://github.com/dotnet/wcf/commits/master?author=chcosta@microsoft.com)
* [Dmetzgar (6)](https://github.com/dotnet/wcf/commits/master?author=dmetzgar@microsoft.com)
* [Jason Pang (5)](https://github.com/dotnet/wcf/commits/master?author=iamjasonp@users.noreply.github.com)
* [Joel Hendrix (4)](https://github.com/dotnet/wcf/commits/master?author=jhendrix@microsoft.com)
* [Matt Ellis (4)](https://github.com/dotnet/wcf/commits/master?author=matell@microsoft.com)
* [Khoa Dang (3)](https://github.com/dotnet/wcf/commits/master?author=Khoa.Dang@microsoft.com)
* [Konst Khurin (3)](https://github.com/dotnet/wcf/commits/master?author=kkhurin@microsoft.com)
We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (57)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Mike Lorbetske (39)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Nick Guerrera (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com)
* [John Beisner (28)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com)
* [Eric Erhardt (22)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [William Li (21)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [Livar (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Daniel Plaisted (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com)
* [Rainer Sigwald (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com)
* [Justin Emgarten (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com)
* [Vijay Ramakrishnan (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.com)
* [Ashley Hauck (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com)
* [Kevin Ransom (3)](https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com)
* [Steve Sanderson

---

* [Peter Hsu (3)](https://github.com/dotnet/wcf/commits/master?author=shhsu@microsoft.com)
* [James Ko (2)](https://github.com/dotnet/wcf/commits/master?author=janekko@gmail.com)
* [Mariana Rios Flores (2)](https://github.com/dotnet/wcf/commits/master?author=mariari@microsoft.com)
* [Nick Guerrera (2)](https://github.com/dotnet/wcf/commits/master?author=nicholg@microsoft.com)
* [Davis Goodin (1)](https://github.com/dotnet/wcf/commits/master?author=agood@users.noreply.github.com)
* [Dmitry (1)](https://github.com/dotnet/wcf/commits/master?author=777Eternal777@users.noreply.github.com)
* [Dmitry Turin (1)](https://github.com/dotnet/wcf/commits/master?author=turin.dmytro@gmail.com)
* [Dmitry Vakylenko (1)](https://github.com/dotnet/wcf/commits/master?author=kremdima@mail.ru)
* [Dustin Metzgar (1)](https://github.com/dotnet/wcf/commits/master?author=dmetzgar@users.noreply.github.com)
* [Jan Kotas (1)](https://github.com/dotnet/wcf/commits/master?author=jkotas@microsoft.com)
* [Jose Perez Rodriguez (1)](https://github.com/dotnet/wcf/commits/master?author=joperezr@microsoft.com)
* [Matt Mitchell (1)](https://github.com/dotnet/wcf/commits/master?author=matchell@outlook.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 28
## CoreCLR

* [Brian Robbins (19)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com)
* [wtgodbe (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Steve MacLean, Qualcomm Datacenter Technologies, Inc](9)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Jan Kotas (8)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com)
* [Pat Gavlin (7)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@microsoft.com)
* [Mike McLaughlin (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com)
* [Pat Gavlin (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com)
* [Sergey Andreenko](5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com)
* [Jashook (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com)
* [Swaroop Srithar (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com)
* [Jonghyun Park (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com)
* [Mukul Sabharwal (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com)
* [Drew Scoggins (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [Tarek Mahmoud Sayed](4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Tanner Gooding (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com)
* [Wes Haggard](4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Joseph Tremoulet (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com)
* [Jan Vorlicek (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com)
* [Koundinya Veluri (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Alex Ghiondea](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Davis Goodin](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com)
* [Drew Scoggins](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [Gaurav Khanna](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Jeremy Kuhne](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Justin Van Patten](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com)
* [Stephen Toub](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com)
* [Steve MacLean](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qi.qualcomm.com)
* [Sujin Kim](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com)
* [Karthik Rajasekaran](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karajas@microsoft.com)
* [Jose Perez Rodriguez](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=joperezr@microsoft.com)
* [Igor Kulaychuk](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com)
* [Xiangyang (Mark) Guo](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com)
* [Daniel Podder](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapodd@microsoft.com)
* [Morgan Brown](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com)
* [Russell Hadley](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com)
* [Sebastian Lauber](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=slauber@users.noreply.github.com)

## CoreFX

* [Stephen Toub](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)
* [Hugh Bellamy](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com)
* [Viktor Hofer](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Jarret Shook](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jashoo@microsoft.com)
* [Igor Kulaychuk](https://github.com/dotnet/corefx/commits/release/2.0.0?author=igor.kulaychuk@gmail.com)
* [Xiangyang (Mark) Guo](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiangyang.guo@intel.com)
* [Hugh Bellamy](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com)
* [Viktor Hofer](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Eric St. John](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Dan Moseley](https://github.com/dotnet/corefx/commits/release/2.0.0?author=damose@microsoft.com)
* [Atsushi Kanamori](https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com)
* [Wes Haggard](https://github.com/dotnet/corefx/commits/release/2.0.0?author=wes@wes.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 32

(2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com)
* [Karel Zikmund (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com)
* [Koundinya Veluri (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel1@microsoft.com)
* [Martin Baulig (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com)
* [Dongbo Wang (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dongbow@microsoft.com)
* [Steve Harter (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com)
* [Sven Boemer (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sbomer@gmail.com)
* [Cristian Pop (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com)
* [Tom Matouek (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com)
* [Chris Rummel (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=crummel@microsoft.com)
* [Carol Wang (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com)
* [Vladyslav (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com)
* [Brian Robbins (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com)
* [Anatoly Zhmur (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=azhmur@gmail.com)
* [Justin Van Patten (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com)
* [Joseph Musser (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com)
* [Julien Couvreur (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com)
* [Alex Ghiondea (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com)
* [Matt Connew (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconn@microsoft.com)
* [vsadov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Jason Lin (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com)
* [Robert Anderson (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftyllogic@users.noreply.github.com)
* [Jan Kotas (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com)
* [Gene Lee (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com)
* [Gaurav Khanna (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Eric Erhardt (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Stephen A. Imhoff (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockworkmuse@outlook.com)

## WCF

* [Stephen Bonikowsky (14)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com)
* [Zhenlan Wang (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com)
* [Matt Connew (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconn@microsoft.com)
* [KKhurin (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [Tarek Mahmoud Sayed (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Shin Mao (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com)
* [hongdai (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com)

# Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in
some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## CLI

- [Eric Erhardt (54)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Livar Cunha (45)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Bryan Thornbury (27)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bthor@microsoft.com)
- [Zlatko Knezevic (11)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com)
- [Eric St. John (10)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com)
- [eerhardt (10)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Senthil (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Eric Mellino (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erm@ microsoft.com)
- [Sridhar Periyasamy (9)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com)
- [Matt Ellis (7)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com)
- [schellap (6)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Ryan Nowak (5)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=nowakra@gmail.com)
- [Todd Moscinski (4)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=toddmosc@microsoft.com)
- [Livar (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com)
- [Andrew Stanton-Nurse (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com)
- [Pavel Krymets (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com)
- [Ajay Bhargav Baaskaran (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=a baaska@microsoft.com)
- [Jonathan Miller (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonm mill@microsoft.com)
- [Krzysztof Wicher (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com)
- [Lakshmi Priya Sekar (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=las ekar@microsoft.com)
- [Livar Cunha (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=licavalc@microsoft.com)
- [Piotr Puszkiewicz (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotr p@microsoft.com)
- [Troy Dai (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com)
- [cartermp (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phcarrt@microsoft.com)
- [jtkech (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr)
- [Pranav K (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com)
- [Rohit Agrawal (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ragrawal@microsoft.com)
- [Mark Rendle (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net)
- [Mark Junker (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubarcoder@users.noreply.github.com)
- [Luke Latham (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com)
- [Lakshmi Priya (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com)
- [martin costello (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com)
- [Zhi Li (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com)
- [Daniel Podder (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com)
- [Bill Wert (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com)
- [cartermp (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com)
- [Bryan (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brucedeforstall@gmail.com)
- [jacalvar (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com)
- [Michael Simons (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=msimons@microsoft.com)
- [Petr Onderka (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=petronderka@microsoft.com)
- [Piotr P (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotr@users.noreply.github.com)

## CoreCLR

- [James Ko (53)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jamesqko@gmail.com)
- [Jan Kotas (45)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jkotas@microsoft.com)
- [Pat Gavlin (43)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pagavlin@microsoft.com)
- [Bruce Forstall (38)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=brucefo@microsoft.com)
- [Kyungwoo Lee (33)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kyulee@microsoft.com)
- [wtgodbe (32)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=wigodbe@microsoft.com)
- [Rahul Kumar (32)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rahku@microsoft.com)
- [Aditya Mandaleeka (32)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityam@microsoft.com)
- [Brian Sullivan (26)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=briansul@users.noreply.github.com)
- [Andy Ayers (24)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=andy@users.noreply.github.com)
- [Gaurav Khanna (24)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=gkhanna@microsoft.com)
- [Stephen Toub (23)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=stoub@microsoft.com)
- [Jan Vorlicek (22)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=janvorlicek@microsoft.com)
- [Mike McLoughlin (22)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=miken@microsoft.com)
- [Carol Eidt (21)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=caroleidt@microsoft.com)
- [Jonghyun Park (18)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=parjong@gmail.com)
- [Mike Danes (17)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=omohamid@hotmail.com)
- [Smile Wei (16)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=xiewe@users.noreply.github.com)
- [Ben Adams (16)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=thundercat@illyriad.co.uk)
- [Michelle McDaniel (15)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adisaaida@gmail.com)
- [Prajwal A N (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pra@users.noreply.github.com)
- [Fadi Hanna (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=fadim@microsoft.com)
- [Peter Jas (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pecaslon@users.noreply.github.com)
- [Rama Krishnan Raghupathy](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ramarag@microsoft.com)
- [Lakshmi Priya Sekar](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lasekar@microsoft.com)
- [Justin Van Patten](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jvp@justinvp.com)
- [Eric Mellino](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erme@microsoft.com)
- [Sean Gillespie](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=segilles@microsoft.com)
- [Matt Mitchell](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mmitche@microsoft.com)
- [Russ Keldorph](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com)
- [Koundinya Veluri](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rietd@microsoft.com)
- [John Chen](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com)
- [Sung-Jae Lee](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sjlee@naver.com)
- [Evgeny Pavlov](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=epavlov@samsung.com)
- [Maoni0](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com)
- [Matt Ellis](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matell@microsoft.com)
- [Evgeny Pavlov](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lucenticus@gmail.com)
- [Pat Gavlin](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pvgavlin@gmail.com)
- [jashoo](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com)
- [Alex Ghiondea](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com)
- [Swaroop Sridhar](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=swaroops@microsoft.com)
- [Jose Perez Rodriguez](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joperezr@att.com)
- [Geunsik Lim](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=leemgs@users.noreply.github.com)
- [Joseph Tremoulet](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jotremsi@microsoft.com)
- [Hanjoung Lee](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hanjoung.lee@samsung.com)
- [Aditya Mandaleeka](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityamandaleeka@users.noreply.github.com)
- [chunseoklee](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chunseoklee@naver.com)
- [Petr Onderka](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=psvick@gmail.com)
- [Vance Morrison](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancem Morrison@comcast.net)
- [Tarek Mahmoud Sayed](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tareksms@microsoft.com)
- [MyungJoo Ham](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@gmail.com)
- [John Chen (CLR)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@users.noreply.github.com)
- [Kshama Pawar](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kspawa@microsoft.com)
- [Hyung-Kyu Choi](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hqueue@users.noreply.github.com)
- [Lakshmi Priya](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Priya91@users.noreply.github.com)
- [Sejong Oh](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sejooh@microsoft.com)
- [David Mason](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=davmason@microsoft.com)
- [Jarret Shook](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com)
- [Wes Haggard](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=whaggard@microsoft.com)
- Deepak Shankargouda
- Jostein Kjøngsen
- Vinnyrom
- Sasha Semennikov
- Hyo-geun Oh
- Rich Lander
- ukasz Domeradzki
- Adam Speight
- Andrey Kvochko
- Atsushi Kanamori
- Austin Wise
- Barry Dorrans
- Bryan Arant
- Bryan P. Arant
- Chris McKinsey
- Daniel Podder
- Davis Goodin
- Dmitri Botcharchnikov
- Evgeniy Devyatkin
- Guo Xiao
- Hyo-geun Oh
- James Singleton
- Jarret Shook
- Jeremy Kuhne
- Jim Ma
- Jiyoung Giuliana Yun
- Jiyoung Yun
- John Soklaski
- John Chen
- Jonathan Miller
- Jose Manuel Heredia Hidalgo
## CoreFX

- [Stephen Toub (179)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com]
- [Eric St. John (88)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com]
- [Shin Mao (62)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shmao@microsoft.com]
- [Hugh Bellamy (57)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hughbellars@gmail.com]
- [Jeremy Barton (38)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jbarton@microsoft.com]
- [Lakshmi Priya Sekar (33)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lasekar@microsoft.com]
- [Eric Mellino (33)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=erme@microsoft.com]
- [Ian Hays (29)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ianha@microsoft.com]
- [Tom Matouek (27)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tmat@users.noreply.github.com]
- [James Ko (27)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=îamesqko@gmail.com]
- [Justin Van Patten (23)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jvp@justinvp.com]
- [Matt Ellis (22)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=matell@microsoft.com]
- [David Shulman (18)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=david.shulman@microsoft.com]
- [Jon Hanna (17)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jon@hackcraft.net]
- [Karthik Rajasekaran (15)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=karajas@microsoft.com]
- [Bart De Smet (14)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bartde@microsoft.com]
- [Wes Haggard (14)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com]
- [Mariana Rios Flores (13)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mariari@microsoft.com]
- [Eric Eilebrecht (12)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@users.noreply.github.com]
- [Davis Goodin (12)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dagood@microsoft.com]
- [Petr Onderka (11)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gsvick@gmail.com]
- [Joel Hendrix (11)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jhendrix@microsoft.com]
- [Julien Couvreur (11)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=juilien.couvreur@gmail.com]
- [Gaurav Khanna (10)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gkhanna@microsoft.com]
- [Cristian Pop (10)][https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Cristian.Pop@microsoft.com]
- [Deepak Shankargouda]
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0

- [Tomas Matousek](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tomas.matousek@microsoft.com)
- [Cory Rivera](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=corivera@microsoft.com)
- [Christopher Costa](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=chcosta@microsoft.com)
- [Jose Perez Rodriguez](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joperezr@microsoft.com)
- [Saurabh Singh](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saurabh500@gmail.com)
- [chcosta](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=chcosta@microsoft.com)
- [Hyeongseok Oh](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hseok82.oh@smasung.com)
- [Prajwal A N](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=prajwal@samsung.com)
- [Matt Galbraith](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mattgal@microsoft.com)
- [Eric Eilebrecht](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@hotmail.com)
- [Tijoy Tom Kalathiparambil](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tijoytk@microsoft.com)
- [SGuy Ge](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sguyge@microsoft.com)
- [Denis Istinomi](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=istomin.den@gmail.com)
- [Sung-Jae Lee](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjlee@mail.com)
- [Huanwu](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com)
- [Jan Kotas](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jkotas@microsoft.com)
- [vitek.karas](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vitek.karas@microsoft.com)
- [Davis Goodin](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dagood@users.noreply.githubusercontent.com)
- [Matt Connew](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mconnew@microsoft.com)
- [Matt Mitchell](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mmitche@microsoft.com)
- [Khoa Dang](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Khoa.Dang@microsoft.com)
- [Dmitri Botcharnikov](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dmitry.b@samsung.com)
- [Matt Galbraith](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=MattGal@users.noreply.githubusercontent.com)
- [Stephen A. Imhoff](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=clockworkmuse@outlook.com)
- [Andrew Au](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=andrewau@microsoft.com)
- [Andrew Stanton-Nurse](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=andrew@andrewnurse.net)
- [Jeremy Kuhne](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jerey.kuhne@microsoft.com)
- [Atsushi Kanamori](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=atsushik@microsoft.com)
- [Tarek Mahmoud Sayed](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com)
- [jsujuin.kim](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jsujuin.kim@samsung.com)
- [Jonghyun Park](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=parjong@gmail.com)
- [Tanner Gooding](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tagoo@outlook.com)
- [David Mason](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=davmason@microsoft.com)
- [Thomas Stringer](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tr.stringer@outlook.com)
- [Vance Morrison](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vancem@microsoft.com)
- [Vance Morrison](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vancem@microsoft.com)
Open Source Used In Webex Teams Desktop Client

EFT-b 3.0.15894.0  41

- [Bret Ambrose (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bambrose@amazon.com)
- [bjjones (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=brandon1.jones@intel.com)
- [Jiyoung Yun (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jy910.yun@samsung.com)
- [louluqun (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=louluqun@hotmail.com)
- [maririos (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mariari@microsoft.com)
- [Alex Ghiondea (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com)
- [Andy Gocke (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=angocke@microsoft.com)
- [stephentoub (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stoub@microsoft.com)
- [Lakshmi Priya (2)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Priya91@users.noreply.github.com)
- [ukasz Domeradzki (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=JustArchi@users.noreply.github.com)
- [Alexander Kozlenko (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alexander.kozlenko@live.com)
- [Andrew Peters (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=anpete@microsoft.com)
- [Anthony van der Hoorn (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=anthony.vanderhoorn@gmail.com)
- [Austin Wise (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=AustinWise@gmail.com)
- [Barry Dorrans (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com)
- [Ben Adams (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=thundercat@illyriad.co.uk)
- [Bruce Bowyer-Smyth (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bbowyersmyth@live.com.au)
- [Bryan P. Arant (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bryanar@microsoft.com)
- [Chickenzilla (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Chickenzilla@users.noreply.github.com)
- [Christian Weiss (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=christian@chwe.at)
- [Cristian Pop (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=CIPop@users.noreply.github.com)
- [Daniel Plaisted (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dsplaisted@gmail.com)
- [David Sherret (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dsherret@gmail.com)
- [David Zucker (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=davzucky@hotmail.com)
- [Dmitri-Botcharnikov (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dmitry.b@samsung.com)
- [Dmitry-Me (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=wipedout@yandex.ru)
- [Dylan Borg (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=borgdylan@hotmail.com)
- [Eric Eilebrecht (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericel@milicrosoft.com)
- [Eric StJohn (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericstj@microsoft.com)
- [Evgeny Pavlov (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=e.pavlov@samsung.com)
- [Evgeny Pavlov (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lucenticus@gmail.com)
- [Gene Lee (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gelee@microsoft.com)
- [Hyengseok Oh (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hseok82.oh@samsung.com)
- [Immo Landwerth (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=immo@milicrosoft.com)
- [Jason Pang (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jasonpa@microsoft.com)
- [Josh Free (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joshfree@microsoft.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 42

(1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joshfree@users.noreply.github.com)
- [Jostein Kjønigsen (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jostein@kjjonigen.net)
- [Julien (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jcouv@users.noreply.github.com)
- [Koundinya Veluri (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=kouvel@microsoft.com)
- [Maira Wenzel (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mairaw@users.noreply.github.com)
- [Marek (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=GitHub@marekfiser.cz)
- [Mark Junker (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=fubar-coder@users.noreply.github.com)
- [Oren Novotny (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=oren@novotny.org)
- [Peter (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmom@yahoo.com)
- [Peter Jas (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=necmom@yahoo.com)
- [R. Fontenot (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=robwobbol@gmail.com)
- [Rainer Sigwald (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=raines@microsoft.com)
- [Rama Krishnan Ragupathy (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ramarag@microsoft.com)
- [Rich Lander (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=flander@microsoft.com)
- [Russ Keldorph (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com)
- [SaeHie Park (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saehie.park@samsung.com)
- [Shahriar Gholami (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shrgholami@gmail.com)
- [Stephen Bonikowsky (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stebon@microsoft.com)
- [Steve Harter (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=steveharter@users.noreply.github.com)
- [Tanner Gooding (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tgooo@microsoft.com)
- [Tarekm Mahmoud Sayed (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com)
- [VSadov (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vsadov@microsoft.com)
- [Wes Haggard (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com)
- [Yi Zhang (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yzha@microsoft.com)
- [Yongsønp Kim (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yonis.kim@samsung.com)
- [alkurian (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alkurian@microsoft.com)
- [alphoneusekiran (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alphoneusekiran@icloud.com)
- [dotnet bot (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dotnet-bot@microsoft.com)
- [huanwu@microsoft.com (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com)
- [jarenduan (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jarenduan@gmail.com)
- [mkborg (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mkborg@users.noreply.github.com)
- [mlacouture (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mlacouture@msn.com)
- [sichbo (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@senexx.com)
- [sjsujinikim (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com)
- [steveharter (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sharter@microsoft.com)
- [sxmichael (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=michael@senexx.com)
- [yfakariya (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yfakariya@gmail.com)
- [Aditya Mandaleeka (1)[](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@senexx.com)
## WCF

- [Stephen Bonikowsky (59)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=stebon@microsoft.com)
- [Ron Cain (48)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=roncain@microsoft.com)
- [Jason Pang (42)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasonpa@microsoft.com)
- [Matt Connew (23)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com)
- [hongdai (16)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=hongdai@microsoft.com)
- [Eric St. John (14)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=ericstj@microsoft.com)
- [Zhenlan Wang (5)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=zhenlwa@microsoft.com)
- [Jason Pang (4)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=iamjasonp@users.noreply.github.com)
- [Eric Mellino (2)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=erme@microsoft.com)
- [Matt (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnew@microsoft.com)
- [Joel Hendrix (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jhendrix@microsoft.com)
- [Barry Dorrans (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com)
- [Matt Ellis (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=matell@microsoft.com)
- [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com)

# Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```
bash
```git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15```
```
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (78)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com)
* [jbeisner (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
* [Peter Huene (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com)
* [Nate McMaster (46)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com)
* [Livar (44)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com)
* [John Beisner (42)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
* [Nick Guerrera (36)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nicholg@microsoft.com)
* [William Lee (33)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
* [William Li (22)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
* [Andy Gerlicher (18)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=angerlic@microsoft.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 45

(1) https://github.com/dotnet/cli/commits/release/2.1.3xx?author=33230602+kasper3@users.noreply.github.com
* [test (1)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=test@net-dale.guest.corp.microsoft.com)
* [v-mdriml (1)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-mdriml@microsoft.com)
* [Steve MacLean (1)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sdmaclea.qdt@qualcommdatacenter.com)
* [Steve Harter (1)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=steveharter@users.noreply.github.com)
* [Sean Peters (1)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=sepeters@microsoft.com)
* [Rohit Agrawal (NUGET)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=ragrawal@microsoft.com)
* [Yanchen Wu (1)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=yanchenw@microsoft.com)

## CoreCLR

* [Tanner Gooding (151)](https://github.com/dotnet/coreclr/commits/release/2.1?author=tagoo@outlook.com)
* [Jan Kotas (124)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jkotas@microsoft.com)
* [Bruce Forstall (94)](https://github.com/dotnet/coreclr/commits/release/2.1?author=brucefo@microsoft.com)
* [Steve MacLean (69)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com)
* [Fei Peng (66)](https://github.com/dotnet/coreclr/commits/release/2.1?author=fei.peng@intel.com)
* [Stephen Toub (56)](https://github.com/dotnet/coreclr/commits/release/2.1?author=stoub@microsoft.com)
* [Sergey Andreenko (52)](https://github.com/dotnet/coreclr/commits/release/2.1?author=seandree@microsoft.com)
* [Carol Eidt (50)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Carol.Eidt@microsoft.com)
* [Ahson Khan (44)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ahkhia@microsoft.com)
* [Brian Robbins (35)](https://github.com/dotnet/coreclr/commits/release/2.1?author=brianrob@microsoft.com)
* [Ben Adams (35)](https://github.com/dotnet/coreclr/commits/release/2.1?author=thundercat@illyriad.co.uk)
* [Brian Sullivan (33)](https://github.com/dotnet/coreclr/commits/release/2.1?author=briansul@microsoft.com)
* [Andy Ayers (32)](https://github.com/dotnet/coreclr/commits/release/2.1?author=andya@microsoft.com)
* [Jacek Blaszczyński (30)](https://github.com/dotnet/coreclr/commits/release/2.1?author=biosciencenow@outlook.com)
* [Egor Chesakov (29)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Egor.Chesakov@microsoft.com)
* [Michal Strehovsky (25)](https://github.com/dotnet/coreclr/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com)
* [Jan Vorlicek (24)](https://github.com/dotnet/coreclr/commits/release/2.1?author=janvorli@microsoft.com)
* [Anirudh Agnihotry (23)](https://github.com/dotnet/coreclr/commits/release/2.1?author=anirudhagnihotry098@gmail.com)
* [Koundinya Veluri (22)](https://github.com/dotnet/coreclr/commits/release/2.1?author=kouvel@users.noreply.github.com)
* [Juan Carlos Aguiler Mendez (21)](https://github.com/dotnet/coreclr/commits/release/2.1?author=juanmar@microsoft.com)
* [Michelle McDaniel (19)](https://github.com/dotnet/coreclr/commits/release/2.1?author=adiaaida@gmail.com)
* [Sung Yoon Whang (19)](https://github.com/dotnet/coreclr/commits/release/2.1?author=suwhang@microsoft.com)
* [David Mason (17)](https://github.com/dotnet/coreclr/commits/release/2.1?author=davmason@microsoft.com)
* [Mike McLaughlin (17)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mikem@microsoft.com)
* [Matt Mitchell (17)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mmitch@microsoft.com)
* [Wes Haggard (15)](https://github.com/dotnet/coreclr/commits/release/2.1?author=Wes.Haggard@microsoft.com)
Open Source Used In Webex Teams Desktop Client

EFT-b 3.0.15894.0

47

* [Maoni Stephens](https://github.com/dotnet/coreclr/commits/release/2.1?author=Maoni0@users.noreply.github.com)  
* [wtgodbe (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=wigodbe@microsoft.com)  
* [Alex (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=cod7alex@gmail.com)  
* [Alfred Myers](https://github.com/dotnet/coreclr/commits/release/2.1?author=alfredmyers@users.noreply.github.com)  
* [Andon Andonov (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=anandono@microsoft.com)  
* [Atanu (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=RoyAtanu@users.noreply.github.com)  
* [Bruno Tagliapietra](https://github.com/dotnet/coreclr/commits/release/2.1?author=bruno.tagliapietra@gmail.com)  
* [Cesar Soares Lucas (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=disoares@microsoft.com)  
* [Igor Kulaychuk (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=igor.kulaychuk@gmail.com)  
* [Jarret Shook (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jashoo@microsoft.com)  
* [Levi Broderick](https://github.com/dotnet/coreclr/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com)  
* [Mandar Sahasrabuddhe](https://github.com/dotnet/coreclr/commits/release/2.1?author=WinCPP@users.noreply.github.com)  
* [Matt Galbraith (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mattgal@microsoft.com)  
* [Matt Warren (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=matt.warren@live.co.uk)  
* [Phil Garcia (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=phil@thinkedge.com)  
* [Ricardo Arenas (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=riarenas@microsoft.com)  
* [Russ Keldorph (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=russ.keldorph@microsoft.com)  
* [Sergey Ignatov (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sergign60@mail.ru)  
* [Sven Boemer (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sbomer@gmail.com)  
* [chcosta (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=chcosta@microsoft.com)  
* [gbalykov (2)](https://github.com/dotnet/coreclr/commits/release/2.1?author=g.balykov@samsung.com)  
* [kasper3](https://github.com/dotnet/coreclr/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com)  
* [Jon Hanna (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jon@hackcraft.net)  
* [Jingyu Ma (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mazong1123@gmail.com)  
* [Jeremy Meng (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=yumeng@microsoft.com)  
* [Nobuyuki Iwanaga (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ufcpp@live.jp)  
* [Omair Majid (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=omajid@redhat.com)  
* [Pent Ploompuu (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=kaalikas@gmail.com)  
* [Petar Petrov (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=petarpetrov@gmail.com)  
* [Jeff Schwartz (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jeffschw@microsoft.com)  
* [Adam Stark (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=llamadonica@gmail.com)  
* [Rex Morgan (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=rex@rexflex.net)  
* [Alexander Soldatov (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=soldatov.a@samsung.com)  
* [Roman Arteev (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=rartemev@microsoft.com)  
* [Ruben Ayrapetyan (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ruben-ayrapetyan@users.noreply.github.com)  
* [Hyeongseok Oh (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=hseok82.oh@samsung.com)  
* [Adam Sitnik (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=adam.sitnik@microsoft.com)  
* [Russell Cohen (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=russell.r.cohen@gmail.com)  
* [Hugh Zabriskie (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=hugh.zabriskie@gmail.com)
## CoreFX

* [Sean Gillespie (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=sean@pulumi.com)
* [Gnther Foidl (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=gue@korporal.at)
* [Frank Gambino (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=frank@daringdev.com)
* [Aditya Mandaleeka (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=adityamandaleeka@users.noreply.github.com)
* [Eric SjJohn (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ericstj@microsoft.com)
* [David Nissimoff (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=davidn@micrsoft.com)
* [David Fowler (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=davidfowl@gmail.com)
* [mlabiuk (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=35769704+mlabiuk@users.noreply.github.com)
* [Szabolcs Dzsi (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=dezsiszabi@users.noreply.github.com)
* [Daniel Harvey (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=dharvey@microsoft.com)
* [Conrad Meyer (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=conrad.meyer@microsoft.com)
* [Colin Green (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=colin.green1@gmail.com)
* [Tomas Weinfurt (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=tweinfurt@yahoo.com)
* [Vance Morrison (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=vancem@microsoft.com)
* [Chris Sienkiewicz (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=chris.sienkiewicz@microsoft.com)
* [Tomas Weinfurt (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=tweinfurt@yahoo.com)
* [Chad Nedzlek (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=chadnedz@microsoft.com)
* [Victor Zaytsev (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=allisq3@gmail.com)
* [Buyduck (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ivan.vagin@partner.samsung.com)
* [Bruce Bowyer-Smyth (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=bbowyersmyth@live.com.au)
* [Wes Haggard (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=weshaggard@users.noreply.github.com)
* [Anton Lapounov (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=anton.lapounov@microsoft.com)
* [Zhukov Maxim (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=my.fsou1@gmail.com)
* [antofik (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=anton.lapounov@microsoft.com)
* [nietras (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=nietras@users.noreply.github.com)
* [chunseoklee (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=chunseoklee@naver.com)
* [crntn (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=c.pescheloche@criteo.com)
* [dannosemsft (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=danmose@microsoft.com)
* [Andrew Marino (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=aymarino@umich.edu)
* [Maira Wenzel (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mairaw@microsoft.com)
* [Marek Safar (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=marek.safar@gmail.com)
* [Martin Andersen (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=martin.andersen@outlook.com)
* [Kyungwoo Lee (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=kyulee@microsoft.com)
* [Alfred Myers (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=git@alfredmymers.com)
* [Krzysztof Wicher (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=mordotymoja@gmail.com)
* [Alexandre Teoi (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=ateoi@users.noreply.github.com)
* [Kevin Gosse (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=krix33@gmail.com)
* [Karthik Rajasekaran (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=krix33@gmail.com)
* [Jiri {x2} Cincura (1)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jiri@cincura.net)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 48
* [Stephen Toub (274)](https://github.com/dotnet/corefx/commits/release/2.1?author=stoub@microsoft.com)
* [Jan Kotas (179)](https://github.com/dotnet/corefx/commits/release/2.1?author=jkotas@microsoft.com)
* [Ahson Khan (99)](https://github.com/dotnet/corefx/commits/release/2.1?author=ahkha@microsoft.com)
* [Anirudh Agnihotry (74)](https://github.com/dotnet/corefx/commits/release/2.1?author=anirudhagnihotry098@gmail.com)
* [Geoff Kizer (65)](https://github.com/dotnet/corefx/commits/release/2.1?author=geoffreik)
* [Wes Haggard (62)](https://github.com/dotnet/corefx/commits/release/2.1?author=Wes.Haggard@microsoft.com)
* [Jeremy Kuhne (58)](https://github.com/dotnet/corefx/commits/release/2.1?author=jeremy.kuhne@microsoft.com)
* [Jon Hanna (57)](https://github.com/dotnet/corefx/commits/release/2.1?author=jon@hackcraft.net)
* [Dan Moseley (57)](https://github.com/dotnet/corefx/commits/release/2.1?author=damose@microsoft.com)
* [Maryam Ariyan (45)](https://github.com/dotnet/corefx/commits/release/2.1?author=maryam.ariyan@microsoft.com)
* [Tomas Weinfurt (43)](https://github.com/dotnet/corefx/commits/release/2.1?author=tweinfurt@yahoo.com)
* [Ben Adams (42)](https://github.com/dotnet/corefx/commits/release/2.1?author=thundercat@illyriad.co.uk)
* [Paulo Janotti (41)](https://github.com/dotnet/corefx/commits/release/2.1?author=pauloja@microsoft.com)
* [Eric St. John (39)](https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com)
* [Jeremy Barton (24)](https://github.com/dotnet/corefx/commits/release/2.1?author=jbarton@microsoft.com)
* [Atsushi Kanamori (34)](https://github.com/dotnet/corefx/commits/release/2.1?author=AtsushiKan@users.noreply.github.com)
* [Viktor Hofer (34)](https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@microsoft.com)
* [Lakshmi Priya Sekar (33)](https://github.com/dotnet/corefx/commits/release/2.1?author=lasekar@microsoft.com)
* [Marco Rossignoli (33)](https://github.com/dotnet/corefx/commits/release/2.1?author=marco.rossignoli@gmail.com)
* [Tarek Mahmoud Sayed (31)](https://github.com/dotnet/corefx/commits/release/2.1?author=tarekms@microsoft.com)
* [ntr (31)](https://github.com/dotnet/corefx/commits/release/2.1?author=ntr@ihfood.dk)
* [Tom Deseyn (26)](https://github.com/dotnet/corefx/commits/release/2.1?author=tom.deseyn@gmail.com)
* [Caesar Chen (25)](https://github.com/dotnet/corefx/commits/release/2.1?author=caesar1995@users.noreply.github.com)
* [Santiago Fernandez Madero (25)](https://github.com/dotnet/corefx/commits/release/2.1?author=safern@microsoft.com)
* [Max Kerr (24)](https://github.com/dotnet/corefx/commits/release/2.1?author=rmkerr@users.noreply.github.com)
* [Pavel Krymets (22)](https://github.com/dotnet/corefx/commits/release/2.1?author=pavel@krymets.com)
* [Ian Hays (19)](https://github.com/dotnet/corefx/commits/release/2.1?author=ianha@microsoft.com)
* [Saurabh Singh (17)](https://github.com/dotnet/corefx/commits/release/2.1?author=saurabh500@users.noreply.github.com)
* [Jose Perez Rodriguez (17)](https://github.com/dotnet/corefx/commits/release/2.1?author=joperezr@microsoft.com)
* [Brian Robbins (17)](https://github.com/dotnet/corefx/commits/release/2.1?author=brianrob@microsoft.com)
* [Alex Perovich (16)](https://github.com/dotnet/corefx/commits/release/2.1?author=alperovi@microsoft.com)
* [Eric Erhardt (16)](https://github.com/dotnet/corefx/commits/release/2.1?author=eric.erhardt@microsoft.com)
* [Matt Galbraith (15)](https://github.com/dotnet/corefx/commits/release/2.1?author=mattgal@microsoft.com)
* [Jan Vorlicek (15)](https://github.com/dotnet/corefx/commits/release/2.1?author=janvorli@microsoft.com)
* [Michal Strehovsk (14)](https://github.com/dotnet/corefx/commits/release/2.1?author=MichalStrehovsky@users.noreply.github.com)
* [Huangli Wu (14)](https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com)
* [Ahson Khan (13)](https://github.com/dotnet/corefx/commits/release/2.1?author=ahson_ahmedk@yahoo.com)
* [Xing Mao (12)](https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com)
* [Karel Zikmund (12)](https://github.com/dotnet/corefx/commits/release/2.1?author=karelz@microsoft.com)
* [Krzysztof Wicher (12)](https://github.com/dotnet/corefx/commits/release/2.1?author=mordotymoja@gmail.com)
* [Justin Van Patten (12)](https://github.com/dotnet/corefx/commits/release/2.1?author=jvp@justinmoja@gmail.com)
* [Viktor Hofer (11)](https://github.com/dotnet/corefx/commits/release/2.1?author=viktor.hofer@outlook.com)
* [Steve MacLean (11)](https://github.com/dotnet/corefx/commits/release/2.1?author=sdmaclea.qdt@qualcommdatacenter.com)
* [Matt Mitchell (11)](https://github.com/dotnet/corefx/commits/release/2.1?author=mmitchel@ microsoft.com)
* [Tanner Gooding (10)](https://github.com/dotnet/corefx/commits/release/2.1?author=tagoo@outlook.com)
* [wtgodbe (10)](https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@ microsoft.com)
* [Wes Haggard (10)](https://github.com/dotnet/corefx/commits/release/2.1?author=weshaggard@users.noreply.github.com)
* [David Shulman (10)](https://github.com/dotnet/corefx/commits/release/2.1?author=david.shulman@microsoft.com)
* [Jiayi Yu (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=14067510+yujayee@users.noreply.github.com)
* [David Fowler (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=davidfowl@gmail.com)
* [Tom Matouek (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=tomat@users.noreply.github.com)
* [Koundinya Veluri (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=kouvel@users.noreply.github.com)
* [Levi Broderick (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=GrabYourPitchforks@users.noreply.github.com)
* [Gene Lee (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=gelee@microsoft.com)
* [Geoff Kizer (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=geoffrek@microsoft.com)
* [Tim Seaward (9)](https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com)
* [William Godbe (8)](https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com)
* [John Doe (8)](https://github.com/dotnet/corefx/commits/release/2.1?author=github.john.doe@outlook.com)
* [Levi Broderick (8)](https://github.com/dotnet/corefx/commits/release/2.1?author=wigodbe@microsoft.com)
* [Sung Yoon Whang (7)](https://github.com/dotnet/corefx/commits/release/2.1?author=suwhang@microsoft.com)
* [Konst Khurin (7)](https://github.com/dotnet/corefx/commits/release/2.1?author=kkhurin@microsoft.com)
* [Omar Tawfik (7)](https://github.com/dotnet/corefx/commits/release/2.1?author=OmarTawfik@users.noreply.github.com)
* [kasper3 (7)](https://github.com/dotnet/corefx/commits/release/2.1?author=33230602+kasper3@users.noreply.github.com)
* [Josh Free (6)](https://github.com/dotnet/corefx/commits/release/2.1?author=joshfree@users.noreply.github.com)
* [Keerat Singh (6)](https://github.com/dotnet/corefx/commits/release/2.1?author=v-kesin@microsoft.com)
* [Ayende Rahien (6)](https://github.com/dotnet/corefx/commits/release/2.1?author=ayende@ayende.com)
* [Eric StJohn (6)](https://github.com/dotnet/corefx/commits/release/2.1?author=ericstj@microsoft.com)
* [Shin Mao (6)](https://github.com/dotnet/corefx/commits/release/2.1?author=shmao@microsoft.com)
* [Cory Rivera (5)](https://github.com/dotnet/corefx/commits/release/2.1?author=coryvera@microsoft.com)
* [Fei Peng (5)](https://github.com/dotnet/corefx/commits/release/2.1?author=fei.peng@intel.com)
* [Gnther Foidl (5)](https://github.com/dotnet/corefx/commits/release/2.1?author=gue@korporal.at)
* [Marek Safar (5)](https://github.com/dotnet/corefx/commits/release/2.1?author=marek.safar@gmail.com)
* [Stefan Nikolei (4)](https://github.com/dotnet/corefx/commits/release/2.1?author=stefan@nikolei.eu)
* [Davis Goodin
* [Sebastian](https://github.com/dotnet/corefx/commits/release/2.1?author=github@maturact.de)
* [Sebastian](https://github.com/dotnet/corefx/commits/release/2.1?author=nerai@users.noreply.github.com)
* [Faizur Rahman](https://github.com/dotnet/corefx/commits/release/2.1?author=shrah@microsoft.com)
* [Erwin Oegema](https://github.com/dotnet/corefx/commits/release/2.1?author=blablaechthema@hotmail.com)
* [stukselbax](https://github.com/dotnet/corefx/commits/release/2.1?author=stukselbax@gmail.com)
* [Egor Bogatov](https://github.com/dotnet/corefx/commits/release/2.1?author=egorbo@gmail.com)
* [Ducki](https://github.com/dotnet/corefx/commits/release/2.1?author=148378+Ducki@users.noreply.github.com)
* [Steve Lee](https://github.com/dotnet/corefx/commits/release/2.1?author=slee@microsoft.com)
* [Drawaes](https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtim@gmail.com)
* [Douglas-Cleghorn](https://github.com/dotnet/corefx/commits/release/2.1?author=douglas@readinghorizons.com)
* [Szabolcs Dzsi](https://github.com/dotnet/corefx/commits/release/2.1?author=deziszabi@users.noreply.github.com)
* [Sbastien Putier](https://github.com/dotnet/corefx/commits/release/2.1?author=sputier@gmail.com)
* [t-jekor](https://github.com/dotnet/corefx/commits/release/2.1?author=t-jekor@microsoft.com)
* [Divino Csar](https://github.com/dotnet/corefx/commits/release/2.1?author=divcesar@gmail.com)
* [Diego Vega](https://github.com/dotnet/corefx/commits/release/2.1?author=diego.vega@microsoft.com)
* [Taylor Southwick](https://github.com/dotnet/corefx/commits/release/2.1?author=tasou@microsoft.com)
* [Thiez](https://github.com/dotnet/corefx/commits/release/2.1?author=thiezz@gmail.com)
* [David Wrighton](https://github.com/dotnet/corefx/commits/release/2.1?author=davidwr@microsoft.com)
* [Daniel Imms](https://github.com/dotnet/corefx/commits/release/2.1?author=tiryiar@tyriar.com)
* [Daniel Henry](https://github.com/dotnet/corefx/commits/release/2.1?author=daniel.henry@epiforge.com)
* [the-dwyer](https://github.com/dotnet/corefx/commits/release/2.1?author=the.dwyer@gmail.com)
* [Dan Friedman](https://github.com/dotnet/corefx/commits/release/2.1?author=MisinformedDNA@users.noreply.github.com)
* [Christopher Costa](https://github.com/dotnet/corefx/commits/release/2.1?author=chcosta@microsoft.com)
* [Tyler Brinkley](https://github.com/dotnet/corefx/commits/release/2.1?author=tydude4christ@hotmail.com)
* [Christian Weiss](https://github.com/dotnet/corefx/commits/release/2.1?author=christian@chwe.at)
* [Alex Ghiondea](https://github.com/dotnet/corefx/commits/release/2.1?author=AlexGhiondea@users.noreply.github.com)
* [Chris Rummel](https://github.com/dotnet/corefx/commits/release/2.1?author=crummel@microsoft.com)
* [Vasily Novikov](https://github.com/dotnet/corefx/commits/release/2.1?author=vasily.novikov@outlook.com)
* [Victor "Nate" Graf](https://github.com/dotnet/corefx/commits/release/2.1?author=nategraf1@gmail.com)
* [Victor Nate Graf](https://github.com/dotnet/corefx/commits/release/2.1?author=vigraf@microsoft.com)
* [Cesar Soares Lucas](https://github.com/dotnet/corefx/commits/release/2.1?author=disoares@microsoft.com)
* [Brandon Ording](https://github.com/dotnet/corefx/commits/release/2.1?author=bording@gmail.com)
* [Bernhard Urban](https://github.com/dotnet/corefx/commits/release/2.1?author=bernhard.urban@xamarin.com)
* [Ayende Rahien](https://github.com/dotnet/corefx/commits/release/2.1?author=ayende@ayende.com)
* [Artyom Karpov](https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru)
* [Anton Lapounov](https://github.com/dotnet/corefx/commits/release/2.1?author=anton.lapounov@microsoft.com)
* [Andreas Heider](https://github.com/dotnet/corefx/commits/release/2.1?author=andreas@heider.io)
* [WinCPP](https://github.com/dotnet/corefx/commits/release/2.1?author=mandards@gmail.com)
* [Andon Andonov](https://github.com/dotnet/corefx/commits/release/2.1?author=andon.onandov@microsoft.com)
* [Yuri Vanin](https://github.com/dotnet/corefx/commits/release/2.1?author=yvanin@users.noreply.github.com)
* [Zhukov Maxim](https://github.com/dotnet/corefx/commits/release/2.1?author=my.fsou1@gmail.com)
* [aerotog](https://github.com/dotnet/corefx/commits/release/2.1?author=aerotog@gmail.com)
* [Alfred Myers](https://github.com/dotnet/corefx/commits/release/2.1?author=git@alfredmyers.com)
* [artkpv](https://github.com/dotnet/corefx/commits/release/2.1?author=w1ld@inbox.ru)
* [buddyabaddon](https://github.com/dotnet/corefx/commits/release/2.1?author=33861511+buddyabaddon@users.noreply.github.com)
* [chcosta](https://github.com/dotnet/corefx/commits/release/2.1?author=chcosta@microsoft.com)
* [cod7alex](https://github.com/dotnet/corefx/commits/release/2.1?author=cod7alex@gmail.com)
* [dajeffri](https://github.com/dotnet/corefx/commits/release/2.1?author=dajeffri@yahoo.com)
* [Alfred Myers](https://github.com/dotnet/corefx/commits/release/2.1?author=alfredmyers@users.noreply.github.com)
* [Alex](https://github.com/dotnet/corefx/commits/release/2.1?author=ateoi@users.noreply.github.com)
* [Alexander Soldatov](https://github.com/dotnet/corefx/commits/release/2.1?author=soldatov.a@samsung.com)
* [drawaes](https://github.com/dotnet/corefx/commits/release/2.1?author=seawardtimi@gmail.com)
* [ektrah](https://github.com/dotnet/corefx/commits/release/2.1?author=ektrah@users.noreply.github.com)
* [huanwu](https://github.com/dotnet/corefx/commits/release/2.1?author=huanwu@microsoft.com)
* [iamatinkerer](https://github.com/dotnet/corefx/commits/release/2.1?author=iamatinkerer@users.noreply.github.com)
* [kost1x](https://github.com/dotnet/corefx/commits/release/2.1?author=k0st1x@ya.ru)
* [Alexander Kplinger](https://github.com/dotnet/corefx/commits/release/2.1?author=alex.koeplinger@outlook.com)
* [Kassem Sandarusi](https://github.com/dotnet/corefx/commits/release/2.1?author=kassemsandarusi@gmail.com)
* [Kasper Fabch Brandt](https://github.com/dotnet/corefx/commits/release/2.1?author=poizan@poizan.dk)
* [Juan Sebastian Hoyos Ayala](https://github.com/dotnet/corefx/commits/release/2.1?author=juan.s.hoyos@outlook.com)
* [Josh Free](https://github.com/dotnet/corefx/commits/release/2.1?author=jfree@microsoft.com)
* [Kristian Hellang](https://github.com/dotnet/corefx/commits/release/2.1?author=kristian.hellang@iris.no)
* [Joseph Musser](https://github.com/dotnet/corefx/commits/release/2.1?author=me@jnm2.com)
* [Lakshmi Priya Sekar](https://github.com/dotnet/corefx/commits/release/2.1?author=Priya91@users.noreply.github.com)
* [Jose](https://github.com/dotnet/corefx/commits/release/2.1?author=pepone@users.noreply.github.com)
* [Joni](https://github.com/dotnet/corefx/commits/release/2.1?author=jonijpn@gmail.com)
* [Jonathan Gilbert](https://github.com/dotnet/corefx/commits/release/2.1?author=JonathanG@iQmetrix.com)
* [Iroca88](https://github.com/dotnet/corefx/commits/release/2.1?author=Iroca@uc1v.edu.eu)
* [madelson](https://github.com/dotnet/corefx/commits/release/2.1?author=1269046+madelson@users.noreply.github.com)

## WCF

* [Stephen Bonikowsky](https://github.com/dotnet/wcf/commits/release/2.1.0?author=stebon@microsoft.com)
* [Matt Connew](https://github.com/dotnet/wcf/commits/release/2.1.0?author=mconnew@microsoft.com)
* [Xing Mao (10)](https://github.com/dotnet/wcf/commits/release/2.1.0?author=shmao@microsoft.com)
* [Shin Mao (3)](https://github.com/dotnet/wcf/commits/release/2.1.0?author=shmao@microsoft.com)
* [Kirill (1)](https://github.com/dotnet/wcf/commits/release/2.1.0?author=netkill@bk.ru)
* [Zhenlan Wang (1)](https://github.com/dotnet/wcf/commits/release/2.1.0?author=zhenlwa@microsoft.com)

# Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```
```bash
  git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```bash

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (227)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puszkiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotr@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Eric Erhardt (136)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [jonsequitur (74)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Jon Sequeira (51)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Mike Lorbetske (43)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsoft.com)
* [Livar Cunha (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Zlatko Knezevic (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com)
* [Bryan Thornbury (26)](https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com)
* [Livar (25)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Daniel Plaisted (25)](https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com)
* [Nick Guerrera (21)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com)
* [Scott Carlton (19)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-sccarl@microsoft.com)
* [William Li (18)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [John Beisner (15)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jbbeisner@microsoft.com)
* [Satya Madala (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=samadala@microsoft.com)
* [Unknown (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotr@microsoft.com)
* [Rama Krishnan Raghupathy (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Jorgen Pfeifer (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de)
* [Ken Dale (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ken@kendaleiv.com)
* [Kyu Choi (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com)
* [Falco (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=rs38@users.noreply.github.com)
* [Martin Andreas Ullrich (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com)
* [Eric Mellino (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ermne@microsoft.com)
* [Matt Galbraith (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com)
* [MichaelSimons (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=msimons@microsoft.com)
* [Dustin Campbell (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teamcampbell.org)
* [Nikolaj Jrgensen (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk)
* [Pranav K (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com)
* [Rainer Sigwald (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com)
* [Rakesh Ranjan Singh (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com)
* [Ravi Eda (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com)
* [Ravi Mandal (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com)
* [Rich Lander (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com)
* [Rikard Johansson (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com)
* [Roger (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com)
* [Chris R (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com)
* [Axel Heer (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu)
* [Scott Addie (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com)
* [Steve Desmond (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca)
* [William Li (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com)
* [Alex Barney (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com)
* [eerhardt (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [faahmad (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-RTW3)
* [foresterre (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com)
* [Adeel (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com)
* [mlorbetske (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [v-mdriml (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-mdriml@microsoft.com)

## CoreCLR

* [Jonghyun Park (227)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com)
* [Jan Kotas (157)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com)
* [danmosemsoft (139)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=damose@microsoft.com)
* [Pat Gavlin (130)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com)
* [Bruce Forstall (80)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com)
* [Andy Ayers (74)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andyaya@microsoft.com)
* [Stephen Toub (74)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com)
* [wtgodbe (60)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Joseph Tremoulet (55)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com)
* [Mike Danes (55)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [SaeHie Park (42)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com)
Open Source Used in Webex Teams Desktop Client EFT-b 3.0.15894.0

*Sergey Andreenko
(42)(https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com)

* [Ian Vorlicek (41)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com)

* [Aditya Mandaleeka
(40)(https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com)

* [Michelle McDaniel (39)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaida@gmail.com)

* [Hyeongseok Oh
(38)(https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com)

* [Steve MacLean, Qualcomm Datacenter Technologies, Inc
(37)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)

* [Koundinya Veluri (35)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com)

* [Rahul Kumar (34)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com)

* [dotnet bot (31)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dotnet-bot@dotnetfoundation.org)

* [Carol Eidt (31)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com)

* [Sean Gillespie (30)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me)

* [Gaurav Khanna (29)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com)

* [Justin Van Patten (29)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com)

* [James Ko (28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Jamesqko@gmail.com)

* [Tarek Mahmoud Sayed
(28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com)

* [Christopher Costa (27)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com)

* [Mikhail Skvortcov
(26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com)

* [Atsushi Kanamori
(26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com)

* [sivarv (26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com)

* [Ben Adams (25)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk)

* [Alex Perovich (24)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com)

* [Dan Moseley (24)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dannose@microsoft.com)

* [jashook (21)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com)

* [Frederik Carlier
(20)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamation.mobi)

* [Steve MacLean
(20)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)

* [Hyung-Kyu Choi
(19)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hhk0110.choi@samsung.com)

* [Brian Sullivan (19)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com)

* [Evgeny Pavlov (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com)

* [Jeremy Kuhne
(17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)

* [Drew Scoggins (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)

* [Mike McLaughlin (16)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com)

* [Michal Strehovsk
(16)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com)

* [John Chen (15)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com)

* [mikedn (14)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [Russ Keldorph](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com)

* [Rama Krishnan Raghupathy](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com)

* [Ahson Ahmed Khan](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan2016@gmail.com)

* [Dmitry-Me](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com)

* [Stephen A. Imhoff](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com)

* [Tanner Gooding](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com)

* [Swaroop Sridhar](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@users.noreply.github.com)

* [Hanjoong Lee](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com)

* [Hyung-Kyu Choi](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com)

* [Ian Hays](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com)

* [Igor Kulaychuk](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=igor.kulaychuk@gmail.com)

* [Li Tian](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=litian2025@gmail.com)

* [Pat Gavlin](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com)

* [Jim Ma](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mazonz1123@gmail.com)

* [William Godbe](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)

* [Alexander Radchenko](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=radchenkosasha@gmail.com)

* [Alex Ghiondea](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com)

* [ragmani](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ragmani0216@gmail.com)

* [Eric Mellino](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erme@microsoft.com)

* [Matt Mitchell](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mmitche@microsoft.com)

* [Davis Goodin](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@users.noreply.github.com)

* [Alexander Soldatov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soldatov.a@samsung.com)

* [Faizur Rahman](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=shrah@microsoft.com)

* [Hyeongseok Oh](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com)

* [Matt Ellis](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com)

* [Vance Morrison](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancem@microsoft.com)

* [Sujin Kim](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsujin.kim@samsung.com)

* [Jon Hanna](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jon@hackcraft.net)

* [Eric Erhardt](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com)

* [SaeHee Park](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saeheepark@samsung.com)

* [Rich Lander](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=flander@microsoft.com)

* [Jos Rivero](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=josrivero@microsoft.com)

* [Yi Zhang](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com)
* [kchoi (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=code.kchoi@gmail.com)
* [pius.lee (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pius.lee@samsung.com)
* [rahul (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com)
* [smile2lprc (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com)
* [vkvenkat (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com)

## CoreFX

* [Stephen Toub (535)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)
* [Jon Hanna (344)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net)
* [Eric St. John (285)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Eric Mellino (167)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com)
* [Jose Perez Rodriguez (116)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com)
* [Wes Haggard (113)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Hugh Bellamy (102)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com)
* [Bart De Smet (99)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com)
* [Lakshmi Priya Sekar (97)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com)
* [James Ko (94)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com)
* [Ian Hays (90)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com)
* [Santiago Fernandez Madero (88)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)
* [Jan Kotas (80)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com)
* [Anthony Langsworth (78)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com)
* [chcosta (78)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com)
* [Dan Moseley (73)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dammose@microsoft.com)
* [sepidehMS (59)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com)
* [Liudmila Molkova (58)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com)
* [Alex Perovich (58)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com)
* [Tarek Mahmoud Sayed (56)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Krzysztof Wicher (52)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com)
* [Karel Zikmund (52)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com)
* [Jeremy Kuhne (52)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Jeremy Barton (51)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com)
* [Justin Van Patten (51)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com)
* [Shin Mao (47)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com)
* [danmosemsft (47)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dannmose@microsoft.com)
* [Geoff Kizer (34)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek@microsoft.com)
* [Stephen A. Imhoff (32)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com)
* [Viktor Hofer (31)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Matt Galbraith (31)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Karthik Rajasekaran (30)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com)
* [Alex Ghiondea (28)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com)
* [Matt Mitchell (28)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com)
* [Bart J.F. De Smet (26)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartdesmet@hotmail.com)
* [David Shulman (26)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com)
* [Davis Goodin (26)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com)
* [Atsushi Kanamori (24)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com)
* [Steve Harter (24)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com)
* [Christopher Costa (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com)
* [Steve Harter (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com)
* [Frederik Carlier (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi)
* [Alexander Radchenko (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com)
* [Sedar Gokbulut (20)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com)
* [Ahson Ahmed Khan (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhana@users.noreply.github.com)
* [Rahul Kumar (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com)
* [Wes Haggard (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com)
* [dotnet-bot (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dotnet-bot@microsoft.com)
* [Saurabh Singh (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com)
* [Tijoy Tom Kalathiparambil (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com)
* [Gaurav Khanna (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Marek Safar (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mareksafar@gmail.com)
* [Koundinya Veluri (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Tanner Gooding (16)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com)
* [Hyeongseok Oh (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [qizhanMS (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com)
* [Will Dean (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk)
* [Krzysztof Wicher (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [Saurabh Singh (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com)
* [Rama Krishnan Raghuopathy (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Dennis "D.C." Dietrich (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com)
* [Stanislav Ushakov (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com)
* [Immo Landwerth (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com)
* [David Wright (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com)
* [Huangli Wu (12)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Atsushi Kanamori (12)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com)
* [tintoy (11)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io)
* [Daniel Harvey (11)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com)
* [Karel Zikmund (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com)
* [Hyung-Kyu Choi (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com)
* [Eric Eilebrecht (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com)
* [Tarekm Mahmoud Sayed (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Tom Matouek (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com)
* [Matt Galbraith (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com)
* [Matt Ellis (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com)
* [Cristian Pop (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com)
* [Viktor Hofer (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com)
* [Pavel Maltesev (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com)
* [Sepideh Khoshnood (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=se kho@microsoft.com)
* [Jiyoung Yun (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com)
* [Santiago Fernandez (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)
* [Drew Scoggins (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [chunseoklee (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com)
* [Rich Lander (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com)
* [Cory Rivera (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com)
* [Mandar Sahasrabuddhe (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com)
* [Hanjourng Lee (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjourng.lee@samsung.com)
* [Rion Williams (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=rionmonster@gmail.com)
* [Alex Ghiondea (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Petr Onderka (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsvick@gmail.com)
* [Michael Simons (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com)
* [wtgodbe (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Gene Lee (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com)
* [Ben Adams (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk)
* [Vance Morrison (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com)
* [Vance Morrison (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net)
* [Marek Linka (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com)
* [Eric StJohn (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [WinCPP (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@gmail.com)
* [Brahmnes Fung (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com)
* [Jan Vorlicek (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com)
* [nietras (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com)

---

**Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 66**
* [vsadov (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Jonghyun Park (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com)
* [Peter Marcu (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com)
* [Davis Goodin (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com)
* [chunseok lee (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com)
* [Anton Lapounov (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com)
* [John Chen (CLR) (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com)
* [Jay Simmons (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com)
* [the-dwyer (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com)
* [Adam Friedman (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com)
* [Jiayi Li (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [louluqun (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=louluqun@hotmail.com)
* [Julien Couvreur (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com)
* [cydhaselton (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com)
* [cod7alex (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com)
* [Carol Wang (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com)
* [alperov1 (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperov1@microsoft.com)
* [Hyeongseok Oh (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [Tom Deseyn (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com)
* [Darren Hoehna (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com)
* [David Wrighton (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com)
* [Nick Guerrera (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com)
* [Egor Bogatov (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com)
* [Robert Anderson (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com)
* [Eric Erhardt (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [stone-li (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com)
* [AlexGhiondea (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Ludovic Henry (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com)
* [Jason Sturges (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com)
* [Bruce Bowyer-Smyth (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.com.au)
* [Brian O'Neill (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com)
* [Jim Carley (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com)
* [Cristian Pop (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIIPop@users.noreply.github.com)
* [Peter Marcu (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com)
* [Jesper Larsen-Ledet (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk)
* [Stephen Cleary (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gauthier.ourteddybear@oxyy.net)
* [v-lijiay (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01)
* [Evgeny Pavlov (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com)
* [David Wright (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com)
* [Stanislav Ushakov (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com)
* [Nate Amundson (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com)
* [Smile Wei (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xwe@microsof)
* [safern (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN)
* [Faizur Rahman (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrah@microsoft.com)
* [Paul Harrington (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com)
* [geoffkizer (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek)
* [FAREASTv-lijiay (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [SepidchMS (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com)
* [Peter (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS)
* [EgorBo (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com)
* [Lakshmi Priya Sekar (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com)
* [Koundinya Veluri (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com)
* [huanwu (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [cydhaselton (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ubuntu@ip-172-31-42-205.us-west-2.compute.internal)
* [Radka (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=radkavecret@gmail.com)
* [Attila Hajdrik (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=athajdri@microsoft.com)
* [Viacheslav Ivanov (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viacheslav.ivanov@gmail.com)
* [Ale Contenti (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alecontenti-gh@hotmail.com)
* [mikedin (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [stephentoub (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)
* [Nikita Nuka (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nikita.nuka@citrix.com)
* [Immo Landwerth (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=immo@landwerth.net)
* [ahsonkhan (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com)
* [Martin Coll (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martingonzalezcoll@gmail.com)
* [ahsonkhan (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahson_hamedk@yahoo.com)
* [Tanner Gooding (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@microsoft.com)
* [Gaurav Khanna (CLR)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanv@microsoft.com)
* [Axel Heer (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=axel@heer.eu)
* [Austin Wise (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AustinWise@gmail.com)
* [Shiming Ge (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-shige@microsoft.com)
* [Caesar Chen (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com)
* [Michal Strehovsk (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com)
* [Yi Zhang (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yzha@microsof)
* [Felipe Pessoto (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=felipepessoto@hotmail.com)
* [Hyung-Kyu Choi (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hyungkyuchoi3017@gmail.com)
* [Qi Zhang (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com)
* [Alaa Masoud (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alaa.masoud@live.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 70

(1)[https://github.com/dotnet/corefx/commits/release/2.0.0?author=KirillOsenkov@users.noreply.github.com]
* [Liangyaozhi (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=peter_liang@outlook.com]
* [Llewellyn Pritchard (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=xacc.ide@gmail.com]
* [Mariana Rios Flores (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=mariari@microsoft.com]
* [Marius Ungureanu (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=teromario@yahoo.com]
* [Markus Sintonen (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=markus.sintonen@gmail.com]
* [Martin Lapiere (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin_lapiere@devinstinct.com]
* [Martin Scholz (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com]
* [Martin Woodward (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin@dotnetfoundation.org]
* [Matt Connew (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnnew@microsoft.com]
* [Matthew Parkinson (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=mjp41@users.noreply.github.com]
* [Michal Strehovsok (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=michals@microsoft.com]
* [Mike McLaughlin (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=mikem@microsoft.com]
* [Morgan Brown (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganb@microsoft.com]
* [Nate Barbettini (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=nathanaelb@gmail.com]
* [Odyth (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=jstofle@gmail.com]
* [Olof Olsson (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com]
* [Omair Majid (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=omair.majid@gmail.com]
* [Omair Majid (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com]
* [Paul Harrington (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com]
* [Paul Westcott (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com]
* [Peter Kukol (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=pkukol@users.noreply.github.com]
* [Peter Wurzinger (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=wurzingerp@gmail.com]
* [Robert Matusewicz (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com]
* [Robert Sk (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosek@tlen.pl]
* [SaeHie Park (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=saehie.park@samsung.com]
* [Sean Gillespie (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com]
* [Sean Gillespie (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me]
* [Sergio Parra Guerra (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com]
* [Shimmy (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com]
* [Stefan Nikolei (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu]
* [Steve Desmond (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca]
* [Steve Desmond (1)][https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com]
* [Sung-Jae Lee (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sjlee@mail.com)
* [SunnyWar (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com)
* [TEPW (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B)
* [Tanner Gooding (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannergooding@users.noreply.github.com)
* [Tarun Pothulapati (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com)
* [TautvydasZilys (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.com)
* [Tomas Matousek (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas.matousek@microsoft.com)
* [Travis Querec (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@microsoft.com)
* [Tyler Brinkley (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Tydude4Christ@hotmail.com)
* [Vladimir Sadov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Will Dean (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk)
* [Yaakov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov-hb@users.noreply.github.com)
* [Yaakov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov@codingrange.com)
* [Yi Zhang (CLR (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com)
* [andrewlock (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net)
* [costahome (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com)
* [dnickless (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net)
* [dstuckims (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dstucki@microsoft.com)
* [nightshinez (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nightshinez@users.noreply.github.com)
* [obligaron (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=obligaron@live.com)
* [ofirmakmal (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ofir.makmal@gmail.com)
* [smile21prc (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xive@microsft.com)
* [sxmichael (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=michael@senexx.com)
* [tdupont750 (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com)
* [v-y-yanbgu (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-y-yanbgu@microsoft.com)
* [varocarbas (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com)
* [vitek-karas (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com)

## WCF

* [Stephen Bonikowsky (59)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com)
* [Ron Cain (18)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com)
* [Matt Galbraith (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Eric St. John (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Konst Khurin (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkurin@microsoft.com)
* [hongdai (7)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com)
* [huanwu (6)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com)
* [KKkurin (5)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkkurin@microsoft.com)
* [Zhenlan Wang (4)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com)
* [Shin Mao (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com)
# Contributions to .NET Core SDK 1.0

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## .NET Core Tools (SDK)

- [Bryan Thornbury (403)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com)
- [Livar Cunha (303)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Eric Erhardt (273)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com)
- [Piotr Puszkiewicz (237)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com)
- [Sridhar Periyasamy (222)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com)
- [David Fowler (164)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com)
- [Andrew Stanton-Nurse (148)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net)
- [Pavel Krymets (109)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com)
- [Senthil (106)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Zlatko Knezevic (86)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com)
- [Krzysztof Wicher (74)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com)
- [Troy Dai (66)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com)
- [Mihai Codoban (43)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com)
- [Chris Rummel (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com)
- [Chris R (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com)
- [Cesar Blum Silveira (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cesars@microsoft.com)
- [stephen@ou (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=stoub@microsoft.com)
- [Brice Lambson (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@outlook.com)
- [Brian Robbins (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brianrob@microsoft.com)
- [factormystic (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=factormystic@gmail.com)
- [Ben Adams (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk)
- [jacalvar (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com)
- [Bart Koelman (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bartkoelmanNOSPAM@NOSPAMgmail.com)
- [jtkech (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeantechierry.kechichian@wanadoo.fr)
- [kloun (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrey0bolkonsky@gmail.com)
- [kotov.a (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kotov.a@hotmail.com)
- [martincostello (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=martin@martincostello.com)
- [Alexander Kozlenko (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alexander.kozlenko@live.com)
- [Alex Panov (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=alpaix@outlook.com)
- [Mark Clearwater (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mclearwater@gmail.com)
- [Mark Junker (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fubar-coder@users.noreply.github.com)
- [Mark Rendle (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mark@markrendle.net)
- [Luke Latham (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mis@guardrex.com)
- [Matt Galbraith (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=MattGal@users.noreply.github.com)
- [Luke Elliott (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=revlucio@gmail.com)
- [Mattias Karlsson (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mattias@devlead.se)
- [Lakshmi Priya (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=Priya91@users.noreply.github.com)
- [Kai Eichinger (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cH40z-Lord@outlook.com)

# Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```bash
  git shortlog -sn --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.
* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livav Cunha (311)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puszkiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
* [Eric Erhardt (159)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=igoshi@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [Mike Lorbetske (100)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Jonsequitur (77)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [John Beisner (76)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com)
* [Nick Guerrera (71)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com)
* [William Li (67)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [Livav (58)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Jon Sequeira (52)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Livav Cunha (38)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Daniel Plaisted (34)](https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com)
* [Faizan Ahmad (30)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsoft.com)
* [Zlatko Knezevic (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com)
* [Bryan Thornbury (26)](https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com)
* [Scott Carlton (19)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-sccarl@microsoft.com)
* [mlorbetske (17)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Matt Ellis (16)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mattell@microsoft.com)
* [Rainer Sigwald (16)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com)
* [Satya Madala (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=samadala@microsoft.com)
* [Kevin Ransom (13)](https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com)
* [Vijay Ramakrishnan (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.com)
* [Rama Krishnan Raghupathy (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Justin Emgarten (11)](https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com)
* [Steve Sanderson (11)](https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com)
* [Ankit Mishra (11)](https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com)
* [Harsh Jain (10)](https://github.com/dotnet/cli/commits/release/2.0.0?author=harjain@microsoft.com)
* [Nate Amundson (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=naamunds@microsoft.com)
* [Rohit Agrawal (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com)
* [Chris Rummel (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com)
* [Enrico Sada (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io)
* [Jeff Kluge (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jeffkl@microsoft.com)
* [seancpeters (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=seepeters@microsoft.com)
* [Omair Majid (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com)
* [Ashley Hauck (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com)
* [Zbynk Sailer (7)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 77
* [Matt Mitchell (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mmitche@microsoft.com)
* [Ryan Stelly (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ryan.stelly@live.com)
* [SaeHie Park (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=saehie.park@samsung.com)
* [Matt Galbraith (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=MattGal@users.noreply.github.com)
* [Scott Addie (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com)
* [Martin Andreas Ullrich (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com)
* [Axel Heer (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu)
* [Alexander Kplinger (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=alex.koeplinger@outlook.com)
* [Mardoxx (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mardoxx@gmail.com)
* [Kevin Ransom (msft)](https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com)
* [Steve Desmond (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca)
* [Jrgen Pfeifer (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=juergen@familiepfeifer.de)
* [Jeremie Galarneau (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jeremie.galarneau@gmail.com)
* [James Lang (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jamess@jlce.co.uk)
* [Wes Haggard (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [William Lee (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [Alex Barney (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com)
* [William Li (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-mbp.guest.corp.microsoft.com)
* [Hyung-Kyu Choi (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=hk0110.choi@samsung.com)
* [Falco (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=r38@users.noreply.github.com)
* [Zhi Li (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=lzhi@microsoft.com)
* [Adeel (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com)
* [Eric Mellino (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ermee@microsoft.com)
* [Dustin Campbell (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=dustin@teammcampbell.org)
* [Daniel Plaisted (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=dsplaisted@gmail.com)
* [Chris R (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com)
* [eerhardt (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [v-mdriml (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-mdriml@microsoft.com)
* [faahmad (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-RTW3)
* [Pranav K (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=prkrishn@hotmail.com)
* [Rakesh Ranjan Singh (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raksingh@microsoft.com)
* [Nikolaj Jrgensen (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolaj@loftjoer.dk)
* [Ravi Eda (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raeda@microsoft.com)
* [Ravi Mandal (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ravimandal47@hotmail.com)
* [Rich Lander (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=rlander@microsoft.com)
* [foresterre (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com)
* [Bill Wert (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=billwert@microsoft.com)

## CoreCLR

* [Jonghyun Park (242)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com)
* [Jan Kotas (182)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 79
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 82

(7) [https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com]
* [Matt Ellis (7)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matell@microsoft.com)
* [Yi Zhang (CLR)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yizhang82@users.noreply.github.com)
* [Daniel Podder (7)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dapoddl@microsoft.com)
* [Rich Lander (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lander@microsoft.com)
* [Eric Erhardt (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Jos Rivera (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jojive@microsoft.com)
* [Mukul Sabharwal (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com)
* [SaeHie Park (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@samsung.com)
* [Viktor Hofer (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Wes Haggard (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Sven Boemer (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sboemer@gmail.com)
* [John Chen (CLR) (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com)
* [Karel Zikmund (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@users.noreply.github.com)
* [Matt Warren (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk)
* [Peter Marcu (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com)
* [Swaroop Sridhar (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com)
* [Roman Artemev (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gartemev@microsoft.com)
* [Aditya MandaLeeka (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com)
* [Cyd Haselton (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com)
* [noahfalk (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com)
* [Adam SitiNik (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitiNik@gmail.com)
* [Alex Ghiondea (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Buyduck (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com)
* [Tanner Googing (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tanNgering@users.noreply.github.com)
* [LaSombra (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com)
* [mskvortsov (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail.skvortsov@gmail.com)
* [Jiyoung Giuliana Yun (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com)
* [chunseoklee (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com)
* [Mandar Sahsasrabuddhe (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com)
* [Maoni Stephens (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com)
* [Atsushi Kanamori (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsukish@microsoft.com)
* [Yongsop Kim (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yons.kim@samsung.com)
* [Eugene Rozenfeld (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com)
* [Felipe Fujiy Pessoto (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com)
* [Ilya (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DieselMachine84@users.noreply.github.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 84
* [cod7alex (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com)
* [Andrey Kvochko (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com)
* [darxis (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com)
* [dasMulli (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com)
* [Morgan Brown (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com)
* [smile21prc (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com)
* [dnickless (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net)
* [Nicol Carandini (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com)
* [Ofer Zelig (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com)
* [Olof Olsson (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com)
* [Ivan Baravy (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com)
* [Mikhail Filippov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me)
* [Omar Tawfik (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com)
* [Mikhail Skvortsov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail.skvortsov@gmail.com)
* [Alexandre Mutel (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com)
* [Pedro Lamas (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pedrolamas@gmail.com)
* [Per Lundberg (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com)
* [Michal Strehovsky (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com)
* [Matthew Parkinson (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com)
* [Peter Smulovics (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com)
* [Felipe Pessotto (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com)
* [AlexGhiondea (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [gbalykov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=g.balykov@samsung.com)
* [giuliohome (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com)
* [helloguo (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com)
* [Matt Galbraith (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com)
* [ikopylov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com)

## CoreFX

* [Stephen Toub (661)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)
* [Jon Hanna (361)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net)
* [Eric St. John (315)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Eric Mellino (192)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com)
* [Hugh Bellamy (166)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=hughbellars@gmail.com)
* [Wes Haggard (134)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Jose Perez Rodriguez (123)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=joperezr@microsoft.com)
* [Ian Hays (114)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=ianha@microsoft.com)
* [Santiago Fernandez Madero (114)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=safern@microsoft.com)
* [Lakshmi Priya Sekar (109)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=lasekar@microsoft.com)
* [Bart De Smet (99)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=bartde@microsoft.com)
* [Dan Moseley (98)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=danmose@microsoft.com)
* [James Ko (95)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=jamesko@gmail.com)
* [Jan Kotas (84)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=jkotas@microsoft.com)
* [chcosta (78)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=chcosta@microsoft.com)
* [Anthony Langsworth (78)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=anthony.langsworth@gmail.com)
* [Jeremy Barton (76)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=jbarton@microsoft.com)
* [Viktor Hofer (75)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Liudmila Molkova (71)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=lmolkova@microsoft.com)
* [Krzysztof Wicher (70)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=kwicher@microsoft.com)
* [Alex Perovich (66)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=alperovi@microsoft.com)
* [sepidehMS (64)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=sekho@microsoft.com)
* [Jeremy Kuhne (64)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Tarek Mahmoud Sayed (63)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=tarekms@microsoft.com)
* [Shin Mao (62)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=shmao@microsoft.com)
* [danmosemsft (55)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=dannmose@microsoft.com)
* [Justin Van Patten (54)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=jvp@justinvp.com)
* [Atsushi Kanamori (53)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=AtsushiKan@users.noreply.github.com)
* [Karel Zikmund (52)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=karelz@users.noreply.github.com)
* [Stephen A. Imhoff (35)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=clockworkmuse@outlook.com)
* [Geoff Kizer (34)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=geoffrek@microsoft.com)
* [David Shulman (34)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=david.shulman@microsoft.com)
* [Matt Galbraith (34)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=mattgal@microsoft.com)
* [Atsushi Kanamori (31)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=atsushik@microsoft.com)
* [Matt Mitchell (31)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=mmitche@microsoft.com)
* [Karthik Rajasekaran (30)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=karajas@microsoft.com)
* [Davis Goodin (29)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=dagood@microsoft.com)
* [Alex Ghiondea (29)](https://github.com/dotnet/corefx/commit/release/2.0.0?author=alexghiondea@gmail.com)

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 87
* [Cristian Pop](https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com)
* [Lakshmi Priya Sekar](https://github.com/dotnet/corefx/commits/release/2.0.0?author= Priya91@users.noreply.github.com)
* [Robert Anderson](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftlylogic@users.noreply.github.com)
* [John Chen (CLR) (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com)
* [Anton Lapounov](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com)
* [Eric Erhardt (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Peter Marcu (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com)
* [Egor Bogatov (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com)
* [alperovi (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com)
* [Adam Friedman](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com)
* [Hyeongseok Oh](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [louluqun (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=louluqun@hotmail.com)
* [David Wrighton (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com)
* [Nick Guerrera (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholwr@microsoft.com)
* [Tom Deseyn (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com)
* [Julien Couvreur](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@users.noreply.github.com)
* [Jay Simmons (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com)
* [cod7alex (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com)
* [the-dwyer (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=the.dwyer@gmail.com)
* [cydhaselton (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com)
* [Geoff Kizer (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek)
* [Stanislav Ushakov](https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com)
* [Smile Wei (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xhwe@microsoft.com)
* [stephenmichael](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xhwe@microsoft.com)
* [Brian O'Neill (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@gmail.com)
* [SepidehMS (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekhosreadcrumbs@gmail.com)
* [huanwu (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Peter (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS)
* [Jim Carley (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microssoft.com)
* [Jesper Larsen-Ledet (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk)
* [JimboWei (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-wjiang@microsoft.com)
* [JayG (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jguady@users.noreply.github.com)
* [Jonathan Mezach](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonathanmezach@gmail.com)
* [Jason Sturges (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jonasonsturges.com)
* [Joseph Musser (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jnm2.com)
* [Peter Marcu (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com)
* [safern (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN)
* [AlexGhiondea]
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 91
## WCF

* [Stephen Bonikowsky (82)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com)
* [Ron Cain (18)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com)
* [Matt Galbraith (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Eric St. John (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com)
* [KKhurin (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [hongdai (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com)
* [Konst Khurin (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [Zhenlan Wang (7)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com)
* [huanwu (6)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Shin Mao (5)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com)
* [Matt Connew (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com)
* [Matt Mitchell (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com)
* [Tarek Mahmoud Sayed](https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Olof Olsson (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com)
* [Chris R (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com)
* [Karel Zikmund](https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com)
* [Morgan Brown (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com)
* [Carol Wang (Inspur Worldwide Services Ltd)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com)
* [Rich Lander (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com)
* [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

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

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

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

# License information for .NET

The Windows distribution of .NET 5.0 contains files that are provided under
multiple licenses.
This information is provided to help you to understand if the files, and their
associated licenses terms, apply to your use.
By using any or all of these files you agree to their associated license terms.

The following binaries are licensed with the
[.NET Library License](https://dotnet.microsoft.com/en/dotnet_library_license.htm)

* WPF: PresentationNative_cor3.dll
* WPF: wpfgfx_cor3.dll

The following binaries are licensed with the
[Visual Studio 2019 License](https://visualstudio.microsoft.com/license-terms/mlt031619/)
(not as a "trial"):  

* WPF: vcruntime140_cor3.dll
* SDK Tools: Microsoft.DiaSymReader.Native.{x86|amd64|arm|arm64}.dll

The following binaries are licensed with the
[Windows SDK License](https://docs.microsoft.com/legal/windows-sdk/license):

* .NET Core: api-ms-*. *
* .NET Core: ucrtbase.dll
* WPF: D3DCompiler_47_cor3.dll

All other binaries and files are licensed with the
[MIT license](https://github.com/dotnet/core/blob/master/LICENSE.TXT)

This document is provided for informative purposes only, and is not itself a license.

1.4 ots 8.0.0

1.4.1 Available under license:

Copyright (c) 2009-2017 The OTS Authors. All rights reserved.

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

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

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

1.5 logofx-bootstrapping 2.0.0

1.5.1 Available under license:

The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
1.6 boost 1.65

1.6.1 Available under license:

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM. Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood. Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson (jep@mtiam.e.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port. Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports. Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn’t made it into the released version of the collector, yet.)

Use of this software is granted under one of the following two licenses, to be chosen freely by the user.


Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

2. The MIT License

Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
representations about the suitability of this software for any purpose. It is provided "as is" without express or implied warranty.

--hr / --

<ulink url="mailto:jeff@crystalclearsoftware.com">Jeff Garland</ulink>

© 2000-2002

The following people hereby grant permission to replace all existing licenses on their contributions to Boost with the Boost Software License, Version 1.0. (boostinspect:nolicense boostinspects: nocopyright)

Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Andrei Alexandrescu (andrewalex - at - hotmail.com) (See Boost list message of August 12, 2004 11:06:58 AM EST)
Andrew Lumsdaine ()
Anthony Williams (anthony -at- justsoftwaresolutions.co.uk)
Beman Dawes (bdawes@acm.org)
Brad King (brad.king -at- kitware.com) (See Boost list message of Wed, 21 Jul 2004 11:15:46 -0400)
Brian Osman (osman -at- vvisions.com) (See CVS log)
Bruce Barr (schmoost -at- yahoo.com) (See Boost list of Mon, 16 Aug 2004 15:06:43 -0500)
Bruno da Silva de Oliveira (bruno - at - esss.com.br)
Christain Engstrom (christian.engstrom -at- glindra.org) (See Boost list message of Mon, 30 Aug 2004 14:31:49 +0200)
Cromwell D Enage (sponage -at- yahoo.com) (See Boost list message of August 12, 2004 11:49:13 AM EST)
Dan Gohman (djg -at- cray.com) (See Boost list messsage of Sat, 21 Aug 2004 10:54:59 +0100)
Dan Nuffer (dan -at- nuffer.name)
Daniel Frey (d.frey -at- gmx.de, daniel.frey -at- aixigo.de)
Daniel Nuffer (dan -at- nuffer.name)
Darin Adler (darin -at- bentspoon.com) (Email to Andreas Huber, see change log)
Daryle Walker (darylew - at - hotmail.com)
Dave Abrahams (dave@boost-consulting.com)
Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500)
David Abrahams (dave@boost-consulting.com)
Dietmar Kuehl (dietmar_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log)
Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com)
Dr John Maddock (john - at - johnmaddock.co.uk)
Edward D. Brey (brey -at- ductape.net) (Email to Andreas Huber, see change log)
Eric Ford (un506n902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100)
Eric Friedman (ebf@users.sourceforge.net)
Eric Niebler (eric@boost-consulting.com)
Fernando Cacciola (fernando_cacciola@ciudad.com.ar)
Fernando Luis Cacciola Carballal (fernando_cacciola@ciudad.com.ar)
Francois Faure (Francois.Faure -at- imag.fr) (See CVS log)
Gary Powell (powelgg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800)
Gennadiy Rozental (rorgeeff -at- mail.com) (Email to Andreas Huber, see change log)
Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUF.E.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19 +0200)
Gottfried Ganauge (Gottfried.Ganssauge -at- HAUFE.DE) (Alternative spelling of Gottfried Ganssauge)
Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)
Hartmut Kaiser (hartmut.kaiser -at- gmail.com)
Herve Bronnimann (hbr -at- poly.edu)
Herv Brnnimann (hbr -at- poly.edu)
Housemarque Oy (Ilari Kuitinnen ilari.kuittinen -at- housemarque.fi)
Howard Hinnant (hinnant -at- twcny.rr.com) (See Boost list message of July 25, 2004 3:44:49 PM EST)
Hubert Holin (hubert_holin -at- users.sourceforge.net)
Indiana University ()
Itay Maman (imaman -at- users.sourceforge.net)
Jaakko Jrvi (jajarvi -at- osl.iu.edu)
Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700)
Jeff Garland (jeff - at - crystalclearsoftware.com) (see Boost list post of July 25, 2004 19:31:09 -0700)
Jens Maurer (Jens.Maurer@gmx.net)
Jeremy G Siek (jsiek@osl.iu.edu)
Jeremy Siek (jsiek@osl.iu.edu)
Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST)
John Bandela (jbandela-at-ufl.edu)
John Maddock (john - at - johnmaddock.co.uk)
John R Bandela (jbandela-at-ufl.edu)
Jonathan Turkanis (turkanis -at- coderage dot com)
Juergen Hunold (hunold -at- ive.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200)
Kevlin Henney (kevlin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200)
Kresimir Fresl (fresl -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST)
Lars Gullik Bjinnes (larsbj -at- lyx.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100)
Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu)
Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100)
Mac Murrett (mmurrett -at- mac.com)
Marc Wintermantel (wintermantel -at- imes.mavt.ethz.ch, wintermantel -at- even-ag.ch) (See CVS log)
Michael Glassford (glassfordm - at - hotmail.com)
Michael Stevens (Michael.Stevens - at - epost.de)
Multi Media Ltd. (pdimov@mmltd.net)
Nicolai M Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100)
Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)
Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)
Pavol Droba (droba -at- topmail.sk)
Peter Dimov (pdimov@mmltd.net)
R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100)
Rene Rivera (grafik/redshift-software.com, rrvera/acm.org)
Robert Ramey (ramey@www.rrsd.com)
Roland Richter (roland -at- flll.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)
Roland Schwarz (roland.schwarz -at- chello.at)
Ronald Garcia (garcia-at-cs.indiana.edu) (Email to Andreas Huber, see change log)
Samuel Krempp (krempp-at-transcens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)
Stefan Seefeld (seefeld-at-sympatico.ca)
Stephen Cleary (scleary-at-jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)
Steve Cleary (Variant of Stephen Cleary)
Sylvain Pion (Sylvain.Pion -at-sophia.inria.fr)
The Trustees of Indiana University ()
Thomas Witt (witt-at-ive.uni-hannover.de, witt-at-acm.org, witt-at-styleadvisor.com)
Thorsten Jrgen Ottosen (nesotto-at-cs.auc.dk)
Thorsten Ottosen (nesotto-at-cs.auc.dk)
Toon Knapen (toon dot knapen -at-fft.be)
Trustees of Indiana University ()
University of Notre Dame ()
Vladimir Prus (ghost@cs.msu.su)
William E. Kempf () (email to Beman Dawes, 9/14/2006 4:18 PM)
Joerg Walter (jhr.walter-at-t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200)
Mathias Koch (mkoch-at-idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---
This package was debianized by Vladimir Prus <ghost@cs.msu.su> on

Copyright:

/\  
+\Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.  
\+/

This is Release 2.4 of Jam/MR, a make-like program.

License is hereby granted to use this software and distribute it
freely, as long as this copyright notice is retained and modifications
are clearly marked.

ALL WARRANTIES ARE HEREBY DISCLAIMED.

Some portions are also:

Copyright 2001-2006 David Abrahams.
Copyright 2002-2006 Rene Rivera.
Copyright 2003-2006 Vladimir Prus.

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
===========================================================================
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.
Use, modification and distribution is subject to the Boost Software License, Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
============================================================================

The default copyright note for C++ source files reads:

// Boost.Geometry (aka GGL, Generic Geometry Library)

// Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

// Parts of Boost.Geometry are redesigned from Geodan's Geographic Library
// (geolib/GGL), copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.

// Use, modification and distribution is subject to the Boost Software License,
// Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)

Exceptions:
1) Major work of any author -> might change order, change date
2) Exclusive work of one author including design -> might take sole copyright

Examples:
- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
3) Examples -> might take sole copyright
4) Tests -> might take sole copyright
5) Docs -> might take sole copyright
6) Utilities e.g. converters -> might take sole copyright

The copyright note for other (source) files as .py, Jamfiles, etc is similar and comments are changed accordingly.

[...]
Copyright 2006 - 2010 John Maddock and Paul A. Bristow.
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt).
]
<?xml version="1.0" encoding="UTF-8"?>
<!DOCTYPE article PUBLIC "-/Boost/DTD BoostBook XML V1.0//EN"
"http://www.boost.org/tools/boostbook/dtd/boostbook.dtd">
<article id="copyright_test" last-revision="DEBUG MODE Date: 2000/12/20 12:00:00 $"
xmlns:xi="http://www.w3.org/2001/XInclude">
This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

**HISTORY -**

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.

Jesper Peterson (jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and
Brian D. Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and
Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(agt@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn’t
made it into the released version of the collector, yet.)

```
[ /
  Copyright 2007 John Maddock.
  Distributed under the Boost Software License, Version 1.0.
  (See accompanying file LICENSE_1_0.txt or copy at
   http://www.boost.org/LICENSE_1_0.txt).
 ]
```

[section:mpl MPL Interoperability]

All the value based traits in this library conform to MPL’s requirements
for an [@../../../../libs/mpl/doc/refmanual/integral-constant.html Integral Constant type].

Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library
will no longer implicitly include any MPL header. However there is an implicit conversion from
`integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types
in function overloads will still work as before.

[endsect]

Software License, Version 1.0

Copyright 2002-2003, Trustees of Indiana University.
Copyright 2000-2001, University of Notre Dame.
All rights reserved.

Indiana University has the exclusive rights to license this product under the
following license.
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license;

* All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution;

* Any documentation included with all redistributions must include the following acknowledgement:

"This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana University. For technical information contact Andrew Lumsdaine at the Pervasive Technology Labs at Indiana University. For administrative and license questions contact the Advanced Research and Technology Institute at 351 West 10th Street, Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902."

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

* The name Indiana University, the University of Notre Dame or "Caramel" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact Indiana University Advanced Research & Technology Institute.

* Products derived from this software may not be called "Caramel", nor may Indiana University, the University of Notre Dame or "Caramel" appear in their name, without prior written permission of Indiana University Advanced Research & Technology Institute.

Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise.

LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE
PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.
The following people hereby grant permission to replace all existing licenses on their contributions to Boost with the Boost Software License, Version 1.0. (boostinspect:nolicense boostinspect:nocopyright)

Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Andrei Alexandrescu (andrewalex - at - hotmail.com) (See Boost list message of August 12, 2004 11:06:58 AM EST)
Andrew Lumsdaine ()
Anthony Williams (anthony - at - justsoftwaresolutions.co.uk)
Beman Dawes (bdawes@acm.org)
Brad King (brad.king -at- kitware.com) (See Boost list message of Wed, 21 Jul 2004 11:15:46 -0400)
Brian Osman (osman -at- vvisions.com) (See CVS log)
Bruce Barr (schmoost -at- yahoo.com) (See Boost list of Mon, 16 Aug 2004 15:06:43 -0500)
Bruno da Silva de Oliveira (bruno - at - esss.com.br)
Christain Engstrom (christian.engstrom -at- glindra.org) (See Boost list message of Mon, 30 Aug 2004 14:31:49 +0200)
Cromwell D Enage (sponage -at- yahoo.com) (See Boost list message of August 12, 2004 11:49:13 AM EST)
Dan Gohman (djg -at- cray.com) (See Boost list messsage of Sat, 21 Aug 2004 10:54:59 +0100)
Dan Nuffer (dan -at- nuffer.name)
Daniel Frey (d.frey -at- gmx.de, daniel.frey -at- aixigo.de)
Daniel Nuffer (dan -at- nuffer.name)
Darin Adler (darin -at- bentspoon.com) (Email to Andreas Huber, see change log)
Daryle Walker (darylew - at - hotmail.com)
Dave Abrahams (dave@boost-consulting.com)
Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500)
David Abrahams (dave@boost-consulting.com)
Dietmar Kuehl (dietmar_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log)
Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com)
Dr John Maddock (john - at - johnmaddock.co.uk)
Edward D. Brey (brey -at- dutcatape.net) (Email to Andreas Huber, see change log)
Eric Ford (un5o6n902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100)
Eric Friedman (ebf@users.sourceforge.net)
Eric Niebler (eric@boost-consulting.com)
Fernando Cacciola (fernando_cacciola@ciudad.com.ar)
Fernando Luis Cacciola Carballal (fernando_cacciola@ciudad.com.ar)
Francois Faure (Francois.Faure -at- imag.fr) (See CVS log)
Gary Powell (powellg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800)
Gennady Rozental (rogeeff -at- mail.com) (Email to Andreas Huber, see change log)
Gottfried Ganssaue (Gottfried.Ganssauge -at- HAUF.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19 +0200)
Gottfried Ganaue (Gottfried.Ganssauge -at- HAUF.DE) (Alternative spelling of Gottfried Ganssauge)
Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)
Hartmut Kaiser (harmut.kaiser -at- gmx.de)
Herne Bronnimann (hbr -at- poly.edu)
Herv Brnnimann (hbr -at- poly.edu)
Housemarque Oy (Ilari Kuittinen ilari.kuittinen -at- housemarque.fi)
Howard Hinnant (hinnant -at- twcny.rr.com) (See Boost list message of July 25, 2004 3:44:49 PM EST)
Hubert Holin (hubert_holin -at- users.sourceforge.net)
Indiana University ()
Itay Maman (imaman -at- users.sourceforge.net)
Jaakko Jrvi (jajarvi -at- osl.iu.edu)
Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700)
Jeff Garland (jeff - at - crystalcalearsofware.com) (see Boost list post of July 25, 2004 19:31:09 -0700)
Jens Maurer (Jens.Maurer@gmx.net)
Jeremy G Siek (jsiek@osl.iu.edu)
Jeremy Siek (jsiek@osl.iu.edu)
Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST)
John Bandela (jbandela-at-ufl.edu)
John Maddock (john - at - johnmaddock.co.uk)
John R Bandela (jbandela-at-ufl.edu)
Jonathan Turkanis (turkanis -at- coderage dot com)
Juergen Hunold (hunold -at- ive.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200)
Kevlin Henney (kevlin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200)
Kresimir Fresl (fresl -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST)
Lars Gullik Bjannes (larsbj -at- ly.ox.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100)
Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu)
Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100)
Mac Murrett (mmurrett -at- mac.com)
Marc Wintermantel (wintermantel -at- imes.mavt.ethz.ch, wintermantel -at- even-ag.ch) (See CVS log)
Michael Glassford (glassfordm - at - hotmail.com)
Michael Stevens (Michael.Stevens - at - epost.de)
Multi Media Ltd. (pdimov@mmltd.net)
Nicolai M Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100)
Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)
Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)
Pavol Droba (droba -at- topmail.sk)
Peter Dimov (pdimov@mmltd.net)
R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100)
Rene Rivera (grafik/redshift-software.com, rrivera/acm.org)
Robert Ramey (ramey@www.rrsd.com)
Roland Richter (roland -at- fill.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)
Roland Schwarz (roland.schwarz -at- chello.at)
Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log)
Samuel Krempf (krempf -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)
Stefan Seefeld (seefeld -at- sympatico.ca)
Stephen Cleary (scleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)
Steve Cleary (Variant of Stephen Cleary)
Sylvain Pion (Sylvain.Pion - at - sophia.inria.fr)
The Trustees of Indiana University ()
#!/usr/bin/env python
from subprocess import check_output as run
from datetime import datetime
from itertools import groupby
from operator import itemgetter
import re
import magic

def authors(filename):
    log = run(['git', 'log', '--follow',
               '--date=short', '--format=%aN%x09%ad', filename],
               universal_newlines=True)
    for line in log.splitlines():
        author, date = line.split('	')
        if author != 'fix-copyright.py':
            yield author, datetime.strptime(date, '%Y-%m-%d')

def new_copyright(filename, previous):
    def f():
        au = list(authors(filename))
        alldates = map(itemgetter(1), au)
        aup = sorted(au + map(lambda a: (a, None), previous), key=itemgetter(0))
        for author, records in groupby(aup, itemgetter(0)):
            dates = filter(None, map(itemgetter(1), records))
            if not dates: dates = alldates
            start = min(dates)
            end = max(dates)
            fmt = '{0}' if start.year == end.year else '{0}-{1}'
            line = 'Copyright ' + fmt.format(start.year, end.year) + ' ' + author
            key = (start, author)
            yield key, line
        return map(itemgetter(1), sorted(f()))

def fix_copyright(filename):
    # Find copyright block in original file
    prefix = set()
names = []
lines = []
with open(filename, 'r') as f:
    content = list(f)
for i, line in enumerate(content[:15]):
    m = re.match(r'^(?P<prefix>\W*)(\(c\))?\s+?copyright\s+(?c)\s+\d{4}(\s*-\s+\d{4})?\s+\(\?P<name>+.+?\)\s+\$\s+', line, re.IGNORECASE)
    if m:
        d = m.groupdict()
        prefix.add(d['prefix'])
        lines.append(i)
        names.append(d['name'].strip())
    if len(prefix) != 1:
        print 'Not found:', filename
        return
    prefix = list(prefix)[0]

print filename
new = iter(new_copyright(filename, names))
with open(filename, 'w') as f:
    for i, line in enumerate(content):
        if i in lines:
            for repl in new:
                print >>f, prefix + repl
        else:
            print >>f, line,
    pass

def all_files():
    ls = run(['git', 'ls-files'], universal_newlines=True)
    for filename in ls.splitlines():
        if magic.from_file(filename, mime=True).split('/')[0] == 'text':
            yield filename

for f in all_files():
    fix_copyright(f)

===========================================================================
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

Use, modification and distribution is subject to the Boost Software License,
Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
===========================================================================

The default copyright note for C++ source files reads:
// Boost.Geometry (aka GGL, Generic Geometry Library)

// Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

// Parts of Boost.Geometry are redesigned from Geodan's Geographic Library
// (geolib/GGL), copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.

// Use, modification and distribution is subject to the Boost Software License,
// Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)

Exceptions:
1) Major work of any author -> might change order, change date
2) Exclusive work of one author including design -> might take sole copyright
Examples:
- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
3) Examples -> might take sole copyright
4) Tests -> might take sole copyright
5) Docs -> might take sole copyright
6) Utilities e.g. converters -> might take sole copyright

The copyright note for other (source) files as .py, Jamfiles, etc is similar
and comments are changed accordingly.
Use of this software is granted under one of the following two licenses,
to be chosen freely by the user.

===============================================================================
Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

2. The MIT License

==============================================

Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

// (C) Copyright Ion Gaztanaga 2006-2014
// (C) Copyright Microsoft Corporation 2014

// Distributed under the Boost Software License, Version 1.0.
// (See accompanying file LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)

#ifndef BOOST_INTRUSIVE_DETAIL_MPL_HPP
#define BOOST_INTRUSIVE_DETAIL_MPL_HPP

//
#endif // BOOST_INTRUSIVE_DETAIL_MPL_HPP
#ifndef BOOST_CONFIG_HPP
# include <boost/config.hpp>
#endif

#if defined(BOOST_HAS_PRAGMA_ONCE)
# pragma once
#endif

#include <boost/intrusive/detail/config_begin.hpp>
#include <boost/move/detail/type_traits.hpp>
#include <cstdlib>

namespace boost {
namespace intrusive {
namespace detail {

using boost::move_detail::is_same;
using boost::move_detail::add_const;
using boost::move_detail::remove_const;
using boost::move_detail::remove_cv;
using boost::move_detail::remove_reference;
using boost::move_detail::add_reference;
using boost::move_detail::remove_pointer;
using boost::move_detail::add_pointer;
using boost::move_detail::true_type;
using boost::move_detail::false_type;
using boost::move_detail::enable_if_c;
using boost::move_detail::enable_if;
using boost::move_detail::disable_if_c;
using boost::move_detail::disable_if;
using boost::move_detail::isConvertible;
using boost::move_detail::if_c;
using boost::move_detail::if_;
using boost::move_detail::is_const;
using boost::move_detail::identity;
using boost::move_detail::alignment_of;
using boost::move_detail::is_empty;
using boost::move_detail::addressof;
using boost::move_detail::integral_constant;
using boost::move_detail::enable_if_convertible;
using boost::move_detail::disable_if_convertible;
using boost::move_detail::bool_;
using boost::move_detail::true_;
using boost::move_detail::false_;
using boost::move_detail::yes_type;
using boost::move_detail::no_type;
using boost::move_detail::apply;

using boost::move_detail::eval_if_c;
using boost::move_detail::eval_if;
using boost::move_detail::unvoid_ref;
using boost::move_detail::add_const_if_c;

template<std::size_t S>
struct ls_zeros
{
    static const std::size_t value = (S & std::size_t(1)) ? 0 : (1 + ls_zeros<(S>>1u)>::value);
};

template<>
struct ls_zeros<0>
{
    static const std::size_t value = 0;
};

template<>
struct ls_zeros<1>
{
    static const std::size_t value = 0;
};

// Infrastructure for providing a default type for T::TNAME if absent.
#define BOOST_INTRUSIVE_INSTANTIATE_DEFAULT_TYPE_TMPLT(TNAME)     
    template <typename T, typename DefaultType>                    
    struct boost_intrusive_default_type_ ## TNAME                  
    {                                                              
        template <typename X>                                       
        static char test(int, typename X::TNAME*);                  
        
        template <typename X>                                       
        static int test(...);                                       
        
        struct DefaultWrap { typedef DefaultType TNAME; };          
        
        static const bool value = (1 == sizeof(test<T>(0, 0)));     
        
        typedef typename                                            
            ::boost::intrusive::detail::if_c                         
            <value, T, DefaultWrap>::type::TNAME type;            
    }                                                              
};                                                             
#
#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_DEFAULT(INSTANTIATION_NS_PREFIX, T,
TNAME, TIMPL)   
    typename INSTANTIATION_NS_PREFIX
        boost_intrusive_default_type_ ## TNAME< T, TIMPL >::type

//

#define BOOST_INTRUSIVE_INSTANTIATE_EVAL_DEFAULT_TYPE_TMLPT(TNAME)\
  template <typename T, typename DefaultType>\
  struct boost_intrusive_eval_default_type_ ## TNAME\
  {\
    template <typename X>\
    static char test(int, typename X::TNAME*);\
    \\template <typename X>\
    static int test(...);\
    \\struct DefaultWrap\
    { typedef typename DefaultType::type TNAME; };\
    \\static const bool value = (1 == sizeof(test<T>(0, 0)));
    \\typedef typename\
    ::boost::intrusive::detail::eval_if_c\
    < value\
    , ::boost::intrusive::detail::identity<T>\
    , ::boost::intrusive::detail::identity<DefaultWrap>\
    >::type::TNAME type;\
  };
//

#define BOOST_INTRUSIVE_OBTAIN_TYPE_WITH_EVAL_DEFAULT(INSTANTIATION_NS_PREFIX, T, TNAME, TIMPL)\
  typename INSTANTIATION_NS_PREFIX\
  boost_intrusive_eval_default_type_ ## TNAME< T, TIMPL >::type\
//

#define BOOST_INTRUSIVE_INTERNAL_STATIC_BOOL_IS_TRUE(TRAITS_PREFIX, TYPEDEF_TO_FIND)\
  template <class T>\
  struct TRAITS_PREFIX##_bool\
  {\
    template<bool Add>\
    struct two_or_three {yes_type _[2 + Add];};\
    template <class U> static yes_type test(...);\
    template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);\
    static const std::size_t value = sizeof(test<T>(0));\n  };
  \\template <class T>\
  struct TRAITS_PREFIX##_bool\
  {\
    template<bool Add>\
    struct two_or_three {yes_type _[2 + Add];};\
    template <class U> static yes_type test(...);\
    template <class U> static two_or_three<U::TYPEDEF_TO_FIND> test (int);\
    static const std::size_t value = sizeof(test<T>(0));\n  };
  \\template <class T>\
  struct TRAITS_PREFIX##_bool_is_true\
  {\
    static const bool value = TRAITS_PREFIX##_bool<T>::value > sizeof(yes_type)*2;\n  };

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 116
```cpp
#define BOOST_INTRUSIVE_HAS_STATIC_MEMBER_FUNC_SIGNATURE(TRAITS_NAME,
FUNC_NAME) \
    template <typename U, typename Signature> \
    class TRAITS_NAME \
    { \
    private: \
    template<Signature> struct helper; \
    template<typename T> \
    static ::boost::intrusive::detail::yes_type test(helper<&T::FUNC_NAME>*); \
    template<typename T> static ::boost::intrusive::detail::no_type test(...); \
    public: \
    static const bool value = sizeof(test<U>(0)) == sizeof(::boost::intrusive::detail::yes_type); \
    }; \

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME, FUNC_NAME) \
    template <typename Type> \
    struct TRAITS_NAME \
    { \
    struct BaseMixin \
    { \
    void FUNC_NAME(); \
    }; \
    struct Base : public Type, public BaseMixin { Base(); }; \
    template <typename T, T t> class Helper{}; \
    template <typename U> \
    static ::boost::intrusive::detail::no_type  test(U*, Helper<void (BaseMixin::*)(), &U::FUNC_NAME>* = 0); \
    static ::boost::intrusive::detail::yes_type test(...); \
    static const bool value = sizeof(::boost::intrusive::detail::yes_type) == sizeof(test((Base*)(0))); \
    }; \

#define BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED_IGNORE_SIGNATURE(TRAITS_NAME,
FUNC_NAME) \
BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME) \

BOOST_INTRUSIVE_HAS_MEMBER_FUNC_CALLED(TRAITS_NAME##_ignore_signature, FUNC_NAME) \

    template <typename Type, class> \
    struct TRAITS_NAME \
    : public TRAITS_NAME##_ignore_signature<Type> \
    { }; \

} //namespace intrusive

} //namespace intrusive
```

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

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

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

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

===========================================================================
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

Use, modification and distribution is subject to the Boost Software License,
Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
===========================================================================

The default copyright note for C++ source files reads:

// Boost.Geometry (aka GGL, Generic Geometry Library)

// Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

// Parts of Boost.Geometry are redesigned from Geodan's Geographic Library
// (geolib/GGL), copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.
// Use, modification and distribution is subject to the Boost Software License,
// Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)

Exceptions:
1) Major work of any author -> might change order, change date
2) Exclusive work of one author including design -> might take sole copyright
Examples:
- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
3) Examples -> might take sole copyright
4) Tests -> might take sole copyright
5) Docs -> might take sole copyright
6) Utilities e.g. converters -> might take sole copyright

The copyright note for other (source) files as .py, Jamfiles, etc is similar
and comments are changed accordingly.

<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=US-ASCII">
<title>MPL Interoperability</title>
<link rel="stylesheet" href="../../../../doc/src/boostbook.css" type="text/css">
<meta name="generator" content="DocBook XSL Stylesheets V1.79.1">
<link rel="home" href="../index.html" title="Chapter 1. Boost.TypeTraits">
<link rel="up" href="../index.html" title="Chapter 1. Boost.TypeTraits">
<link rel="prev" href="intrinsics.html" title="Support for Compiler Intrinsics">
<link rel="next" href="examples.html" title="Examples">
</head>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<table cellpadding="2" width="100%">
<tr>
<td valign="top"><img alt="Boost C++ Libraries" width="277" height="86" src="../../../../boost.png"></td>
<td align="center"><a href="../../../../index.html">Home</a></td>
<td align="center"><a href="../../../../libs/libraries.htm">Libraries</a></td>
<td align="center"><a href="http://www.boost.org/users/people.html">People</a></td>
<td align="center"><a href="http://www.boost.org/users/faq.html">FAQ</a></td>
<td align="center"><a href="../../../../more/index.htm">More</a></td>
</tr></table>
<hr>
<div class="spirit-nav">
<a accesskey="p" href="intrinsics.html"><img src="../../../../doc/src/images/prev.png" alt="Prev"></a><a accesskey="u" href="../index.html"><img src="../../../../doc/src/images/up.png" alt="Up"></a><a accesskey="h" href="/index.html"><img src="../../../../doc/src/images/home.png" alt="Home"></a><a accesskey="n" href="examples.html"><img src="../../../../doc/src/images/next.png" alt="Next"></a>
</div>
MPL Interoperability

All the value based traits in this library conform to MPL’s requirements for an Integral Constant type.

Please note that these types no longer inherit from `mpl::true_` or `mpl::false_` etc, and the library will no longer implicitly include any MPL header. However there is an implicit conversion from `integral_constant` to the corresponding MPL types, therefore tag-dispatching that uses MPL types in function overloads will still work as before.

The following people hereby grant permission to replace all existing licenses on their contributions to Boost with the Boost Software License, Version 1.0. (boostinspect:nolicense boostinspect:nocopyright)
Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Andrei Alexandrescu (andrewalex - at - hotmail.com) (See Boost list message of August 12, 2004 11:06:58 AM EST)
Andrew Lumsdaine ()
Anthony Williams (anthony -at- justsoftwaresolutions.co.uk)
Beman Dawes (bdawes@acm.org)
Brad King (brad.king -at- kitware.com) (See Boost list message of Wed, 21 Jul 2004 11:15:46 -0400)
Brian Osman (osman -at- vvisions.com) (See CVS log)
Bruce Barr (schmoost -at- yahoo.com) (See Boost list of Mon, 16 Aug 2004 15:06:43 -0500)
Bruno da Silva de Oliveira (bruno - at - esss.com.br)
Christain Engstrom (christian.engstrom -at- glindra.org) (See Boost list message of Mon, 30 Aug 2004 14:31:49 +0200)
Cromwell D Enage (spounge -at- yahoo.com) (See Boost list message of August 12, 2004 11:49:13 AM EST)
Dan Gohman (djg -at- cray.com) (See Boost list messsage of Sat, 21 Aug 2004 10:54:59 +0100)
Dan Nuffer (dan -at- nuffer.name)
Daniel Frey (d.frey -at- gmx.de, daniel.frey -at- aixigo.de)
Daniel Nuffer (dan -at- nuffer.name)
Darin Adler (darin -at- bentspoon.com) (Email to Andreas Huber, see change log)
Daryle Walker (darylew - at - hotmail.com)
Dave Abrahams (dave@boost-consulting.com)
Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500)
David Abrahams (dave@boost-consulting.com)
Dietmar Kuehl (dietmar_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log)
Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com)
Dr John Maddock (john - at - johnmaddock.co.uk)
Edward D. Brey (brey -at- ductape.net) (Email to Andreas Huber, see change log)
Eric Ford (un5o6n902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100)
Eric Friedman (ebf@users.sourceforge.net)
Eric Niebler (eric@boost-consulting.com)
Fernando Cacciola (fernando_cacciola@ciudad.com.ar)
Fernando Luis Cacciola Carballal (fernando_cacciola@ciudad.com.ar)
Francois Faure (Francois.Faure -at- imag.fr) (See CVS log)
Gary Powell (powellg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800)
Gennadiy Rozental (rogoeff -at- mail.com) (Email to Andreas Huber, see change log)
Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUF.E.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19 +0200)
Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUF.E.DE) (Alternative spelling of Gottfried Ganssauge)
Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)
Hartmut Kaiser (hartmut.kaiser -at- gmail.com)
Herve Bronnimann (hrbr -at- poly.edu)
Herv Brnnimann (hrbr -at- poly.edu)
Housemarque Oy (Ilari Kuittinen ilari.kuittinen -at- housemarque.fi)
Howard Hinnant (hinnant -at- twcny.rr.com) (See Boost list message of July 25, 2004 3:44:49 PM EST)
Hubert Holin (hubert_holin -at- users.sourceforge.net)
Indiana University ()
Itay Maman (imaman -at- users.sourceforge.net)
Jaakko Jrvi (jjarvi -at- osl.iu.edu)
Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700)
Jeff Garland (jeff - at - crystalcontrolssoftware.com) (see Boost list post of July 25, 2004 19:31:09 -0700)
Jens Maurer (Jens.Maurer@gmx.net)
Jeremy G Siek (jsiek@osl.iu.edu)
Jeremy Siek (jsiek@osl.iu.edu)
Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST)
John Bandela (jbandela-at-ufi.edu)
John Maddock (john - at - johnmaddock.co.uk)
John R Bandela (jbandela-at-ufi.edu)
Jonathan Turkanis (turkanis -at- coderage dot com)
Juergen Hunold (hunold -at- ivi.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200)
Kevlin Henney (kevlin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200)
Kresimir Frel (frel -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST)
Lars Gullik Bijnnes (larbj -at- lyx.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100)
Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu)
Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100)
Mac Murrett (mmurrett -at- mac.com)
Marc Wintermantel (wintermantel -at- imes.mavt.ethz.ch, wintermantel -at- even-ag.ch) (See CVS log)
Michael Glassford (glassfordm - at - hotmail.com)
Michael Stevens (Michael.Stevens - at - epost.de)
Multi Media Ltd. (pdimov@mmltd.net)
Nicolai M Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100)
Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)
Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)
Pavol Droba (droba -at- topmail.sk)
Peter Dimov (pdimov@mmltd.net)
R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100)
Rene Rivera (grafik/redshift-software.com, rrivera/acm.org)
Robert Ramey (ramey@www.rrsd.com)
Roland Richter (roland -at- fill1.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)
Roland Schwarz (roland.schwarz -at- chello.at)
Ronald Garcia (garcia - at- cs.indiana.edu) (Email to Andreas Huber, see change log)
Samuel Krempp (krempp -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)
Stefan Seefeld (seefeld -at- sympatico.ca)
Stephen Cleary (sacleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)
Steve Cleary (Variant of Stephen Cleary)
Sylvain Pion (Sylvain.Pion - at - sophia.inria.fr)
The Trustees of Indiana University ()
Thomas Witt (witt - at - ive.uni-hannover.de, witt - at - acm.org, witt - at - styleadvisor.com)
Thorsten Jrgen Ottosen (nesotto - at - cs.auc.dk)
Thorsten Ottosen (nesotto - at - cs.auc.dk)
Toon Knapen (toon dot knapen - at - fft.be)
The Trustees of Indiana University ()
Copyright:

\+
+\Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.
\+

This is Release 2.4 of Jam/MR, a make-like program.

License is hereby granted to use this software and distribute it freely, as long as this copyright notice is retained and modifications are clearly marked.

ALL WARRANTIES ARE HEREBY DISCLAIMED.

Some portions are also:

Copyright 2001-2006 David Abrahams.
Copyright 2002-2006 Rene Rivera.
Copyright 2003-2006 Vladimir Prus.

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
[article Invalid copyright years
[quickbook 1.5]
[copyright 2010-2001 Timequake man]
]
Use of this software is granted under one of the following two licenses, to be chosen freely by the user.

===============================================================================

Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

2. The MIT License
===============================================================================
Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

The following people hereby grant permission to replace all existing licenses on their contributions to Boost with the Boost Software License, Version 1.0. (boostinspect:nolicense boostinspect:nocopyright)

Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Andrei Alexandrescu (andrewalex - at - hotmail.com) (See Boost list message of August 12, 2004 11:06:58 AM EST)
Andrew Lumsdaine ()
Anthony Williams (anthony -at- justsoftwaresolutions.co.uk)
Beman Dawes (bdawes@acm.org)
Brad King (brad.king -at- kitware.com) (See Boost list message of Wed, 21 Jul 2004 11:15:46 -0400)
Brian Osman (osman -at- vvisions.com) (See CVS log)
Bruce Barr (schmoost -at- yahoo.com) (See Boost list of Mon, 16 Aug 2004 15:06:43 -0500)
Bruno da Silva de Oliveira (bruno - at - esss.com.br)
Christian Engstrom (christian.engstrom -at- glindra.org) (See Boost list message of Mon, 30 Aug 2004 14:31:49 +0200)
Cromwell D Enage (sponage -at- yahoo.com) (See Boost list message of August 12, 2004 11:49:13 AM EST)
Dan Gohman (djg -at- cray.com) (See Boost list message of Sat, 21 Aug 2004 10:54:59 +0100)
Dan Nuffer (dan -at- nuffer.name)
Daniel Frey (d.frey -at- gmx.de, daniel.frey -at- aixigo.de)
Dale Huber (dan -at- nuffer.name)
Darren Adler (darin -at- bentspoon.com) (Email to Andreas Huber, see change log)
Daryle Walker (darylew - at - hotmail.com)
Dave Abrahams (dave@boost-consulting.com)
Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500)
David Abrahams (dave@boost-consulting.com)
Dietmar Kuehl (dietmar_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log)
Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com)
Dr John Maddock (john - at - johnmaddock.co.uk)
Edward D. Brey (brey -at- ductape.net) (Email to Andreas Huber, see change log)
Eric Ford (un5ofn902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100)
Eric Friedman (ebf@users.sourceforge.net)
Eric Niebler (eric@boost-consulting.com)
Fernando Cacciola (fernando_cacciola@ciudad.com.ar)
Fernando Luis Cacciola Carballal (fernando_cacciola@ciudad.com.ar)
Francois Faure (Francois.Faure -at- imag.fr) (See CVS log)
Gary Powell (powellg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800)
Gennadiy Rozental (rogeeff -at- mail.com) (Email to Andreas Huber, see change log)
Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUFE.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19 +0200)
Gottfried Ganaue (Gottfried.Ganssauge -at- HAUFE.DE) (Alternative spelling of Gottfried Ganssauge)
Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)
Hartmut Kaiser (hartmut.kaiser -at- gmail.com)
Herve Bronnimann (hbr -at- poly.edu)
Herv Brnnimann (hbr -at- poly.edu)
Housemarque Oy (Ilari Kuittinen ilari.kuittinen -at- housemarque.fi)
Howard Hindman (hinnant -at- twenyrr.com) (See Boost list message of July 25, 2004 3:44:49 PM EST)
Hubert Holin (hubert_holin -at- users.sourceforge.net)
Indiana University ()
Itay Maman (imaman -at- users.sourceforge.net)
Jaakko Jrv (jarjarv -at- osl.ii.edu)
Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700)
Jeff Garland (jeff - at - crystalclearsoftware.com) (see Boost list post of July 25, 2004 19:31:09 -0700)
Jens Maurer (Jens.Maurer@gmx.net)
Jeremy G Siek (jsiek@osl.iu.edu)
Jeremy Siek (jsiek@osl.iu.edu)
Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST)
John Bandela (jbandela-at-ufi.edu)
John Maddock (john - at - johnmaddock.co.uk)
John R Bandela (jbandela-at-ufi.edu)
Jonathan Turkanis (turkanis - at - coderage dot com)
Juergen Hunold (hunold -at- ive.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200)
Kevlin Henney (kevlin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200)
Kresimir Fresl (fresl -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST)
Lars Gullik Bjunes (larsbj -at- lyx.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100)
Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu)
Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100)
Mac Murrett (mmurrett -at- mac.com)
Marc Wintermantel (wintermantel -at- imes.mavt.ethz.ch, wintermantel -at- even-ag.ch) (See CVS log)
Michael Glassford (glassfordm - at - hotmail.com)
Michael Stevens (Michael.Stevens - at - epost.de)
Multi Media Ltd. (pdimov@mmltd.net)
Nicolai M Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100)
Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)
Paul Mensonides (pmenson57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)
Pavol Droba (droba -at- topmail.sk)
Peter Dimov (pdimov@mmltd.net)
R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100)
Rene Rivera (grafik/redshift-software.com, rrivera/acm.org)
Robert Ramey (ramey@www.rrsd.com)
Roland Richter (roland -at- flil.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)
Roland Schwarz (roland.schwarz -at- chello.at)
Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log)
Samuel Krempf (krempp -at- crans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)
Stefan Seefeld (seefeld -at- sympatico.ca)
Stephen Cleary (scleary -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)
Steve Cleary (Variant of Stephen Cleary)
Sylvain Pion (Sylvain.Pion - at - sophia.inria.fr)
The Trustees of Indiana University ()
Thomas Witt (witt - at - ive.uni-hannover.de, witt - at - acm.org, witt - at - styleadvisor.com)
Thorsten Jrgen Ottosen (nesotto - at - cs.auc.dk)
Thorsten Ottosen (nesotto - at - cs.auc.dk)
Toon Knapen (toon dot knapen - at - fft.be)
The Trustees of Indiana University ()
University of Notre Dame ()
Vladimir Prus (ghost@cs.msu.su)
William E. Kempf () (email to Beman Dawes, 9/14/2006 4:18 PM)
Joerg Walter (jhr.walter - at - t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200)
Mathias Koch (mkoch - at - idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

--- end ---
[article Invalid copyright
[quickbook 1.5]
[copyright No year]
]

Maybe this should pass?
Boost Software License - Version 1.0 - August 17th, 2003

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT
SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE
FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE,
ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER
DEALINGS IN THE SOFTWARE.
Software License, Version 1.0

Copyright 2002-2003, Trustees of Indiana University.
Copyright 2000-2001, University of Notre Dame.
All rights reserved.

Indiana University has the exclusive rights to license this product under the
following license.

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

* All redistributions of source code must retain the above copyright notice,
  the list of authors in the original source code, this list of conditions
  and the disclaimer listed in this license;
* All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution;

* Any documentation included with all redistributions must include the following acknowledgement:

  "This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana University. For technical information contact Andrew Lumsdaine at the Pervasive Technology Labs at Indiana University. For administrative and license questions contact the Advanced Research and Technology Institute at 351 West 10th Street, Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902."

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

* The name Indiana University, the University of Notre Dame or "Caramel" shall not be used to endorse or promote products derived from this software without prior written permission from Indiana University. For written permission, please contact Indiana University Advanced Research & Technology Institute.

* Products derived from this software may not be called "Caramel", nor may Indiana University, the University of Notre Dame or "Caramel" appear in their name, without prior written permission of Indiana University Advanced Research & Technology Institute.

Indiana University provides no reassurances that the source code provided does not infringe the patent or any other intellectual property rights of any other entity. Indiana University disclaims any liability to any recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise.

LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES", "TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.

/*
 *
* Copyright (c) 2003 Dr John Maddock
* Use, modification and distribution is subject to the
* Boost Software License, Version 1.0. (See accompanying file
* LICENSE_1_0.txt or copy at http://www.boost.org/LICENSE_1_0.txt)
#include "licence_info.hpp"
#include "bcp_imp.hpp"
#include "fileview.hpp"
#include <fstream>
#include <iomanip>
#include <cstring>
#include <stdexcept>
#include <boost/lexical_cast.hpp>
#include <boost/filesystem/operations.hpp>
#include <boost/throw_exception.hpp>

//
// split_path is a small helper for outputting a path name,
// complete with a link to that path:
//
struct split_path
{
  const fs::path& root;
  const fs::path& file;
  split_path(const fs::path& r, const fs::path& f)
    : root(r), file(f){}
private:
  split_path& operator=(const split_path&);
};

std::ostream& operator << (std::ostream& os, const split_path& p)
{
  os << "<a href=" << (p.root / p.file).string() << ">
    " << p.file.string() << "</a>";
  return os;
}

std::string make_link_target(const std::string& s)
{
  // convert an arbitrary string into something suitable
  // for an <a> name:
  std::string result;
  for(unsigned i = 0; i < s.size(); ++i)
  {
    result.append(1, static_cast<std::string::value_type>(std::isalnum(s[i]) ? s[i] : '_'));
  }
  return result;
}

void bcp_implementation::output_license_info()
std::pair<const license_info*, int> licenses = get_licenses();

std::map<int, license_data>::const_iterator i, j;
i = m_license_data.begin();
j = m_license_data.end();

std::ofstream os(m_dest_path.string().c_str());
if(!os)
{
    std::string msg("Error opening ");
    msg += m_dest_path.string();
    msg += " for output."
    std::runtime_error e(msg);
    boost::throw_exception(e);
}

os << "<!DOCTYPE HTML PUBLIC "-//W3C//DTD HTML 4.0 Transitional//EN"">\n";
"<html>\n";
"<head>\n";
"<title>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
    os << " for " << *(m_module_list.begin());
}

os << "</title>\n";
"</head>\n";
"<body>\n";
"<H1>Boost Licence Dependency Information";
if(m_module_list.size() == 1)
{
    os << " for " << *(m_module_list.begin());
}

os << "</H1>\n";
"<H2>Contents</h2>
";
"<pre><a href="#input">Input Information</a>
";
if(!m_bsl_summary_mode)
    os << "<a href="#summary">Licence Summary</a>
";
else
    os << "<a href="#details">Licence Details</a>
";

while(i != j)
{
    // title:
    os << " <A href=""#"" ""make_link_target(licenses.first[i->first].license_name)"
        "">"" license_name ""</a>"";
    ++i;
os << "<a href="#files">Files with no recognised license</a>\n"
   "<a href="#authors">Files with no recognised copyright holder</a>\n";
if(!m_bsl_summary_mode)
{
   os <<
   "Moving to the Boost Software License...\n"
   "  <a href="#bsl-converted">Files that can be automatically converted to the Boost Software License</a>\n"
   "  <a href="#to-bsl">Files that can be manually converted to the Boost Software License</a>\n"
   "  <a href="#not-to-bsl">Files that can <b>NOT</b> be moved to the Boost Software License</a>\n"
   "<a href="#need-bsl-authors">Authors we need to move to the Boost Software License</a>\n"
   "<a href="#copyright">Copyright Holder Information</a>\n";
}

os <<
   "<a href="#depend">File Dependency Information</a>\n"
   "</pre>";

//
// input Information:
//
os << "<a name="input"></a><h2>Input Information</h2>\n";
if(m_scan_mode)
   os << "<P>The following files were scanned for boost dependencies:<BR>";
else
   os << "<P>The following Boost modules were checked:<BR>";
std::list<std::string>::const_iterator si = m_module_list.begin();
std::list<std::string>::const_iterator sj = m_module_list.end();
while(si != sj)
{
   os << *si << "<BR>";
   ++si;
}

os << "</p><p>The Boost path was: <code>" << m_boost_path.string() << "</code></p>";

//
// extract the boost version number from the boost directory tree,
// not from this app (which may have been built from a previous
// version):
//
fileview version_file(m_boost_path / "boost/version.hpp");
static const boost::regex version_regex(^
   "\[[[:blank:]]*[\[:blank:]]*\#define\[[[:blank:]]*BOOST_VERSION\[[[:blank:]]*([0-9]+)\]%\d+\)\);
boost::cmatch what;
if(boost::regex_search(version_file.begin(), version_file.end(), what, version_regex))
{
   int version = boost::lexical_cast<int>(what.str(1));
   os << "<p>The Boost version is: " << version / 100000 << "." << version / 100 % 1000 << "." << version % 100
// output each license:
//
i = m_license_data.begin();
j = m_license_data.end();
if(!m_bsl_summary_mode)
{
    // start with the summary:
    os << "<a name="summary"></a><h2>Licence Summary</h2>
    while(i != j)
    {
        // title:
        os << "<H3>
        // license text:
        os << "<BLOCKQUOTE>
        // Copyright holders:
        os << "<P>This license is used by " << i->second.authors.size() << " authors and " << i->second.files.size() << " files <a href="#" >> make_link_target(licenses.first[i->first].license_name) >> ">
        // Copyright holders:
        os << "</P>
    ++i;
    }
    // and now the details:
    //
i = m_license_data.begin();
j = m_license_data.end();
int license_index = 0;
os << "<a name="details"></a><h2>Licence Details</h2>
while(i != j)
{
    // title:
    os << "<H3>
    // license text:
    os << "<BLOCKQUOTE>
    // Copyright holders:
    os << "<P>This license is used by the following " << i->second.authors.size() << " copyright
holders:

```cpp
std::set<std::string>::const_iterator x, y;
x = i->second.authors.begin();
y = i->second.authors.end();
while(x != y)
{
os << *x << "<BR>\n";
++x;
}
os << "</P></BLOCKQUOTE>\n";
```

// Files using this license:
```cpp
os << "<P>This license applies to the following " << i->second.files.size() << " files:
```
```cpp
std::set<fs::path, path_less>::const_iterator m, n;
m = i->second.files.begin();
n = i->second.files.end();
while(m != n)
{
os << split_path(m_boost_path, *m) << "<br>\n";
++m;
}
os << "</P></BLOCKQUOTE>\n";
```
```cpp
else
{
os << "<P>This license is used by " << i->second.authors.size() << " authors (list omitted for brevity).</P><\n";
os << "<P>This license applies to " << i->second.files.size() << " files (list omitted for brevity).</P><\n";
}
```
++license_index;
++i;
```

```
// Output list of files not found to be under license control:
```cpp
//
os << "<h2><a name="files"></a>Files With No Recognisable Licence</h2>\n"
```
```
"<P>The following " << m_unknown_licenses.size() << " files had no recognisable license information:
```
```cpp
std::set<fs::path, path_less>::const_iterator i2, j2;
i2 = m_unknown_licenses.begin();
j2 = m_unknown_licenses.end();
while(i2 != j2)
{
os << split_path(m_boost_path, *i2) << "<br>\n";
++i2;
}
os << "</P></BLOCKQUOTE>";
```

//
```
// Output list of files with no found copyright holder:
```cpp

```
Files With No Recognisable Copyright Holder

The following " << m_unknown_authors.size() << " files had no recognisable copyright holder:" << BLOCKQUOTE; 

i2 = m_unknown_authors.begin();
j2 = m_unknown_authors.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "<br>
    ++i2;
}

Files that can be automatically converted to the Boost Software License

The following " << m_converted_to_bsl.size() << " files can be automatically converted to the Boost Software License, but require manual verification before they can be committed to CVS:" << BLOCKQUOTE;

if (!m_converted_to_bsl.empty())
{
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
::const_iterator conv_iterator;

    conv_iterator i = m_converted_to_bsl.begin(),
    ie = m_converted_to_bsl.end();

    int file_num = 1;
    while (i != ie)
    {
        os << "[" << file_num << "] File: <tt>" << split_path(m_boost_path, i->first) << "<br>
"; 
        ++i;

    }
}

Files that could be converted to the Boost Software License

The following " << m_can_migrate_to_bsl.size() << " files could be manually converted to the Boost Software License, but have not yet been:" << BLOCKQUOTE;

i2 = m_can_migrate_to_bsl.begin();
j2 = m_can_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "\n";
    ++i2;
}

os << "</p></BLOCKQUOTE>";
/
// Output list of files that can not be moved over to the Boost Software License
//

os << "\n" << m_cannot_migrate_to_bsl.size() << " files cannot be converted to the Boost Software License because we need the permission of more authors:"

i2 = m_cannot_migrate_to_bsl.begin();
j2 = m_cannot_migrate_to_bsl.end();
while(i2 != j2)
{
    os << split_path(m_boost_path, *i2) << "\n";
    ++i2;
}

os << "</p></BLOCKQUOTE>";
/
// Output list of authors that we need permission for to move to the BSL
//

os << "\n" << m_needAuthors.size() << " Authors we need for the BSL:"

"<p>Permission of the following authors is needed before we can convert to the Boost Software License. The list of authors that have given their permission is contained in <code>more/blanket-permission.txt</code>:

std::copy(m_authors_for_bsl_migration.begin(), m_authors_for_bsl_migration.end(),
    std::ostream_iterator<std::string>(os, "\n"));

os << "</p></BLOCKQUOTE>";
/
// Output a table of copyright information:
//

os << "\n" << m_author_data.size() << " Copyright Holder Information:

std::map<std::string, std::set<fs::path, path_less>> m_author_data;

ad = m_author_data.begin();
ead = m_author_data.end();
while(ad !=ead)
{
    os << "\n" << ad->first << "\n";
    std::set<fs::path, path_less>::const_iterator fi, efi;
    fi = ad->second.begin();
efi = ad->second.end();
    while(fi != efi)
    {
        os << split_path(m_boost_path, *fi) << "\n";
        ++fi;
    }
}
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0

```cpp
// output file dependency information:
//
// os << "<H2><a name="depend"></a>File Dependency Information</H2><BLOCKQUOTE><pre>
std::map<fs::path, fs::path, path_less>::const_iterator dep, last_dep;
std::set<fs::path, path_less>::const_iterator fi, efi;
fi = m_copy_paths.begin();
efi = m_copy_paths.end();
// if in summary mode, just figure out the "bad" files and print those only:
std::set<fs::path, path_less> bad_paths;
if(m_bsl_summary_mode)
{
    bad_paths.insert(m_unknown_licenses.begin(), m_unknown_licenses.end());
    bad_paths.insert(m_unknown_authors.begin(), m_unknown_authors.end());
    bad_paths.insert(m_can_migrate_to_bsl.begin(), m_can_migrate_to_bsl.end());
    bad_paths.insert(m_cannot_migrate_to_bsl.begin(), m_cannot_migrate_to_bsl.end());
    typedef std::map<fs::path, std::pair<std::string, std::string>, path_less>
        ::const_iterator conv_iterator;
    conv_iterator i = m_converted_to_bsl.begin(),
ie = m_converted_to_bsl.end();
    while(i != ie)
    {
        bad_paths.insert(i->first);
        ++i;
    }
    fi = bad_paths.begin();
    efi = bad_paths.end();
os << "<P>For brevity, only files not under the BSL are shown</P>\n";
}
while(fi != efi)
{
    os << split_path(m_boost_path, *fi);
dep = m_dependencies.find(*fi);
last_dep = m_dependencies.end();
std::set<fs::path, path_less> seen_deps;
if (dep != last_dep)
    while(true)
    {
        os << " -> ";
        if(fs::exists(m_boost_path / dep->second))
os << split_path(m_boost_path, dep->second);
    }
}
```

```
else if(fs::exists(dep->second))
    os << split_path(fs::path(), dep->second);
else
    os << dep->second.string();
if(seen_deps.find(dep->second) != seen_deps.end())
{
    os << "<I>(Circular dependency!</I;?></I>");
    break; // circular dependency!!!
}
seen_deps.insert(dep->second);
last_dep = dep;
dep = m_dependencies.find(dep->second);
if((dep == m_dependencies.end()) || (0 == compare_paths(dep->second, last_dep->second)))
    break;
}

os << "\n";
++fi;
}

os << "</pre></BLOCKQUOTE>\n";

os << "</body></html>\n";

if(!os)
{
    std::string msg("Error writing to ");
    msg += m_dest_path.string();
    msg += ":";
    std::runtime_error e(msg);
    boost::throw_exception(e);
}

This package was debianized by Vladimir Prus <ghost@cs.msu.su> on Wed, 17 July 2002, 19:27:00 +0400.

Copyright:

/*
 * Copyright 1993-2002 Christopher Seiwald and Perforce Software, Inc.
 */

This is Release 2.4 of Jam/MR, a make-like program.

License is hereby granted to use this software and distribute it freely, as long as this copyright notice is retained and modifications are clearly marked.

ALL WARRANTIES ARE HEREBY DISCLAIMED.
Some portions are also:

Copyright 2001-2006 David Abrahams.
Copyright 2002-2006 Rene Rivera.
Copyright 2003-2006 Vladimir Prus.

Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE_1_0.txt or http://www.boost.org/LICENSE_1_0.txt)
This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser.
The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.

Robert Brazile (brazil@diamond.bbn.com) originally supplied the ULTRIX code.
AI Dosser (dossier@src.dec.com) and Regis Cridlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code.
Jesper Peterson(jep@mtiame.mtia.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.
Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.
Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code.
Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader.
specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dossor provided Alpha/OSF/1 code. He and Dave Detlefs (detlefs@src.dec.com) also provided several generic bug fixes. Alistair G. Crooks (agc@uts.amdahl.com) supplied the NetBSD and 386BSD ports. Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port. Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to a Motorola 88K processor running CX/UX (Harris NightHawk). Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to nonIBM development environments (a nontrivial task). Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port. David Chase, then at Olivetti Research, suggested several improvements. Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the code to save and print call stacks for leak detection on a SPARC. Jesse Hull and John Ellis supplied the C++ interface code. Zhong Shao performed much of the experimentation that led to the current typed allocation facility. (His dynamic type inference code hasn't made it into the released version of the collector, yet.)

Software License, Version 1.0

Indiana University has the exclusive rights to license this product under the following license.

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

* All redistributions of source code must retain the above copyright notice, the list of authors in the original source code, this list of conditions and the disclaimer listed in this license;

* All redistributions in binary form must reproduce the above copyright notice, this list of conditions and the disclaimer listed in this license in the documentation and/or other materials provided with the distribution;

* Any documentation included with all redistributions must include the following acknowledgement:

"This product includes software developed at the University of Notre Dame and the Pervasive Technology Labs at Indiana University. For technical information contact Andrew Lumsdaine at the Pervasive Technology Labs at
Indiana University. For administrative and license questions contact the
Advanced Research and Technology Institute at 351 West 10th Street.
Indianapolis, Indiana 46202, phone 317-278-4100, fax 317-274-5902."

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

* The name Indiana University, the University of Notre Dame or "Caramel"
shall not be used to endorse or promote products derived from this software
without prior written permission from Indiana University. For written
permission, please contact Indiana University Advanced Research &
Technology Institute.

* Products derived from this software may not be called "Caramel", nor may
Indiana University, the University of Notre Dame or "Caramel" appear in
their name, without prior written permission of Indiana University Advanced
Research & Technology Institute.

Indiana University provides no reassurances that the source code provided does
not infringe the patent or any other intellectual property rights of any other
entity. Indiana University disclaims any liability to any recipient for claims
brought by any other entity based on infringement of intellectual property
rights or otherwise.

LICENSEE UNDERSTANDS THAT SOFTWARE IS PROVIDED "AS IS" FOR WHICH NO WARRANTIES
AS TO CAPABILITIES OR ACCURACY ARE MADE. INDIANA UNIVERSITY GIVES NO WARRANTIES
AND MAKES NO REPRESENTATION THAT SOFTWARE IS FREE OF INFRINGEMENT OF THIRD
PARTY PATENT, COPYRIGHT, OR OTHER PROPRIETARY RIGHTS. INDIANA UNIVERSITY MAKES
NO WARRANTIES THAT SOFTWARE IS FREE FROM "BUGS", "VIRUSES", "TROJAN HORSES",
"TRAP DOORS", "WORMS", OR OTHER HARMFUL CODE. LICENSEE ASSUMES THE ENTIRE RISK
AS TO THE PERFORMANCE OF SOFTWARE AND/OR ASSOCIATED MATERIALS, AND TO THE
PERFORMANCE AND VALIDITY OF INFORMATION GENERATED USING SOFTWARE.
Boost Software License - Version 1.0 - August 17th, 2003

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

The copyright notices in the Software and this entire statement, including
the above license grant, this restriction and the following disclaimer,
must be included in all copies of the Software, in whole or in part, and
all derivative works of the Software, unless such copies or derivative
works are solely in the form of machine-executable object code generated by
a source language processor.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This is an attempt to acknowledge early contributions to the garbage collector. Later contributions should instead be mentioned in README.changes.

HISTORY -

Early versions of this collector were developed as a part of research projects supported in part by the National Science Foundation and the Defense Advance Research Projects Agency.

The garbage collector originated as part of the run-time system for the Russell programming language implementation. The first version of the garbage collector was written primarily by Al Demers. It was then refined and mostly rewritten, primarily by Hans-J. Boehm, at Cornell U., the University of Washington, Rice University (where it was first used for C and assembly code), Xerox PARC, SGI, and HP Labs. However, significant contributions have also been made by many others.

Some other contributors:

More recent contributors are mentioned in the modification history in README.changes. My apologies for any omissions.

The SPARC specific code was originally contributed by Mark Weiser. The Encore Multimax modifications were supplied by Kevin Kenny (kenny@m.cs.uiuc.edu). The adaptation to the IBM PC/RT is largely due to Vernon Lee, on machines made available to Rice by IBM.

Much of the HP specific code and a number of good suggestions for improving the generic code are due to Walter Underwood.
Robert Brazile (brazile@diamond.bbn.com) originally supplied the ULTRIX code. Al Dosser (dosser@src.dec.com) and Regis Crnidlig (Regis.Cridlig@cl.cam.ac.uk) subsequently provided updates and information on variation between ULTRIX systems. Parag Patel (parag@netcom.com) supplied the A/UX code. Jesper Peterson (jep@miami.mti.oz.au), Michel Schinz, and Martin Tauchmann (martintauchmann@bigfoot.com) supplied the Amiga port.

Thomas Funke (thf@zelator.in-berlin.de(?)) and Brian D.Carlstrom (bdc@clark.lcs.mit.edu) supplied the NeXT ports.

Douglas Steel (doug@wg.icl.co.uk) provided ICL DRS6000 code. Bill Janssen (janssen@parc.xerox.com) supplied the SunOS dynamic loader specific code. Manuel Serrano (serrano@cornas.inria.fr) supplied linux and Sony News specific code. Al Dosser provided Alpha/OSF/1 code. He and
Dave Detlefs(detlefs@src.dec.com) also provided several generic bug fixes.
Alistair G. Crooks(age@uts.amdahl.com) supplied the NetBSD and 386BSD ports.
Jeffrey Hsu (hsu@soda.berkeley.edu) provided the FreeBSD port.
Brent Benson (brent@jade.ssd.csd.harris.com) ported the collector to
a Motorola 88K processor running CX/UX (Harris NightHawk).
Ari Huttunen (Ari.Huttunen@hut.fi) generalized the OS/2 port to
nonIBM development environments (a nontrivial task).
Patrick Beard (beard@cs.ucdavis.edu) provided the initial MacOS port.
David Chase, then at Olivetti Research, suggested several improvements.
Scott Schwartz (schwartz@groucho.cse.psu.edu) supplied some of the
code to save and print call stacks for leak detection on a SPARC.
Jesse Hull and John Ellis supplied the C++ interface code.
Zhong Shao performed much of the experimentation that led to the
current typed allocation facility. (His dynamic type inference code hasn’t
made it into the released version of the collector, yet.)
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Use of this software is granted under one of the following two licenses, to be chosen freely by the user.


===============================================================================

Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

2. The MIT License

===============================================================================

Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

Copyright Louis Dionne 2013-2017

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

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NONINFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
The default copyright note for C++ source files reads:

// Boost.Geometry (aka GGL, Generic Geometry Library)

// Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

// Parts of Boost.Geometry are redesigned from Geodan's Geographic Library
// (geolib/GGL), copyright (c) 1995-2010 Geodan, Amsterdam, the Netherlands.

// Use, modification and distribution is subject to the Boost Software License,
// Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
// http://www.boost.org/LICENSE_1_0.txt)

Exceptions:
1) Major work of any author -> might change order, change date
2) Exclusive work of one author including design -> might take sole copyright
Examples:
- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
3) Examples -> might take sole copyright
4) Tests -> might take sole copyright
5) Docs -> might take sole copyright
6) Utilities e.g. converters -> might take sole copyright

The copyright note for other (source) files as .py, Jamfiles, etc is similar and comments are changed accordingly.
Boost.Geometry (aka GGL, Generic Geometry Library)

Copyright (c) 2007-2013 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2013 Bruno Lalande, Paris, France.
Copyright (c) 2009-2013 Mateusz Loskot, London, UK.

Use, modification and distribution is subject to the Boost Software License,
Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)

Use of this software is granted under one of the following two licenses,
to be chosen freely by the user.


Copyright (c) 2006, 2007 Marcin Kalicinski

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

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

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

2. The MIT License

Copyright (c) 2006, 2007 Marcin Kalicinski

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal

in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies
of the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL
THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS
IN THE SOFTWARE.
The following people hereby grant permission to replace all existing
licenses on their contributions to Boost with the Boost Software
License, Version 1.0. (boostinspect:nolicense boostinspect:nocopyright)

Aleksey Gurtovoy (agurtovoy@meta-comm.com)
Andrei Alexandrescu (andrewalex - at - hotmail.com) (See Boost list message of August 12, 2004 11:06:58 AM
EST)
Andrew Lumsdaine ()
Anthony Williams (anthony -at- justsoftwaresolutions.co.uk)
Beman Dawes (bdawes@acm.org)
Brad King (brad.king -at- kitware.com) (See Boost list message of Wed, 21 Jul 2004 11:15:46 -0400)
Brian Osman (osman -at- vvisions.com) (See CVS log)
Bruce Barr (schmoost -at- yahoo.com) (See Boost list of Mon, 16 Aug 2004 15:06:43 -0500)
Bruno da Silva de Oliveira (bruno - at - esss.com.br)
Christain Engstrom (christian.engstrom -at- glindra.org) (See Boost list message of Mon, 30 Aug 2004 14:31:49
+0200)
Cromwell D Enage (sponage -at- yahoo.com) (See Boost list message of August 12, 2004 11:49:13 AM EST)
Dan Gohman (djg -at- cray.com) (See Boost list messsage of Sat, 21 Aug 2004 10:54:59 +0100)
Dan Nuffer (dan -at- nuffer.name)
Daniel Frey (d.frey -at- gmx.de, daniel.frey -at- aixigo.de)
Daniel Nuffer (dan -at- nuffer.name)
Darin Adler (darin -at- bentspoon.com) (Email to Andreas Huber, see change log)
Daryle Walker (darylew - at - hotmail.com)
Dave Abrahams (dave@boost-consulting.com)
Dave Moore (dmoore -at- viefinancial.com) (See Boost list message of 18 Dec 2003 15:35:50 -0500)
David Abrahams (dave@boost-consulting.com)
Dietmar Kuehl (dietmar_kuehl -at- yahoo.com) (Email to Andreas Huber, see change log)
Douglas Gregor (gregod -at- cs.rpi.edu, dgregor -at- cs.indiana.edu, doug.gregor -at- gmail.com)
Dr John Maddock (john - at - johnmaddock.co.uk)
Edward D. Brey (brey -at- ductape.net) (Email to Andreas Huber, see change log)
Eric Ford (un5o6n902 -at- sneakemail.com) (See Boost list message of Sun, 15 Aug 2004 10:29:13 +0100)
Eric Friedman (ebf@users.sourceforge.net)
Eric Niebler (eric@boost-consulting.com)
Fernando Cacciola (fernando_cacciola@ciudad.com.ar)
Fernando Luis Cacciola Carballal (fernando_cacciola@ciudad.com.ar)
Francois Faure (Francois.Faure -at- imag.fr) (See CVS log)
Gary Powell (powellg - at - amazon.com) (See Boost list message of 10 Feb 2004 14:22:46 -0800)
Gennady Rozental (rogeeff -at- mail.com) (Email to Andreas Huber, see change log)
Gottfried Ganssauge (Gottfried.Ganssauge -at- HAUF.E.DE) (See Boost List message of Mon, 16 Aug 2004 10:09:19 +0200)
Gottfried Ganaug (Gottfried.Ganssauge -at- HAUF.E.DE) (Alternative spelling of Gottfried Ganssauge)
Greg Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gregory Colvin (gregory.colvin -at- oracle.com) (See Boost list message of Sat, 14 Aug 2004 10:57:00 +0100)
Gunter Winkler (gunter.winkler -at- unibw-muenchen.de) (See Boost List message of Mon, 16 Aug 2004 10:24:17 +0200)
Hartmut Kaiser (hartmut.kaiser -at- gmail.com)
Herve Brinnimann (hbr -at- poly.edu)
Herv Brinnimann (hbr -at- poly.edu)
Housemarque Oy (Ilari Kuittinen ilari.kuittinen -at- housemarque.fi)
Howard Hinnant (hinnant -at- tweny.com) (See Boost list message of July 25, 2004 3:44:49 PM EST)
Hubert Holin (hubert_holin -at- users.sourceforge.net)
Indiana University ()
Itay Maman (imaman -at- users.sourceforge.net)
Jaakko Jrvi (jjarvi -at- osl.iu.edu)
Jaap Suter (j.suter -at- student.utwente.nl) (See Boost list message of Thu, 16 Sep 2004 09:32:43 -0700)
Jeff Garland (jeff - at - crystalcleargsoftware.com) (see Boost list post of July 25, 2004 19:31:09 -0700)
Jens Maurer (Jens.Maurer@gmx.net)
Jeremy G Siek (jsiek@osl.iu.edu)
Jeremy Siek (jsiek@osl.iu.edu)
Joel de Guzman (joel -at- boost-consulting.com) (See Boost list message of July 25, 2004 8:32:00 PM EST)
John Bandela (jbandela-at-ufl.edu)
John Maddock (john - at - johnmaddock.co.uk)
John R Bandela (jbandela-at-ufl.edu)
Jonathan Turkanis (turkanis -at- corderage dot com)
Juergen Hunold (hunold -at- ive.uni-hannover.de) (See Boost List Message of Fri, 13 Aug 2004 19:39:55 +0200)
Kevin Henney (kevin -at- curbralan.com) (See Boost list message of Wed, 15 Sep 2004 18:15:17 +0200)
Kresimir Fresl (fresl -at- master.grad.hr) (See Boost List message of August 16, 2004 8:23:35 AM EST)
Lars Gullick Bijnnes (larsb -at- lyx.org) (See Boost list message of Tue, 17 Aug 2004 15:49:02 +0100)
Lie-Quan Lee (liequan - at - slac.stanford.edu, llee - at - cs.indiana.edu)
Maarten Keijzer (mkeijzer -at- cs.vu.nl) (See Boost list message of Wed, 18 Aug 2004 21:43:18 +0100)
Mac Murrett (mmurrett -at- mac.com)
Marc Winternantel (winternantel -at- imes.mavt.ethz.ch, winternantel -at- even-ag.ch) (See CVS log)
Michael Glassford (glassfordm - at - hotmail.com)
Michael Stevens (Michael.Stevens - at - epost.de)
Multi Media Ltd. (pdimov@mmltd.net)
Nicolai J Josuttis (solutions -at- josuttis.com) (See Boost list message of Mon, 30 Aug 2004 10:52:00 +0100)
Nikolay Mladenov (nickm -at- sitius.com) (See Boost list message of Tue, 17 Aug 2004 15:45:33 +0100)
Paul Mensonides (pmenso57 -at- comcast.net) (See Boost list message of July 21, 2004 1:12:21 AM EST)
Pavol Droba (droba -at- topmail.sk)
Peter Dimov (pdimov@mmltd.net)
R W Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Ralf W. Grosse-Kunstleve (RWGrosse-Kunstleve@lbl.gov)
Rational Discovery LLC (Greg Landrum Landrum -at- RationalDiscovery.com) (See Boost list post of Tue, 17 Aug 2004 10:35:36 +0100)
Rene Rivera (grafik/redshift-software.com, rrivera/acm.org)
Robert Ramey (ramey@www.rrsd.com)
Roland Richter (roland -at- flll.jku.at) (See Boost list post of Mon, 16 Aug 2004 22:16:55 +0200)
Roland Schwarz (roland.schwarz -at- chello.at)
Ronald Garcia (garcia -at- cs.indiana.edu) (Email to Andreas Huber, see change log)
Samuel Krempp (krempp -at- trans.ens-cachan.fr) (See Boost list message of Mon, 27 Sep 2004 13:18:36 +0200)
Stefan Seefeld (seefeld -at- sympatico.ca)
Stephen Cleary (sclery -at- jerviswebb.com) (See Boost list message of Tue, 28 Sep 2004 13:11:46 +0100)
Steve Cleary (Variant of Stephen Cleary)
Sylvain Pion (Sylvain.Pion -at- sophia.inria.fr)
The Trustees of Indiana University ()
Thomas Witt (witt -at- ive.uni-hannover.de, witt -at- acm.org, witt -at- styleadvisor.com)
Thorsten Jrgen Ottosen (nesotto -at- cs.auc.dk)
Thorsten Ottosen (nesotto -at- cs.auc.dk)
Toon Knapen (toon dot knapen -at- fft.be)
The Trustees of Indiana University ()
University of Notre Dame ()
Vladimir Prus (ghost@cs.msu.su)
William E. Kempf () (email to Beman Dawes, 9/14/2006 4:18 PM)
Joerg Walter (jhr.walter -at- t-online.de : email to ublas mailing list Mon, 17 Sep 2007 10:17:08 +0200)
Mathias Koch (mkoch -at- idesis.de 7 : email to boost-owner@lists.boost.org Sep 2007 13:20:09 +0200)

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

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

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

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

Adapters for Boost.MPL containers.

- **boost::mpl::integral_c**<br>Adapter for IntegralConstants from the Boost.MPL.

More...
Copyright Louis Dionne 2013-2017
Distributed under the Boost Software License, Version 1.0.
(See accompanying file LICENSE.md or copy at http://boost.org/LICENSE_1_0.txt)

<!-- boost-no-inspect -->
<!-- HTML footer for doxygen 1.8.9.1-->
<!-- start footer part -->
<div id="nav-path" class="navpath"><!-- id is needed for treeview function! --></div>
<ul>
</ul>
</div>
</body>
</html>
===========================================================================
Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

Use, modification and distribution is subject to the Boost Software License,
Version 1.0. (See accompanying file LICENSE_1_0.txt or copy at
http://www.boost.org/LICENSE_1_0.txt)
============================================================================

The default copyright note for C++ source files reads:

// Boost.Geometry (aka GGL, Generic Geometry Library)

// Copyright (c) 2007-2011 Barend Gehrels, Amsterdam, the Netherlands.
// Copyright (c) 2008-2011 Bruno Lalande, Paris, France.
// Copyright (c) 2009-2011 Mateusz Loskot, London, UK.

// Parts of Boost.Geometry are redesigned from Geodan's Geographic Library
Exceptions:
1) Major work of any author -> might change order, change date
2) Exclusive work of one author including design -> might take sole copyright
Examples:
- adapted geometry types e.g. array, Boost.Polygon
- implemented file-format e.g. WKB
- implemented specific strategy or algorithm e.g. intersections
3) Examples -> might take sole copyright
4) Tests -> might take sole copyright
5) Docs -> might take sole copyright
6) Utilities e.g. converters -> might take sole copyright

The copyright note for other (source) files as .py, Jamfiles, etc is similar and comments are changed accordingly.
1.7 solid-extensibility 2.2.0

1.7.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.8 libflac 1.3.1

1.8.1 Available under license:

GNU Free Documentation License
Version 1.2, November 2002

Copyright (C) 2000,2001,2002 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

0. PREAMBLE

The purpose of this License is to make a manual, textbook, or other
functional and useful document "free" in the sense of freedom: to assure everyone the effective freedom to copy and redistribute it, with or without modifying it, either commercially or noncommercially. Secondarily, this License preserves for the author and publisher a way to get credit for their work, while not being considered responsible for modifications made by others.

This License is a kind of "copyleft", which means that derivative works of the document must themselves be free in the same sense. It complements the GNU General Public License, which is a copyleft license designed for free software.

We have designed this License in order to use it for manuals for free software, because free software needs free documentation: a free program should come with manuals providing the same freedoms that the software does. But this License is not limited to software manuals; it can be used for any textual work, regardless of subject matter or whether it is published as a printed book. We recommend this License principally for works whose purpose is instruction or reference.

1. APPLICABILITY AND DEFINITIONS

This License applies to any manual or other work, in any medium, that contains a notice placed by the copyright holder saying it can be distributed under the terms of this License. Such a notice grants a world-wide, royalty-free license, unlimited in duration, to use that work under the conditions stated herein. The "Document", below, refers to any such manual or work. Any member of the public is a licensee, and is addressed as "you". You accept the license if you copy, modify or distribute the work in a way requiring permission under copyright law.

A "Modified Version" of the Document means any work containing the Document or a portion of it, either copied verbatim, or with modifications and/or translated into another language.

A "Secondary Section" is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (Thus, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.
The "Invariant Sections" are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License. If a section does not fit the above definition of Secondary then it is not allowed to be designated as Invariant. The Document may contain zero Invariant Sections. If the Document does not identify any Invariant Sections then there are none.

The "Cover Texts" are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License. A Front-Cover Text may be at most 5 words, and a Back-Cover Text may be at most 25 words.

A "Transparent" copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, that is suitable for revising the document straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or for automatic translation to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup, or absence of markup, has been arranged to thwart or discourage subsequent modification by readers is not Transparent. An image format is not Transparent if used for any substantial amount of text. A copy that is not "Transparent" is called "Opaque".

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML, PostScript or PDF designed for human modification. Examples of transparent image formats include PNG, XCF and JPG. Opaque formats include proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML, PostScript or PDF produced by some word processors for output purposes only.

The "Title Page" means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, "Title Page" means the text near the most prominent appearance of the work's title, preceding the beginning of the body of the text.

A section "Entitled XYZ" means a named subunit of the Document whose title either is precisely XYZ or contains XYZ in parentheses following text that translates XYZ in another language. (Here XYZ stands for a specific section name mentioned below, such as "Acknowledgements".)
"Dedications", "Endorsements", or "History"). To "Preserve the Title" of such a section when you modify the Document means that it remains a section "Entitled XYZ" according to this definition.

The Document may include Warranty Disclaimers next to the notice which states that this License applies to the Document. These Warranty Disclaimers are considered to be included by reference in this License, but only as regards disclaiming warranties; any other implication that these Warranty Disclaimers may have is void and has no effect on the meaning of this License.

2. VERBATIM COPYING

You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

You may also lend copies, under the same conditions stated above, and you may publicly display copies.

3. COPYING IN QUANTITY

If you publish printed copies (or copies in media that commonly have printed covers) of the Document, numbering more than 100, and the Document's license notice requires Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.
If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent copy along with each Opaque copy, or state in or with each Opaque copy a computer-network location from which the general network-using public has access to download using public-standard network protocols a complete Transparent copy of the Document, free of added material. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

4. MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.
B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the Document (all of its principal authors, if it has fewer than five), unless they release you from this requirement.
C. State on the Title page the name of the publisher of the Modified Version, as the publisher.
D. Preserve all the copyright notices of the Document.
E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.
F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.
G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document's license notice.
H. Include an unaltered copy of this License.
I. Preserve the section Entitled "History", Preserve its Title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section Entitled "History" in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the "History" section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

K. For any section Entitled "Acknowledgements" or "Dedications", Preserve the Title of the section, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.

L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.

M. Delete any section Entitled "Endorsements". Such a section may not be included in the Modified Version.

N. Do not retile any existing section to be Entitled "Endorsements" or to conflict in title with any Invariant Section.

O. Preserve any Warranty Disclaimers.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version's license notice. These titles must be distinct from any other section titles.

You may add a section Entitled "Endorsements", provided it contains nothing but endorsements of your Modified Version by various parties--for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit
permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

5. COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections of your combined work in its license notice, and that you preserve all their Warranty Disclaimers.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections Entitled "History" in the various original documents, forming one section Entitled "History"; likewise combine any sections Entitled "Acknowledgements", and any sections Entitled "Dedications". You must delete all sections Entitled "Endorsements".

6. COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document.

7. AGGREGATION WITH INDEPENDENT WORKS
A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, is called an "aggregate" if the copyright resulting from the compilation is not used to limit the legal rights of the compilation's users beyond what the individual works permit. When the Document is included in an aggregate, this License does not apply to the other works in the aggregate which are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one half of the entire aggregate, the Document's Cover Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate.

8. TRANSLATION

Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License, and all the license notices in the Document, and any Warranty Disclaimers, provided that you also include the original English version of this License and the original versions of those notices and disclaimers. In case of a disagreement between the translation and the original version of this License or a notice or disclaimer, the original version will prevail.

If a section in the Document is Entitled "Acknowledgements", "Dedications", or "History", the requirement (section 4) to Preserve its Title (section 1) will typically require changing the actual title.

9. TERMINATION

You may not copy, modify, sublicense, or distribute the Document except as expressly provided for under this License. Any other attempt to copy, modify, sublicense or distribute the Document is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
10. FUTURE REVISIONS OF THIS LICENSE

The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See http://www.gnu.org/copyleft/.

Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License "or any later version" applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation.

ADDENDUM: How to use this License for your documents

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

Copyright (c) YEAR YOUR NAME.
Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts, replace the "with...Texts." line with this:

with the Invariant Sections being LIST THEIR TITLES, with the Front-Cover Texts being LIST, and with the Back-Cover Texts being LIST.

If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.
GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must give the recipients all the rights that
you have. You must make sure that they, too, receive or can get the
source code. And you must show them these terms so they know their
rights.

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.
Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

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

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete...
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer
to distribute corresponding source code. (This alternative is
allowed only for noncommercial distribution and only if you
received the program in object code or executable form with such
an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for
making modifications to it. For an executable work, complete source
code means all the source code for all modules it contains, plus any
associated interface definition files, plus the scripts used to
control compilation and installation of the executable. However, as a
special exception, the source code distributed need not include
anything that is normally distributed (in either source or binary
form) with the major components (compiler, kernel, and so on) of the
operating system on which the executable runs, unless that component
itself accompanies the executable.

If distribution of executable or object code is made by offering
access to copy from a designated place, then offering equivalent
access to copy the source code from the same place counts as
distribution of the source code, even though third parties are not
compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt
otherwise to copy, modify, sublicense or distribute the Program is
void, and will automatically terminate your rights under this License.
However, parties who have received copies, or rights, from you under
this License will not have their licenses terminated so long as such
parties remain in full compliance.

5. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Program (or any work based on the
Program), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the
Program), the recipient automatically receives a license from the
original licensor to copy, distribute or modify the Program subject to
these terms and conditions. You may not impose any further
restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program "Gnomovision" (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a-de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this
In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

Copyright (C) 2000-2009 Josh Coalson
Copyright (C) 2011-2014 Xiph.Org Foundation

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

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

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

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR
CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
FLAC is a free codec in the fullest sense. This page explicitly states all that you may do with the format and software.

The FLAC and Ogg FLAC formats themselves, and their specifications, are fully open to the public to be used for any purpose (the FLAC project reserves the right to set the FLAC specification and certify compliance). They are free for commercial or noncommercial use. That means that commercial developers may independently write FLAC or Ogg FLAC software which is compatible with the specifications for no charge and without restrictions of any kind. There are no licensing fees or royalties of any kind for use of the formats or their specifications, or for distributing, selling, or streaming media in the FLAC or Ogg FLAC formats.

The FLAC project also makes available software that implements the formats, which is distributed according to Open Source licenses as follows:

The reference implementation libraries are licensed under the BSD License. In simple terms, these libraries may be used by any application, Open or proprietary, linked or incorporated in whole, so long as acknowledgement is made to Xiph.org Foundation when using the source code in whole or in derived works. The Xiph License is free enough that the libraries have been used in commercial products to implement FLAC, including in the firmware of hardware devices where other Open Source licenses can be problematic. In the source code these libraries are called libFLAC and libFLAC++.

The rest of the software that the FLAC project provides is licensed under the GNU General Public License (GPL). This software includes various utilities for converting files to and from FLAC format, plugins for audio players, etc. In general, the GPL allows redistribution as long as derived works are also made available in source code form according to compatible terms.

Neither the FLAC nor Ogg FLAC formats nor any of the implemented encoding/decoding methods are covered by any known patent.

FLAC is one of a family of codecs of the Xiph.org Foundation, all created according to the same free ideals. For some other codecs' descriptions of the Xiph License see the Speex and Vorbis license pages.

If you would like to redistribute parts or all of FLAC under different terms, contact the FLAC-dev mailinglist.

Contact the FLAC-dev mailinglist.
1.9 libjpeg 8d

1.9.1 Available under license:

The Independent JPEG Group's JPEG software

==============================================

README for release 9c of 14-Jan-2018

==============================================

This distribution contains the ninth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

This software is the work of Tom Lane, Guido Vollbeding, Philip Gladstone, Bill Allombert, Jim Boucher, Lee Crocker, Bob Friesenhahn, Ben Jackson, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Ge’ Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16).

DOCUMENTATION ROADMAP

==============================================
This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
ACKNOWLEDGMENTS Special thanks.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.txt How to configure and install the IJG software.
usage.txt Usage instructions for cjpeg, djpeg, jpegtran, rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.txt).
wizard.txt Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.txt How to use the JPEG library in your own programs.
example.c Sample code for calling the JPEG library.
structure.txt Overview of the JPEG library's internal structure.
filelist.txt Road map of IJG files.
coderules.txt Coding style rules --- please read if you contribute code.

Please read at least the files install.txt and usage.txt. Some information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image encoding, decoding, and transcoding. JPEG (pronounced “jay-peg”) is a standardized compression method for full-color and grayscale images.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.
We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application.

We have also included "jpegtran", a utility for lossless transcoding between different JPEG processes, and "rdjpcom" and "wrjpcom", two simple applications for inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and flexibility, while also making it fast enough to be useful. In particular, the software is not intended to be read as a tutorial on JPEG. (See the REFERENCES section for introductory material.) Rather, it is intended to be reliable, portable, industrial-strength code. We do not claim to have achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products. No royalty is required, but we do ask for an acknowledgement in product documentation, as described under LEGAL ISSUES.

LEGAL ISSUES
==============

In plain English:

1. We don't promise that this software works. (But if you find any bugs, please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a program, you must acknowledge somewhere in your documentation that you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied, with respect to this software, its quality, accuracy, merchantability, or fitness for a particular purpose. This software is provided "AS IS", and you, its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-2018, Thomas G. Lane, Guido Vollbeding.
Permission is hereby granted to use, copy, modify, and distribute this software (or portions thereof) for any purpose, without fee, subject to these conditions:

(1) If any part of the source code for this software is distributed, then this README file must be included, with this copyright and no-warranty notice unaltered; and any additions, deletions, or changes to the original files must be clearly indicated in accompanying documentation.

(2) If only executable code is distributed, then the accompanying documentation must state that "this software is based in part on the work of the Independent JPEG Group".

(3) Permission for use of this software is granted only if the user accepts full responsibility for any undesirable consequences; the authors accept NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code, not just to the unmodified library. If you use our work, you ought to acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name in advertising or publicity relating to this software or products derived from it. This software may be referred to only as "the Independent JPEG Group's software".

We specifically permit and encourage the use of this software as the basis of commercial products, provided that all warranty or liability claims are assumed by the product vendor.

The Unix configuration script "configure" was produced with GNU Autoconf. It is copyright by the Free Software Foundation but is freely distributable. The same holds for its supporting scripts (config.guess, config.sub, ltmain.sh). Another support script, install-sh, is copyright by X Consortium but is also freely distributable.

The IJG distribution formerly included code to read and write GIF files. To avoid entanglement with the Unisys LZW patent (now expired), 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 resulting GIF files are larger than usual, but are readable by all standard GIF decoders.

REFERENCES

We recommend reading one or more of these references before trying to
understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is Wallace, Gregory K. "The JPEG Still Picture Compression Standard", Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30–44. (Adjacent articles in that issue discuss MPEG motion picture compression, applications of JPEG, and related topics.) If you don’t have the CACM issue handy, a PDF file containing a revised version of Wallace's article is available at http://www.ijg.org/files/Wallace.JPG.pdf. The file (actually a preprint for an article that appeared in IEEE Trans. Consumer Electronics) omits the sample images that appeared in CACM, but it includes corrections and some added material. Note: the Wallace article is copyright ACM and IEEE, and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in "The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by M&T Books (New York), 2nd ed. 1996, ISBN 1-55851-434-1. This book provides good explanations and example C code for a multitude of compression methods including JPEG. It is an excellent source if you are comfortable reading C code but don't know much about data compression in general. The book's JPEG sample code is far from industrial-strength, but when you are ready to look at a full implementation, you've got one here...


Although this is by far the most detailed and comprehensive exposition of JPEG publicly available, we point out that it is still missing an explanation of the most essential properties and algorithms of the underlying DCT technology.

If you think that you know about DCT-based JPEG after reading this book, then you are in delusion. The real fundamentals and corresponding potential of DCT-based JPEG are not publicly known so far, and that is the reason for all the mistaken developments taking place in the image coding domain.


IJG JPEG 8 introduced an implementation of the JPEG SmartScale extension which is specified in two documents: A contributed document at ITU and ISO with title "ITU-T JPEG-Plus Proposal for Extending ITU-T T.81 for Advanced Image Coding", April 2006, Geneva, Switzerland. The latest version of this
IJG JPEG 9 introduces a reversible color transform for improved lossless compression which is described in a contributed document ISO/IEC JTC1/SC29/ WG1 N 6080 with title "JPEG 9 Lossless Coding", June/July 2012, Paris, France.


The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from http://www.iwg.org/files/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note.

ARCHIVE LOCATIONS
=================

The "official" archive site for this software is www.iwg.org. The most recent released version can always be found there in directory "files". This particular version will be archived as http://www.iwg.org/files/jpegsrc.v9c.tar.gz, and in Windows-compatible "zip" archive format as http://www.iwg.org/files/jpegsr9c.zip.

The JPEG FAQ (Frequently Asked Questions) article is a source of some general information about JPEG. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/. If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2
ACKNOWLEDGMENTS

Thank to Juergen Bruder for providing me with a copy of the common DCT algorithm article, only to find out that I had come to the same result in a more direct and comprehensible way with a more generative approach.

Thank to Istvan Sebestyen and Joan L. Mitchell for inviting me to the ITU JPEG (Study Group 16) meeting in Geneva, Switzerland.

Thank to Thomas Wiegand and Gary Sullivan for inviting me to the Joint Video Team (MPEG & ITU) meeting in Geneva, Switzerland.

Thank to Thomas Richter and Daniel Lee for inviting me to the ISO/IEC JTC1/SC29/WG1 (previously known as JPEG, together with ITU-T SG16) meeting in Berlin, Germany.

Thank to John Korejwa and Massimo Ballerini for inviting me to fruitful consultations in Boston, MA and Milan, Italy.

Thank to Hendrik Elstner, Roland Fassauer, Simone Zuck, Guenther Maier-Gerber, Walter Stoeber, Fred Schmitz, and Norbert Braunagel for corresponding business development.

Thank to Nico Zschach and Dirk Stelling of the technical support team at the Digital Images company in Halle for providing me with extra equipment for configuration tests.

Thank to Richard F. Lyon (then of Foveon Inc.) for fruitful communication about JPEG configuration in Sigma Photo Pro software.

Thank to Andrew Finkenstadt for hosting the ijk.org site.

Thank to Thomas G. Lane for the original design and development of this singular software package.

Thank to Lars Goehler, Andreas Heinecke, Sebastian Fuss, Yvonne Roebert, Andrej Werner, and Ulf-Dietrich Braumann for support and public relations.

FILE FORMAT WARS

The ISO/IEC JTC1/SC29/WG1 standards committee (previously known as JPEG, together with ITU-T SG16) currently promotes different formats containing the name "JPEG" which is misleading because these formats are incompatible with original DCT-based JPEG and are based on faulty technologies. IJG therefore does not and will not support such momentary mistakes.
There exist also distributions under the name “OpenJPEG” promoting such kind of formats which is misleading because they don't support original JPEG images.

We have no sympathy for the promotion of inferior formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, interoperable format standards for JPEG files.

Don't use an incompatible file format!
(In any case, our decoder will remain capable of reading existing JPEG image files indefinitely.)

The ISO committee pretends to be "responsible for the popular JPEG" in their public reports which is not true because they don't respond to actual requirements for the maintenance of the original JPEG specification.

Furthermore, the ISO committee pretends to "ensure interoperability” with their standards which is not true because their "standards” support only application-specific and proprietary use cases and contain mathematically incorrect code.

There are currently different distributions in circulation containing the name "libjpeg" which is misleading because they don't have the features and are incompatible with formats supported by actual IJG libjpeg distributions.

One of those fakes is released by members of the ISO committee and just uses the name of libjpeg for misdirection of people, similar to the abuse of the name JPEG as described above, while having nothing in common with actual IJG libjpeg distributions and containing mathematically incorrect code.

The other one claims to be a "derivative” or "fork” of the original libjpeg, but violates the license conditions as described under LEGAL ISSUES above and violates basic C programming properties.

We have no sympathy for the release of misleading, incorrect and illegal distributions derived from obsolete code bases.

Don't use an obsolete code base!

According to the UCC (Uniform Commercial Code) law, IJG has the lawful and legal right to foreclose on certain standardization bodies and other institutions or corporations that knowingly perform substantial and systematic deceptive acts and practices, fraud, theft, and damaging of the value of the people of this planet without their knowing, willing and intentional consent.

The titles, ownership, and rights of these institutions and all their assets are now duly secured and held in trust for the free people of this planet.

People of the planet, on every country, may have a financial interest in the assets of these former principals, agents, and beneficiaries of the foreclosed institutions and corporations.

IJG asserts what is: that each man, woman, and child has unalienable value and rights granted and deposited in them by the Creator and not any one of the people is subordinate to any artificial principality, corporate fiction or the special interest of another without their appropriate knowing.
willing and intentional consent made by contract or accommodation agreement.
IJG expresses that which already was.
The people have already determined and demanded that public administration
entities, national governments, and their supporting judicial systems must
be fully transparent, accountable, and liable.
IJG has secured the value for all concerned free people of the planet.
A partial list of foreclosed institutions and corporations ("Hall of Shame")
is currently prepared and will be published later.

TO DO
=====
Version 9 is the second release of a new generation JPEG standard
to overcome the limitations of the original JPEG specification,
and is the first true source reference JPEG codec.
More features are being prepared for coming releases...
Please send bug reports, offers of help, etc. to jpeg-info@jpegclub.org.

1.10 lame 3.100
1.10.1 Available under license :
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<meta name="generator" content="PSPad editor, www.pspad.com" />
<meta http-equiv="content-type" content="text/html; charset=UTF-8" />
<link rel="stylesheet" type="text/css" href="styles/lame.css" />
<title>LAME MP3 Encoder :: Developers</title>
</head>
<body>
<div id="menu">
<ul>
<li><a href="index.html">Index page</a></li>
<li><a href="about.html">About LAME</a></li>
<li><a href="introduction.html">Intro to encoding</a></li>
<li><a href="usage.html">Usage of LAME</a></li>
<li><a href="history.html">Version history</a></li>
<li><a href="contributors.html">Coders of LAME</a></li>
<li><a href="contact.html">Contact LAME</a></li>
<li><a style="border: 0" href="links.html">LAME links</a></li>
</ul>
</div>
<div id="container">

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 196


LAME was originally developed by Mike Cheng, from 1998 to 1999. After he retired, the project started being maintained by Mark Taylor till early 2003. After 2003, the project became managed by core developers' teamwork, with no official hierarchy or leadership.

The following list only represents some of the individuals (in alphabetical order of family name) that contributed resources to LAME development. LAME owes its quality and speed to contributions from many other people, including the many people who post to the mp3encoder mailing list. See <a href="http://lame.cvs.sourceforge.net/*checkout*/lame/lame/doc/html/history.html">History</a> for more complete details.

<table>
<thead>
<tr>
<th>Primary developers:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Robert Hegemann</td>
<td>Tuning, optimizations, psychoacoustics...</td>
</tr>
<tr>
<td>Alexander Leidinger</td>
<td>Multiplatform configuration, libraries handling, release management...</td>
</tr>
<tr>
<td>Rogério Brito</td>
<td>Debian packaging, debugging.</td>
</tr>
<tr>
<td>Primary developers - Retired:</td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td>--</td>
</tr>
<tr>
<td>Gabriel Bouvigne</td>
<td>Tuning, optimizations, psychoacoustics...</td>
</tr>
<tr>
<td>Mike Cheng</td>
<td>Maintainer of LAME v2.x.</td>
</tr>
<tr>
<td>Frank Klemm</td>
<td>Psychoacoustics, optimizations.</td>
</tr>
<tr>
<td>Naoki Shibata</td>
<td>Psychoacoustics (NSPsytune model, NSSafeJoint).</td>
</tr>
<tr>
<td>Mark Taylor</td>
<td>Maintainer of LAME v3.x, initial implementer of GPsycho psychoacoustic model.</td>
</tr>
<tr>
<td>Takehiro Tominaga</td>
<td>Psychoacoustics, bitstream, optimizations, assembly code...</td>
</tr>
<tr>
<td>Roberto Amorim</td>
<td>Web pages and documentation.</td>
</tr>
<tr>
<td>John Dahlstrom</td>
<td>Adaptive ATH.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Additional developers:</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>Roberto Amorim</td>
<td></td>
</tr>
<tr>
<td>John Dahlstrom</td>
<td></td>
</tr>
<tr>
<td>Name</td>
<td>Contributions</td>
</tr>
<tr>
<td>--------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>John Dee</td>
<td>LAME extended VBR header.</td>
</tr>
<tr>
<td>Dominique Duvivier</td>
<td>Speed optimizations.</td>
</tr>
<tr>
<td>Albert Faber</td>
<td>Author of CDex and lame_enc.dll.</td>
</tr>
<tr>
<td>Peter Gubanov</td>
<td>LAME DirectShow Filter.</td>
</tr>
<tr>
<td>Guillaume Lessard</td>
<td></td>
</tr>
<tr>
<td>Steve Lhomme</td>
<td>LAME ACM codec.</td>
</tr>
<tr>
<td>Don Melton</td>
<td>id3v1 and v2 code.</td>
</tr>
<tr>
<td>Darin Morrison</td>
<td>Presets tuning.</td>
</tr>
<tr>
<td>Kyle VanderBeek</td>
<td>Python bindings, website clean-up.</td>
</tr>
</tbody>
</table>
GNU LIBRARY GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some
specially designated Free Software Foundation software, and to any
other libraries whose authors decide to use it. You can use it for
your libraries, too.
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

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.

GNU LIBRARY GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

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
”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
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.

   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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these,
write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>
This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
License as published by the Free Software Foundation; either
version 2 of the License, or (at your option) any later version.

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

You should have received a copy of the GNU Library General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
This package was originally made by Stefan Karrmann <S.Karrmann@gmx.net>

The current maintainer is Rogrio Brito <rbrito@users.sf.net>.

It was downloaded from the CVS repository at <http://sf.net/projects/lame>.

Upstream Authors: The LAME team <lame-dev@lists.sf.net>.

Copyright 1999-2009 The LAME team <lame-dev@lists.sf.net> and contributors.

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

LAME is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.
You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin St, Fifth Floor, Boston, MA 02110-1301, USA.

Additionally, the original software's LICENCE file contains the following:

---------------------------------------------------------------
Can I use LAME in my commercial program?

Yes, you can, under the restrictions of the LGPL. The easiest way to do this is to:

1. Link to LAME as separate library (libmp3lame.a on unix or lame_enc.dll on windows)

2. Fully acknowledge that you are using LAME, and give a link to our web site, www.mp3dev.org

3. If you make modifications to LAME, you *must* release these modifications back to the LAME project, under the LGPL.

*** IMPORTANT NOTE ***

The decoding functions provided in LAME use the mpglib decoding engine which is under the GPL. They may not be used by any program not released under the GPL unless you obtain such permission from the MPG123 project (www.mpg123.de).

---------------------------------------------------------------
On Debian systems, the complete text of the GNU Library General Public License can be found in `/usr/share/common-licenses/LGPL-2'.

The Debian packaging is 2005-2009, Rogrio Brito <rbrito@users.sf.net> and is licensed under the GPL, see above.

Can I use LAME in my commercial program?

Yes, you can, under the restrictions of the LGPL (see COPYING in this folder). The easiest way to do this is to:

1. Link to LAME as separate library (libmp3lame.a on unix or lame_enc.dll or libmp3lame.dll on windows)

2. Fully acknowledge that you are using LAME, and give a link to our web site, www.mp3dev.org

3. If you make modifications to LAME, you *must* release these modifications back to the LAME project, under the LGPL.
1.11 re2 2017-03-01

1.11.1 Available under license:

// Copyright (c) 2009 The RE2 Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// distribution.
// * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived from
// this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.12 sqlite 3.32.1

1.12.1 Available under license:

The author disclaims copyright to this source code. In place of
a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.

1.13 websocketpp 0.8.0
1.13.1 Available under license:

Main Library:

Copyright (c) 2014, Peter Thorson. All rights reserved.

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

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

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

Bundled Libraries:

****** Base 64 Library (base64/base64.hpp) *****
base64.hpp is a repackaging of the base64.cpp and base64.h files into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012. All modifications to the code are redistributed under the same license as the original, which is listed below.

base64.cpp and base64.h

Copyright (C) 2004-2008 Ren Nyffenegger

This source code is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:
1. The origin of this source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original source code.

3. This notice may not be removed or altered from any source distribution.

Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

***** SHA1 Library (sha1/sha1.hpp) *****
sha1.hpp is a repackaging of the sha1.cpp and sha1.h files from the shallsha1 library (http://code.google.com/p/smallsha1/) into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2013. All modifications to the code are redistributed under the same license as the original, which is listed below.

Copyright (c) 2011, Micael Hildenborg
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Micael Hildenborg nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

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

***** MD5 Library (common/md5.hpp) *****
md5.hpp is a reformulation of the md5.h and md5.c code from http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c to allow it to function as a component of a header only library. This conversion was done by
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 215

Peter Thorson (webmaster@zaphoyd.com) in 2012 for the WebSocket++ project. The changes are released under the same license as the original (listed below)

Copyright (C) 1999, 2002 Aladdin Enterprises. All rights reserved.

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

L. Peter Deutsch
ghost@aladdin.com

****** UTF8 Validation logic (utf8_validation.hpp) ******
utf8_validation.hpp is adapted from code originally written by Bjoern Hoehrmann <bjoern@hoehrmann.de>. See http://bjoern.hoehrmann.de/utf-8/decoder/dfa/ for details.

The original license:

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
1.14 solid-practices-modularity 2.2.0

1.14.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.15 openjpeg 2.3.0

1.15.1 Available under license:

Copyright (c) 2002-2014, Universite catholique de Louvain (UCL), Belgium
Copyright (c) 2002-2014, Professor Benoit Macq
Copyright (c) 2001-2003, David Janssens
Copyright (c) 2002-2003, Yannick Verschueren
Copyright (c) 2003-2007, Francois-Olivier Devaux and Antonin Descampe
Copyright (c) 2005, Herve Drolon, FreImage Team
Copyright (c) 2007, Digital Signal Processing Laboratory, Universit degli studi di Perugia (UPG), Italy
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

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

Copyright (c) 2017 by Jim Pattee <jimp03@email.com>.

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

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

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

This copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following this sentence.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000 through 1.6.25, September 1, 2016 are Copyright (c) 2000-2002, 2004, 2006-2016 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux  
Eric S. Raymond  
Mans Rullgard  
Cosmin Truta  
Gilles Vollant  
James Yu

and with the following additions to the disclaimer:
There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

- Tom Lane
- Glenn Randers-Pehrson
- Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

- John Bowler
- Kevin Bracey
- Sam Bushell
- Magnus Holmgren
- Greg Roelofs
- Tom Tanner

Some files in the "scripts" directory have other copyright owners but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

- Andreas Dilger
- Dave Martindale
- Guy Eric Schalnat
- Paul Schmidt
- Tim Wegner
The PNG Reference Library is supplied "AS IS". The Contributing Authors
and Group 42, Inc. disclaim all warranties, expressed or implied,
including, without limitation, the warranties of merchantability and of
fitness for any purpose. The Contributing Authors and Group 42, Inc.
assume no liability for direct, indirect, incidental, special, exemplary,
or consequential damages, which may result from the use of the PNG
Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without
fee, and encourage the use of this source code as a component to
supporting the PNG file format in commercial products. If you use this
source code in a product, acknowledgment is not required but would be
appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

TRADEMARK:

The name "libpng" has not been registered by the Copyright owner
as a trademark in any jurisdiction. However, because libpng has
been distributed and maintained world-wide, continually since 1995,
the Copyright owner claims "common-law trademark protection" in any
jurisdiction where common-law trademark is recognized.

OSI CERTIFICATION:

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is
a certification mark of the Open Source Initiative. OSI has not addressed
the additional disclaimers inserted at version 1.0.7.

EXPORT CONTROL:

The Copyright owner believes that the Export Control Classification
Number (ECCN) for libpng is EAR99, which means not subject to export
controls or International Traffic in Arms Regulations (ITAR) because
it is open source, publicly available software, that does not contain any encryption software. See the EAR, paragraphs 734.3(b)(3) and 734.7(b).

Glenn Randers-Pehrson
glenrp at users.sourceforge.net
September 1, 2016
Little CMS
Copyright (c) 1998-2011 Marti Maria Saguer

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

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

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

/*
* The copyright in this software is being made available under the 2-clauses
* BSD License, included below. This software may be subject to other third
* party and contributor rights, including patent rights, and no such rights
* are granted under this license.
*
* Copyright (c) 2002-2014, Universite catholique de Louvain (UCL), Belgium
* Copyright (c) 2002-2014, Professor Benoit Macq
* Copyright (c) 2003-2014, Antonin Descampe
* Copyright (c) 2003-2009, Francois-Olivier Devaux
* Copyright (c) 2005, Herve Drolon, FreeImage Team
* Copyright (c) 2002-2003, Yannick Verschueren
* Copyright (c) 2001-2003, David Janssens
* Copyright (c) 2011-2012, Centre National d'Etudes Spatiales (CNES), France
* Copyright (c) 2012, CS Systemes d'Information, France
*
* All rights reserved.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright

----------
1.16 opencv 3.2.0

1.16.1 Available under license:

This license applies to all parts of Protocol Buffers except the following:

- Atomicops support for generic gcc, located in
  `src/google/protobuf/stubs/atomicops_internals_generic_gcc.h`.
  This file is copyrighted by Red Hat Inc.

- Atomicops support for AIX/POWER, located in
  `src/google/protobuf/stubs/atomicops_internals_power.h`.
  This file is copyrighted by Bloomberg Finance LP.

Copyright 2014, Google Inc. All rights reserved.

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

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

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

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

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

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

========================================= PNG Reference Library License version 2

* Copyright (c) 1995-2018 The PNG Reference Library Authors.
* Copyright (c) 2018 Cosmin Truta.
* Copyright (c) 1996-1997 Andreas Dilger.
* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no even shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)
-----------------------------------------------------------------------

libpng versions 1.0.7, July 1, 2000 through 1.6.35, July 15, 2018 are
Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are
derived from libpng-1.0.6, and are distributed according to the same
disclaimer and license as libpng-1.0.6 with the following individuals
added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe
Google Inc.
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of
the library or against infringement. There is no warranty that our
efforts or the library will fulfill any of your particular purposes
or needs. This library is provided with all faults, and the entire
risk of satisfactory quality, performance, accuracy, and effort is
with the user.

Some files in the "contrib" directory and some configure-generated
files that are distributed with libpng have other copyright owners, and
are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are
Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from
libpng-0.96, and are distributed according to the same disclaimer and
license as libpng-0.96, with the following individuals added to the
list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88,
and are distributed according to the same disclaimer and license as
libpng-0.88, with the following individuals added to the list of
Contributing Authors:

   John Bowler
   Kevin Bracey
   Sam Bushell
   Magnus Holmgren
   Greg Roelofs
   Tom Tanner

Some files in the "scripts" directory have other copyright owners,
but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

   Andreas Dilger
   Dave Martindale
   Guy Eric Schalnat
   Paul Schmidt
   Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing
Authors and Group 42, Inc. disclaim all warranties, expressed or
implied, including, without limitation, the warranties of
merchantability and of fitness for any purpose. The Contributing
Authors and Group 42, Inc. assume no liability for direct, indirect,
incidental, special, exemplary, or consequential damages, which may
result from the use of the PNG Reference Library, even if advised of
the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
   be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
   source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit,
without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

Copyright (c) 2011, Intel Corporation
All rights reserved.
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

<?xml version="1.0"?>
<opencv_storage>
<!-- Automatically converted from haarcascade2, window size = 64x16 -->
<haarcascade_pltzzz64x16_16STG type_id="opencv-haar-classifier">
<size>
 64 16</size>
<stages>
</stages>
<!-- stage 0 -->
<trees>
<!-- tree 0 -->
</trees>
<!-- root node -->
<feature>
<rects>
</rects>
32 2 8 6 -1.
</feature>
<rects>
32 4 8 2 3.
</rects>
</trees>
</haarcascade_pltzzz64x16_16STG>
</opencv_storage>
<_>
  19 0 11 3 2.</_>
<_>
  30 3 11 3 2.</_></ rects>
<tilted>0</tilted></feature>
<threshold>5.2989721298217773e-003</threshold>
<left_val>-9.5342522859573364e-001</left_val>
<right_val>5.0140267610549927e-001</right_val></_></_></trees>
<stage_threshold>-1.3346730470657349e+000</stage_threshold>
<parent>1</parent>
<next>-1</next></_>
<_>
  <!-- stage 3 -->
<trees>
  <!-- tree 0 -->
  <!-- root node -->
  <feature>
    < rects>
      <_>
        56 0 6 6 -1.</_>
      </_>
  </ rects>
  <tilted>0</tilted></feature>
<threshold>-6.9233630783855915e-003</threshold>
<left_val>8.2654470205307007e-001</left_val>
<right_val>-8.5396027565002441e-001</right_val></_></_></trees>
  <!-- tree 1 -->
  <!-- root node -->
  <feature>
    < rects>
      <_>
        32 0 14 12 -1.</_>
      </_>
  </ rects>
  <tilted>0</tilted></feature>
<threshold>-6.9233630783855915e-003</threshold>
<left_val>8.2654470205307007e-001</left_val>
<right_val>-8.5396027565002441e-001</right_val></_></_></trees>
  <!-- tree 2 -->
<left_val>1.</left_val>  
<right_val>-9.9264812469482422e-001</right_val>

<left_val>8.283329010097656e-001</left_val>  
<right_val>-9.8444151878356934e-001</right_val>

<left_val>1.</left_val>  
<right_val>-9.9543339014053345e-001</right_val>

<left_val>9.1314977407455444e-001</left_val>  
<right_val>-9.9264812469482422e-001</right_val>

The GNU General Public License (GPL)
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all. The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

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

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

   b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and
that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program. In addition, mere aggregation of another work not based on the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
   a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
   b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
   c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited
to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER
PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

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

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

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

Copyright (c) 2008-2015 The Khronos Group Inc.

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.
MODIFICATIONS TO THIS FILE MAY MEAN IT NO LONGER ACCURATELY REFLECTS
KHRONOS STANDARDS. THE UNMODIFIED, NORMATIVE VERSIONS OF KHRONOS
SPECIFICATIONS AND HEADER INFORMATION ARE LOCATED AT
https://www.khronos.org/registry/

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

This package was debianized by Christopher L Cheney <ccheney@debian.org> on

The current maintainer is Roland Stigge <stigge@antcom.de>

It was downloaded from http://www.ece.uvic.ca/~mdadams/jasper/

Upstream Author: Michael Adams <mdadams@ece.uvic.ca>

License:

JasPer License Version 2.0

Copyright (c) 1999-2000 Image Power, Inc.
Copyright (c) 1999-2000 The University of British Columbia
Copyright (c) 2001-2003 Michael David Adams

All rights reserved.

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

1. The above copyright notices and this permission notice (which
includes the disclaimer below) shall be included in all copies or
substantial portions of the Software.

2. The name of a copyright holder shall not be used to endorse or
promote products derived from the Software without specific prior
written permission.

THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS
LICENSE. NO USE OF THE SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. THE SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. NO ASSURANCES ARE PROVIDED BY THE COPYRIGHT HOLDERS THAT THE SOFTWARE DOES NOT INFRINGE THE PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY OTHER ENTITY. EACH COPYRIGHT HOLDER DISCLAIMS ANY LIABILITY TO THE USER FOR CLAIMS BROUGHT BY ANY OTHER ENTITY BASED ON INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHERWISE. AS A CONDITION TO EXERCISING THE RIGHTS GRANTED HEREUNDER, EACH USER HEREBY ASSUMES SOLE RESPONSIBILITY TO SECURE ANY OTHER INTELLECTUAL PROPERTY RIGHTS NEEDED, IF ANY. THE SOFTWARE IS NOT FAULT-TOLERANT AND IS NOT INTENDED FOR USE IN MISSION-CRITICAL SYSTEMS, SUCH AS THOSE USED IN THE OPERATION OF NUCLEAR FACILITIES, AIRCRAFT NAVIGATION OR COMMUNICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS, DIRECT LIFE SUPPORT MACHINES, OR WEAPONS SYSTEMS, IN WHICH THE FAILURE OF THE SOFTWARE OR SYSTEM COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE ("HIGH RISK ACTIVITIES"). THE COPYRIGHT HOLDERS SPECIFICALLY DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES.

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

PNG
By downloading, copying, installing or using the software you agree to this license. If you do not agree to this license, do not download, install, copy or use the software.

License Agreement
For Open Source Computer Vision Library
(3-clause BSD License)

Copyright (C) 2000-2019, Intel Corporation, all rights reserved.
Copyright (C) 2009-2011, Willow Garage Inc., all rights reserved.
Copyright (C) 2009-2016, NVIDIA Corporation, all rights reserved.
Copyright (C) 2010-2013, Advanced Micro Devices, Inc., all rights reserved.
Copyright (C) 2015-2016, OpenCV Foundation, all rights reserved.
Copyright (C) 2015-2016, Itseez Inc., all rights reserved.
Third party copyrights are property of their respective owners.

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

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

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

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

This software is provided by the copyright holders and contributors “as is” and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall copyright holders or contributors be liable for any direct,
indirect, incidental, special, exemplary, or consequential damages
(including, but not limited to, procurement of substitute goods or services;
loss of use, data, or profits; or business interruption) however caused
and on any theory of liability, whether in contract, strict liability,
or tort (including negligence or otherwise) arising in any way out of
the use of this software, even if advised of the possibility of such damage.
quirc -- QR-code recognition library
Copyright (C) 2010-2012 Daniel Beer <dlbeer@gmail.com>

Permission to use, copy, modify, and/or distribute this software for
any purpose with or without fee is hereby granted, provided that the
above copyright notice and this permission notice appear in all
copies.

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

Simple Build Tool Launcher
Copyright 2008, 2009, 2010  Mark Harrah, David MacIver
Licensed under BSD-style license (see LICENSE)

Classes from the Scala library are distributed with the launcher.
Copyright 2002-2008 EPFL, Lausanne
Licensed under BSD-style license (see licenses/LICENSE_Scala)

JLine is distributed with the launcher.
It is licensed under a BSD-style license (see licenses/LICENSE_JLine)

Classes from Apache Ivy, licensed under the Apache License, Version 2.0
(see licenses/LICENSE_Apache) are distributed with the launcher.
It requires the following notice:

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

Portions of Ivy were originally developed by
Jayasoft SARL (http://www.jayasoft.fr/)
and are licensed to the Apache Software Foundation under the
"Software Grant License Agreement"

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

Copyright (c) 1988-1997 Sam Leffler
Copyright (c) 1991-1997 Silicon Graphics, Inc.

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Sam Leffler and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Copyright (C) 2001 Fabrice Bellard

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

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

You should have received a copy of the GNU Lesser General Public License along with FFmpeg; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid
distributors to deny you these rights or to ask you to surrender these
rights. These restrictions translate to certain responsibilities for
you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.
In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 280
and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.
This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

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

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
Copyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>
All rights reserved.

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

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

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

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

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

BSD License

Copyright (c) 2000-2006, www.hamcrest.org
All rights reserved.

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

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

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

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

libjpeg-turbo Licenses

libjpeg-turbo is covered by three compatible BSD-style open source licenses:

- The IJG (Independent JPEG Group) License, which is listed in [README.ijg](README.ijg)

This license applies to the libjpeg API library and associated programs (any code inherited from libjpeg, and any modifications to that code.)
- The Modified (3-clause) BSD License, which is listed below

This license covers the TurboJPEG API library and associated programs, as well as the build system.

- The [zlib License](https://opensource.org/licenses/Zlib)

This license is a subset of the other two, and it covers the libjpeg-turbo SIMD extensions.

Complying with the libjpeg-turbo Licenses
=========================================

This section provides a roll-up of the libjpeg-turbo licensing terms, to the best of our understanding.

1. If you are distributing a modified version of the libjpeg-turbo source, then:

   1. You cannot alter or remove any existing copyright or license notices from the source.

   **Origin**
   - Clause 1 of the IJG License
   - Clause 1 of the Modified BSD License
   - Clauses 1 and 3 of the zlib License

2. You must add your own copyright notice to the header of each source file you modified, so others can tell that you modified that file (if there is not an existing copyright header in that file, then you can simply add a notice stating that you modified the file.)

   **Origin**
   - Clause 1 of the IJG License
   - Clause 2 of the zlib License

3. You must include the IJG README file, and you must not alter any of the copyright or license text in that file.

   **Origin**
   - Clause 1 of the IJG License

2. If you are distributing only libjpeg-turbo binaries without the source, or if you are distributing an application that statically links with libjpeg-turbo, then:
1. Your product documentation must include a message stating:

   This software is based in part on the work of the Independent JPEG Group.

   **Origin**
   - Clause 2 of the IJG license

2. If your binary distribution includes or uses the TurboJPEG API, then your product documentation must include the text of the Modified BSD License (see below.)

   **Origin**
   - Clause 2 of the Modified BSD License

3. You cannot use the name of the IJG or The libjpeg-turbo Project or the contributors thereof in advertising, publicity, etc.

   **Origin**
   - IJG License
   - Clause 3 of the Modified BSD License

4. The IJG and The libjpeg-turbo Project do not warrant libjpeg-turbo to be free of defects, nor do we accept any liability for undesirable consequences resulting from your use of the software.

   **Origin**
   - IJG License
   - Modified BSD License
   - zlib License

The Modified (3-clause) BSD License
===================================

Copyright (C)2009-2019 D. R. Commander. All Rights Reserved.
Copyright (C)2015 Viktor Szathmry. All Rights Reserved.

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

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

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

Why Three Licenses?
===================

The zlib License could have been used instead of the Modified (3-clause) BSD License, and since the IJG License effectively subsumes the distribution conditions of the zlib License, this would have effectively placed libjpeg-turbo binary distributions under the IJG License. However, the IJG License specifically refers to the Independent JPEG Group and does not extend attribution and endorsement protections to other entities. Thus, it was desirable to choose a license that granted us the same protections for new code that were granted to the IJG for code derived from their software.

Copyright (c) 2006, Industrial Light & Magic, a division of Lucasfilm Entertainment Company Ltd. Portions contributed and copyright held by others as indicated. All rights reserved.

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

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

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

* Neither the name of Industrial Light & Magic nor the names of any other contributors to this software may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

JasPer License Version 2.0

Copyright (c) 2001-2006 Michael David Adams
Copyright (c) 1999-2000 Image Power, Inc.
Copyright (c) 1999-2000 The University of British Columbia

All rights reserved.

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

1. The above copyright notices and this permission notice (which includes the disclaimer below) shall be included in all copies or substantial portions of the Software.

2. The name of a copyright holder shall not be used to endorse or promote products derived from the Software without specific prior written permission.

THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF THE SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. THE SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. NO ASSURANCES ARE PROVIDED BY THE COPYRIGHT HOLDERS THAT THE SOFTWARE DOES NOT INFRINGE THE PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY OTHER ENTITY.
EACH COPYRIGHT HOLDER DISCLAIMS ANY LIABILITY TO THE USER FOR CLAIMS BROUGHT BY ANY OTHER ENTITY BASED ON INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHERWISE. AS A CONDITION TO EXERCISING THE RIGHTS GRANTED HEREUNDER, EACH USER HEREBY ASSUMES SOLE RESPONSIBILITY TO SECURE ANY OTHER INTELLECTUAL PROPERTY RIGHTS NEEDED, IF ANY. THE SOFTWARE IS NOT FAULT-TOLERANT AND IS NOT INTENDED FOR USE IN MISSION-CRITICAL SYSTEMS, SUCH AS THOSE USED IN THE OPERATION OF NUCLEAR FACILITIES, AIRCRAFT NAVIGATION OR COMMUNICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS, DIRECT LIFE SUPPORT MACHINES, OR WEAPONS SYSTEMS, IN WHICH THE FAILURE OF THE SOFTWARE OR SYSTEM COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE ("HIGH RISK ACTIVITIES"). THE COPYRIGHT HOLDERS SPECIFICALLY DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES.

License for Berkeley SoftFloat Release 3c

John R. Hauser
2017 February 10

The following applies to the whole of SoftFloat Release 3c as well as to each source file individually.


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

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

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

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

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF
Documentation and/or other materials provided with the distribution.

3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

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

Copyright (C) 2016 The Android Open Source Project

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

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

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

SCALA LICENSE

Copyright (c) 2002-2008 EPFL, Lausanne, unless otherwise specified. All rights reserved.

This software was developed by the Programming Methods Laboratory of the Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland.

Permission to use, copy, modify, and distribute this software in source or binary form for any purpose with or without fee is hereby granted, provided that the following conditions are met:

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

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

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

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

1.17 sql-cipher 4.0.1
1.17.1 Available under license:

Copyright (c) 2008, ZETETIC LLC
All rights reserved.

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

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

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

The author disclaims copyright to this source code. In place of a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.
The author disclaims copyright to this source code. In place of
a legal notice, here is a blessing:

* May you do good and not evil.
* May you find forgiveness for yourself and forgive others.
* May you share freely, never taking more than you give.

1.18 microsoft-xaml-behaviors-uwp-managed
3.0.40218.0
1.18.1 Available under license :

The MIT License (MIT)

Copyright (c) 2015 Microsoft

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

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

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

1.19 xz 15.14
1.19.1 Available under license :

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains
a notice placed by the copyright holder saying it may be distributed
under the terms of this General Public License. The "Program", below,
refers to any such program or work, and a "work based on the Program"
means either the Program or any derivative work under copyright law:
that is to say, a work containing the Program or a portion of it,
either verbatim or with modifications and/or translated into another
language. (Hereinafter, translation is included without limitation in
the term "modification"). Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running the Program is not restricted, and the output from the Program
is covered only if its contents constitute a work based on the
Program (independent of having been made by running the Program).
Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's
source code as you receive it, in any medium, provided that you
conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

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

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

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

b) You must cause any work that you distribute or publish, that in
whole or in part contains or is derived from the Program or any
part thereof, to be licensed as a whole at no charge to all third
parties under the terms of this License.

c) If the modified program normally reads commands interactively
when run, you must cause it, when started running for such
interactive use in the most ordinary way, to print or display an
announcement including an appropriate copyright notice and a
notice that there is no warranty (or else, saying that you provide
a warranty) and that users may redistribute the program under
these conditions, and telling the user how to view a copy of this
License. (Exception: if the Program itself is interactive but
does not normally print such an announcement, your work based on
the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
with the Program (or with a work based on the Program) on a volume of
a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of
Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable
source code, which must be distributed under the terms of Sections
1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three
years, to give any third party, for a charge no more than your
cost of physically performing source distribution, a complete
machine-readable copy of the corresponding source code, to be
distributed under the terms of Sections 1 and 2 above on a medium
customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer
to distribute corresponding source code. (This alternative is
allowed only for noncommercial distribution and only if you
received the program in object code or executable form with such
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not...
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Program at all. For example, if a patent
license would not permit royalty-free redistribution of the Program by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under
any particular circumstance, the balance of the section is intended to
apply and the section as a whole is intended to apply in other
circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system, which is
implemented by public license practices. Many people have made
generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

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

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License
may add an explicit geographical distribution limitation excluding
those countries, so that distribution is permitted only in or among
countries not thus excluded. In such case, this License incorporates
the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions
of the General Public License from time to time. Such new versions will
be similar in spirit to the present version, but may differ in detail to
address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and conditions
either of that version or of any later version published by the Free
Software Foundation. If the Program does not specify a version number of
this License, you may choose any version ever published by the Free Software
Foundation.
10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>  
Copyright (C) <year>  <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License.

GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program--to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systemic
pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

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

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.
An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the extent that warranties are provided), that licensees may convey the work under this License, and how to view a copy of this License. If the interface presents a list of user commands or options, such as a menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work for making modifications to it. "Object code" means any non-source form of a work.

A "Standard Interface" means an interface that either is an official standard defined by a recognized standards body, or, in the case of interfaces specified for a particular programming language, one that is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other than the work as a whole, that (a) is included in the normal form of packaging a Major Component, but which is not part of that Major Component, and (b) serves only to enable use of the work with that Major Component, or to implement a Standard Interface for which an implementation is available to the public in source code form. A "Major Component", in this context, means a major essential component (kernel, window system, and so on) of the specific operating system (if any) on which the executable work runs, or a compiler used to produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all the source code needed to generate, install, and (for an executable work) run the object code and to modify the work, including scripts to control those activities. However, it does not include the work's System Libraries, or general-purpose tools or generally available free programs which are used unmodified in performing those activities but which are not part of the work. For example, Corresponding Source includes interface definition files associated with source files for the work, and the source code for shared libraries and dynamically linked subprograms that the work is specifically designed to require, such as by intimate data communication or control flow between those subprograms and other parts of the work.

The Corresponding Source need not include anything that users can regenerate automatically from other parts of the Corresponding Source.
The Corresponding Source for a work in source code form is that same work.

2. Basic Permissions.

All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work’s users, your or third parties’ legal rights to forbid circumvention of technological measures.


You may convey verbatim copies of the Program's source code as you
receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.
You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:

a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded
from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family, or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.
7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions. Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered "further restrictions" within the meaning of section 10. If the Program as you
received it, or any part of it, contains a notice stating that it is
governed by this License along with a term that is a further
restriction, you may remove that term. If a license document contains
a further restriction but permits relicensing or conveying under this
License, you may add to a covered work material governed by the terms
of that license document, provided that the further restriction does
not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you
must place, in the relevant source files, a statement of the
additional terms that apply to those files, or a notice indicating
where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the
form of a separately written license, or stated as exceptions;
the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly
provided under this License. Any attempt otherwise to propagate or
modify it is void, and will automatically terminate your rights under
this License (including any patent licenses granted under the third
paragraph of section 11).

However, if you cease all violation of this License, then your
license from a particular copyright holder is reinstated (a)
provisionally, unless and until the copyright holder explicitly and
finally terminates your license, and (b) permanently, if the copyright
holder fails to notify you of the violation by some reasonable means
prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is
reinstated permanently if the copyright holder notifies you of the
violation by some reasonable means, this is the first time you have
received notice of violation of this License (for any work) from that
copyright holder, and you cure the violation prior to 30 days after
your receipt of the notice.

Termination of your rights under this section does not terminate the
licenses of parties who have received copies or rights from you under
this License. If your rights have been terminated and not permanently
reinstated, you do not qualify to receive new licenses for the same
material under section 10.


You are not required to accept this License in order to receive or
run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.
Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.

In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement.
or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.


If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that obligate you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you
to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided above cannot be given local legal effect according to their terms, reviewing courts shall apply local law that most closely approximates an absolute waiver of all civil liability in connection with the Program, unless a warranty or assumption of liability accompanies a copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
state the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software: you can redistribute it and/or modify
it under the terms of the GNU General Public License as published by
the Free Software Foundation, either version 3 of the License, or
(at your option) any later version.

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

You should have received a copy of the GNU General Public License
along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short
notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>
This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, your program's commands
might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school,
if any, to sign a "copyright disclaimer" for the program, if necessary.
For more information on this, and how to apply and follow the GNU GPL, see
<http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program
into proprietary programs. If your program is a subroutine library, you
may consider it more useful to permit linking proprietary applications with
the library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License. But first, please read

XZ Utils Licensing
==================
Different licenses apply to different files in this package. Here is a rough summary of which licenses apply to which parts of this package (but check the individual files to be sure!):

- liblzma is in the public domain.

- xz, xzdec, and lzmadec command line tools are in the public domain unless GNU getopt_long had to be compiled and linked in from the lib directory. The getopt_long code is under GNU LGPLv2.1+.

- The scripts to grep, diff, and view compressed files have been adapted from gzip. These scripts and their documentation are under GNU GPLv2+.

- All the documentation in the doc directory and most of the XZ Utils specific documentation files in other directories are in the public domain.

- Translated messages are in the public domain.

- The build system contains public domain files, and files that are under GNU GPLv2+ or GNU GPLv3+. None of these files end up in the binaries being built.

- Test files and test code in the tests directory, and debugging utilities in the debug directory are in the public domain.

- The extra directory may contain public domain files, and files that are under various free software licenses.

You can do whatever you want with the files that have been put into the public domain. If you find public domain legally problematic, take the previous sentence as a license grant. If you still find the lack of copyright legally problematic, you have too many lawyers.

As usual, this software is provided "as is", without any warranty.

If you copy significant amounts of public domain code from XZ Utils into your project, acknowledging this somewhere in your software is polite (especially if it is proprietary, non-free software), but naturally it is not legally required. Here is an example of a good notice to put into "about box" or into documentation:

This software includes code from XZ Utils <https://tukaani.org/xz/>.
The following license texts are included in the following files:
- COPYING.LGPLv2.1: GNU Lesser General Public License version 2.1
- COPYING.GPLv2: GNU General Public License version 2
- COPYING.GPLv3: GNU General Public License version 3

Note that the toolchain (compiler, linker etc.) may add some code pieces that are copyrighted. Thus, it is possible that e.g. liblzma binary wouldn't actually be in the public domain in its entirety even though it contains no copyrighted code from the XZ Utils source package.

If you have questions, don't hesitate to ask the author(s) for more information.

### 1.20 caliburn-micro-core 4.0.0.0

#### 1.20.1 Available under license:

The MIT License

Copyright (c) 2010 Blue Spire Consulting, Inc.

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

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

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

### 1.21 caliburn-micro 4.0.0.0

#### 1.21.1 Available under license:

The MIT License

Copyright (c) 2010 Blue Spire Consulting, Inc.
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

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

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

1.22 free-type 2.10.0

1.22.1 Available under license:

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.
To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program
is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

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

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

   b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.
4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is
implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE
PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:
Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

# Files that don't get a copyright, or which are taken from elsewhere.
#
# All lines in this file are patterns, including the comment lines; this
# means that e.g. `FTL.TXT' matches all files that have this string in
# the file name (including the path relative to the current directory,
# always starting with `./').
#
# Don't put empty lines into this file!
#
# .gitignore
#
builds/unix/pkg.m4
#
docs/FTL.TXT

docs/GPLv2.TXT
#
include/freetype/internal/fthash.h
#
src/base/fthash.c
	src/base/md5.c
	src/base/md5.h
#
The FreeType 2 font engine is copyrighted work and cannot be used legally without a software license. In order to make this project usable to a vast majority of developers, we distribute it under two mutually exclusive open-source licenses.
This means that *you* must choose *one* of the two licenses described below, then obey all its terms and conditions when using FreeType in any of your projects or products.

- The FreeType License, found in the file `FTL.TXT`, which is similar to the original BSD license *with* an advertising clause that forces you to explicitly cite the FreeType project in your product's documentation. All details are in the license file. This license is suited to products which don't use the GNU General Public License.

  Note that this license is compatible to the GNU General Public License version 3, but not version 2.

- The GNU General Public License version 2, found in `GPLv2.TXT` (any later version can be used also), for programs which already use the GPL. Note that the FTL is incompatible with GPLv2 due to its advertisement clause.

The contributed BDF and PCF drivers come with a license similar to that of the X Window System. It is compatible to the above two licenses (see file src/bdf/README and src/pcf/README). The same holds for the files `fthash.c` and `fthash.h`; their code was part of the BDF driver in earlier FreeType versions.

The gzip module uses the zlib license (see src/gzip/zlib.h) which too is compatible to the above two licenses.

The MD5 checksum support (only used for debugging in development builds) is in the public domain.

--- end of LICENSE.TXT ---

The FreeType Project LICENSE
----------------------------

2006-Jan-27

Copyright 1996-2002, 2006 by
David Turner, Robert Wilhelm, and Werner Lemberg

Introduction
============

The FreeType Project is distributed in several archive packages;
some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products alike. As a consequence, its main points are that:

- We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)

- You can use this software for whatever you want, in parts or full form, without having to pay us. (`royalty-free' usage)

- You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

```markdown
##
Portions of this software are copyright <year> The FreeType Project (www.freetype.org). All rights reserved.
##
```

Please replace `<year>` with the value from the FreeType version you actually use.

Legal Terms
============

0. Definitions
Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the `FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType engine'.

This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

 o Redistribution of source code must retain this license file (`FTL.TXT') unaltered; any additions, deletions or changes to
the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.

- Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: `FreeType Project', `FreeType Engine', `FreeType library', or `FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts

There are two mailing lists related to FreeType:

- freetype@nongnu.org

Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.
Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

https://www.freetype.org

--- end of FTL.TXT ---

1.23 logofx-core 2.0.0

1.23.1 Available under license:

The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

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

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

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

1.24 openssl 1.0.1.c

1.24.1 Available under license:

LICENSE ISSUES

The OpenSSL toolkit stays under a double license, i.e. both the conditions of the OpenSSL License and the original SSLeay license apply to the toolkit.
See below for the actual license texts.

OpenSSL License

---------------

/* ====================================================================
 * Copyright (c) 1998-2019 The OpenSSL Project. All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 * notice, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in
 * the documentation and/or other materials provided with the
 * distribution.
 *
 * 3. All advertising materials mentioning features or use of this
 * software must display the following acknowledgment:
 * "This product includes software developed by the OpenSSL Project
 * for use in the OpenSSL Toolkit. (http://www.openssl.org/)
 *
 * 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
 * endorse or promote products derived from this software without
 * prior written permission. For written permission, please contact
 * openssl-core@openssl.org.
 *
 * 5. Products derived from this software may not be called "OpenSSL"
 * nor may "OpenSSL" appear in their names without prior written
 * permission of the OpenSSL Project.
 *
 * 6. Redistributions of any form whatsoever must retain the following
 * acknowledgment:
 * "This product includes software developed by the OpenSSL Project
 * for use in the OpenSSL Toolkit (http://www.openssl.org/)
 *
 * THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
 * EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
 * IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
 * PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE OpenSSL PROJECT OR
 * ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
 * SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
 * NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
 * LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
 * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
*
*===================================================================
*
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

Original SSLeay License
-----------------------

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
 * All rights reserved.
 *
 * This package is an SSL implementation written
 * by Eric Young (eay@cryptsoft.com).
 * The implementation was written so as to conform with Netscapes SSL.
 *
 * This library is free for commercial and non-commercial use as long as
 * the following conditions are aheared to. The following conditions
 * apply to all code found in this distribution, be it the RC4, RSA,
 * Ihash, DES, etc., code; not just the SSL code. The SSL documentation
 * included with this distribution is covered by the same copyright terms
 * except that the holder is Tim Hudson (tjh@cryptsoft.com).
 *
 * Copyright remains Eric Young's, and as such any Copyright notices in
 * the code are not to be removed.
 * If this package is used in a product, Eric Young should be given attribution
 * as the author of the parts of the library used.
 * This can be in the form of a textual message at program startup or
 * in documentation (online or textual) provided with the package.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 * 1. Redistributions of source code must retain the copyright
 *    notice, this list of conditions and the following disclaimer.
 * 2. Redistributions in binary form must reproduce the above copyright
 *    notice, this list of conditions and the following disclaimer in the
 *    documentation and/or other materials provided with the distribution.
 * 3. All advertising materials mentioning features or use of this software
 *    must display the following acknowledgement:
 *    "This product includes cryptographic software written by
 *    Eric Young (eay@cryptsoft.com)"
 * The word 'cryptographic' can be left out if the rouines from the library
The "Artistic License"

Preamble

The intent of this document is to state the conditions under which a Package may be copied, such that the Copyright Holder maintains some semblance of artistic control over the development of the package, while giving the users of the package the right to use and distribute the Package in a more-or-less customary fashion, plus the right to make reasonable modifications.

Definitions:

"Package" refers to the collection of files distributed by the Copyright Holder, and derivatives of that collection of files created through textual modification.

"Standard Version" refers to such a Package if it has not been modified, or has been modified in accordance with the wishes of the Copyright Holder as specified below.

"Copyright Holder" is whoever is named in the copyright or
copyrights for the package.

"You" is you, if you're thinking about copying or distributing this Package.

"Reasonable copying fee" is whatever you can justify on the basis of media cost, duplication charges, time of people involved, and so on. (You will not be required to justify it to the Copyright Holder, but only to the computing community at large as a market that must bear the fee.)

"Freely Available" means that no fee is charged for the item itself, though there may be fees involved in handling the item. It also means that recipients of the item may redistribute it under the same conditions they received it.

1. You may make and give away verbatim copies of the source form of the Standard Version of this Package without restriction, provided that you duplicate all of the original copyright notices and associated disclaimers.

2. You may apply bug fixes, portability fixes and other modifications derived from the Public Domain or from the Copyright Holder. A Package modified in such a way shall still be considered the Standard Version.

3. You may otherwise modify your copy of this Package in any way, provided that you insert a prominent notice in each changed file stating how and when you changed that file, and provided that you do at least ONE of the following:

   a) place your modifications in the Public Domain or otherwise make them Freely Available, such as by posting said modifications to Usenet or an equivalent medium, or placing the modifications on a major archive site such as uunet.uu.net, or by allowing the Copyright Holder to include your modifications in the Standard Version of the Package.

   b) use the modified Package only within your corporation or organization.

   c) rename any non-standard executables so the names do not conflict with standard executables, which must also be provided, and provide a separate manual page for each non-standard executable that clearly documents how it differs from the Standard Version.

   d) make other distribution arrangements with the Copyright Holder.

4. You may distribute the programs of this Package in object code or executable form, provided that you do at least ONE of the following:

   a) distribute a Standard Version of the executables and library files,
together with instructions (in the manual page or equivalent) on where to get the Standard Version.

b) accompany the distribution with the machine-readable source of the Package with your modifications.

c) give non-standard executables non-standard names, and clearly document the differences in manual pages (or equivalent), together with instructions on where to get the Standard Version.

d) make other distribution arrangements with the Copyright Holder.

5. You may charge a reasonable copying fee for any distribution of this Package. You may charge any fee you choose for support of this Package. You may not charge a fee for this Package itself. However, you may distribute this Package in aggregate with other (possibly commercial) programs as part of a larger (possibly commercial) software distribution provided that you do not advertise this Package as a product of your own. You may embed this Package's interpreter within an executable of yours (by linking); this shall be construed as a mere form of aggregation, provided that the complete Standard Version of the interpreter is so embedded.

6. The scripts and library files supplied as input to or produced as output from the programs of this Package do not automatically fall under the copyright of this Package, but belong to whoever generated them, and may be sold commercially, and may be aggregated with this Package. If such scripts or library files are aggregated with this Package via the so-called "undump" or "unexec" methods of producing a binary executable image, then distribution of such an image shall neither be construed as a distribution of this Package nor shall it fall under the restrictions of Paragraphs 3 and 4, provided that you do not represent such an executable image as a Standard Version of this Package.

7. C subroutines (or comparably compiled subroutines in other languages) supplied by you and linked into this Package in order to emulate subroutines and variables of the language defined by this Package shall not be considered part of this Package, but are the equivalent of input as in Paragraph 6, provided these subroutines do not change the language in any way that would cause it to fail the regression tests for the language.

8. Aggregation of this Package with a commercial distribution is always permitted provided that the use of this Package is embedded; that is, when no overt attempt is made to make this Package's interfaces visible to the end user of the commercial distribution. Such use shall not be construed as a distribution of this Package.
9. The name of the Copyright Holder may not be used to endorse or promote
products derived from this software without specific prior written permission.

10. THIS PACKAGE IS PROVIDED "AS IS" AND WITHOUT ANY EXPRESS OR
IMPLIED WARRANTIES, INCLUDING, WITHOUT LIMITATION, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.

The End

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA
02111-1307, USA.
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Library General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must give the recipients all the rights that
you have. You must make sure that they, too, receive or can get the
source code. And you must show them these terms so they know their
rights.
We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

   b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it,
under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
Appendix: How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) 19yy <name of author>

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

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

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place - Suite 330, Boston, MA 02111-1307, USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) 19yy name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Library General
Public License instead of this License.

1.25 protobuf 3.12.2
1.25.1 Available under license :

Copyright 2008 Google Inc. All rights reserved.

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

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

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

Code generated by the Protocol Buffer compiler is owned by the owner
of the input file used when generating it. This code is not
standalone and requires a support library to be linked with it. This support library is itself covered by the above license.
This file contains a list of people who have made large contributions to the public version of Protocol Buffers.

Original Protocol Buffers design and implementation:
Sanjay Ghemawat <sanjay@google.com>
Jeff Dean <jeff@google.com>
Daniel Dulitz <daniel@google.com>
Craig Silverstein
Paul Haahr <haahr@google.com>
Corey Anderson <corin@google.com>
(and many others)

Proto2 C++ and Java primary author:
Kenton Varda <kenton@google.com>

Proto2 Python primary authors:
Will Robinson <robinson@google.com>
Petar Petrov <petar@google.com>

Java Nano primary authors:
Brian Duff <bduff@google.com>
Tom Chao <chaot@google.com>
Max Cai <maxtroy@google.com>
Ulas Kirazci <ulas@google.com>

Large code contributions:
Jason Hsueh <jasonh@google.com>
Joseph Schorr <jschorr@google.com>
Wenbo Zhu <wenboz@google.com>

Large quantity of code reviews:
Scott Bruce <sbruce@google.com>
Frank Yellin
Neal Norwitz <nnorwitz@google.com>
Jeffrey Yasskin <jyasskin@google.com>
Ambrose Feinstein <ambrose@google.com>

Documentation:
Lisa Carey <lcarey@google.com>

Maven packaging:
Gregory Kick <gak@google.com>

Patch contributors:
Kevin Ko <kevin.s.ko@gmail.com>
* Small patch to handle trailing slashes in --proto_path flag.
Johan Euphrosine <proppy@aminche.com>
* Small patch to fix Python CallMethod().
Ulrich Kunitz <kune@deine-taler.de>
* Small optimizations to Python serialization.
Leandro Lucarella <llucax@gmail.com>
* VI syntax highlighting tweaks.
* Fix compiler to not make output executable.
Dilip Joseph <dilip.antony.joseph@gmail.com>
* Heuristic detection of sub-messages when printing unknown fields in text format.
Brian Atkinson <nairb774@gmail.com>
* Added @Override annotation to generated Java code where appropriate.
Vincent Choinire <Choiniere.Vincent@hydro.qc.ca>
* Tru64 support.
Monty Taylor <monty.taylor@gmail.com>
* Solaris 10 + Sun Studio fixes.
Alek Storm <alek.storm@gmail.com>
* Slicing support for repeated scalar fields for the Python API.
Oleg Smolsky <oleg.smolsky@gmail.com>
* MS Visual Studio error format option.
* Detect unordered_map in stl_hash.m4.
Brian Olson <brianolson@google.com>
* gzip/zlib I/O support.
Michael Poole <mdpoole@troilus.org>
* Fixed warnings about generated constructors not explicitly initializing all fields (only present with certain compiler settings).
* Added generation of field number constants.
Wink Saville <wink@google.com>
* Fixed initialization ordering problem in logging code.
Will Pierce <willp@nuclei.com>
* Small patch improving performance of in Python serialization.
Alexandre Vassalotti <alexandre@peadrop.com>
* Emacs mode for Protocol Buffers (editors/protobuf-mode.el).
Scott Stafford <scott.stafford@gmail.com>
* Added Swap(), SwapElements(), and RemoveLast() to Reflection interface.
Alexander Melnikov <alm@sibmail.ru>
* HPUX support.
Oliver Jowett <oliver.jowett@gmail.com>
* Detect whether zlib is new enough in configure script.
* Fixes for Solaris 10 32/64-bit confusion.
Evan Jones <evanj@mit.edu>
* Optimize Java serialization code when writing a small message to a stream.
* Optimize Java serialization of strings so that UTF-8 encoding happens only once per string per serialization call.
* Clean up some Java warnings.
* Fix bug with permanent callbacks that delete themselves when run.
Michael Kucharski <m.kucharski@gmail.com>
* Added CodedInputStream.getTotalBytesRead().
Kacper Kowalik <xarthisius.kk@gmail.com>
* Fixed m4/acx_pthread.m4 problem for some Linux distributions.
William Orr <will@worrbase.com>
* Fixed detection of sched_yield on Solaris.
* Added atomicops for Solaris
Andrew Paprocki <andrew@ishiboo.com>
* Fixed minor IBM xlC compiler build issues
* Added atomicops for AIX (POWER)

1.26 microsoft-netcore-app 4.6.26515.06

1.26.1 Available under license:

# License information for .NET

The Windows distribution of .NET 5.0 contains files that are provided under multiple licenses.
This information is provided to help you to understand if the files, and their associated licenses terms, apply to your use.
By using any or all of these files you agree to their associated license terms.

The following binaries are licensed with the [.NET Library License](https://dotnet.microsoft.com/en/dotnet_library_license.htm)

* WPF: PresentationNative_cor3.dll
* WPF: wpfgfx_cor3.dll

The following binaries are licensed with the [Visual Studio 2019 License](https://visualstudio.microsoft.com/license-terms/mlt031619/)
(not as a "trial"):

* WPF: vcruntime140_cor3.dll
* SDK Tools: Microsoft.DiaSymReader.Native.{x86|amd64|arm|arm64}.dll

The following binaries are licensed with the [Windows SDK License](https://docs.microsoft.com/legal/windows-sdk/license):

* .NET Core: api-ms-.*
* .NET Core: ucrtbase.dll
* WPF: D3DCompiler_47_cor3.dll

All other binaries and files are licensed with the [MIT license](https://github.com/dotnet/core/blob/master/LICENSE.TXT)

This document is provided for informative purposes only, and is not itself a license.
# Contributions to .NET Core 2.0 Preview 2

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is
generated with the following command listed below in an attempt to capture all contributions which have gone into
`.NET Core 2.0 Preview 2. Where multiple email addresses were returned for a single person, the counts were
aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2017-05-05} --until release/2.0.0@{2017-06-07}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are
listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (57)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Mike Lorbetske (39)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Nick Guerrera (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholga@microsoft.com)
* [John Beisner (28)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com)
* [Eric Erhardt (22)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [William Li (21)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [Livar (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Daniel Plaisted (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com)
* [Rainer Sigwald (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com)
* [Justin Emgarten (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com)
* [Vijay Ramakrishnan (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.com)
* [Ashley Hauck (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com)
* [Kevin Ransom (3)](https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com)
* [Steve Sanderson (3)](https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com)
  * [Mikkel Nylander Bundgaard (3)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com)
  * [Enrico Sada (3)](https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io)
  * [Ankit Mishra (2)](https://github.com/dotnet/cli/commits/release/2.0.0?author=anmishr@microsoft.com)
  * [Ashish Jain (NUGET) (2)](https://github.com/dotnet/cli/commits/release/2.0.0?author=asja@microsoft.com)
  * [Matt Ellis (2)](https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com)
  * [Nat Ayewah (2)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nayewah@microsoft.com)
  * [Nikolche Kolev (2)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nikolev@microsoft.com)
  * [faahmad (2)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-DEV32)
  * [jonsequitur (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequitur@gmail.com)
  * [Mardoxx (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mardoxx@gmail.com)
  * [SaeHie Park (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=saeheepark@samsung.com)
  * [Kevin Ransom (msft) (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=codecutter.fsharp@hotmail.com)
  * [James Lanng (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jamess@jltc.co.uk)
## CoreCLR

* [Brian Robbins (19)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com)
* [wtgodbe (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (9)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Jan Kotas (8)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com)
* [Pat Gavelin (7)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@microsoft.com)
* [Mike McLaughlin (6)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com)
* [Pat Gavlin (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com)
* [Sergey Andreenko (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com)
* [jashook (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com)
* [Swaroop Sridhar (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com)
* [Jonghyun Park (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com)
* [Mukul Sabharwal (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=msjabb@y@gmail.com)
* [Drew Scoggins (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [Tarek Mahmoud Sayed (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekm@microsoft.com)
* [Tanner Gooding (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com)
* [Wes Haggard (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Joseph Tremoulet (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com)
* [Jan Vorlicek (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com)
* [Koundinya Veluri (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Alex Ghiondea (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Davis Goodin (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dagood@microsoft.com)
* [Drew Scoggins (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [Gaurav Khanna (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Jeremy Kuhne (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Justin Van Patten (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com)
* [Stephen Toub (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com)
* [Steve MacLean (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Sujin Kim (2)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjusin.kim@samsung.com)
* [Sean Gillespie (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me)
* [Sepideh Khoshnoood (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sekhos@microsoft.com)
* [Michelle McDaniel (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaida@gmail.com)
* [Atsushi Kanamori (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 347
## CoreFX

* [Stephen Toub (98)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)
* [Hugh Bellamy (36)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellaryas@gmail.com)
* [Viktor Hofer (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Eric St. John (16)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Dan Moseley (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=danmose@microsoft.com)
* [Atsushi Kanamori (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com)
* [Wes Haggard (12)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Jeremy Barton (11)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com)
* [Santiago Fernandez Madero (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)
* [Atsushi Kanamori (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com)
* [Lakshmi Priya Sekar (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com)
* [Shin Mao (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmoo@microsoft.com)
* [Jeremy Kuhne (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Morgan Brown (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com)
* [Cory Rivera (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com)
* [Sepideh Khoshnood (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com)
* [Santiago Fernandez (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 348
* [Saurabh Singh](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com)
* [Krzysztof Wicher](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com)
* [Eric Mellino](https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com)
* [Eric StJohn](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Vance Morrison](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net)
* [Geoff Kizer](https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek)
* [Tarek Mahmoud Sayed](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Krzysztof Wicher](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com)
* [Ian Hays](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com)
* [Matt Ellis](https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com)
* [Cristian Pop](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com)
* [Frédéric Ringenbach](https://github.com/dotnet/corefx/commits/release/2.0.0?author=fringenbach@gmail.com)
* [Jiayi Li](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [Jose Perez Rodriguez](https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com)
* [Liudmila Molkova](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com)
* [Matt Galbraith](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Matt Mitchell](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com)
* [Jiyoung Yun](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com)
* [Alex Ghiondea](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [ Huangli Wu](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Wes Haggard](https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com)
* [stephenmichael](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stephenmichael@gmail.com)
* [Saurabh Singh](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com)
* [Lakshmi Priya Sekar](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com)
* [Karel Zikmund](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com)
* [Koundinya Veluri](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Martin Baulig](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mabaul@microsoft.com)
* [Dongbo Wang](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dongbow@microsoft.com)
* [Steve Harter](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com)
* [Sven Boemer](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sbomer@gmail.com)
* [Cristian Pop](https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com)
* [Tom Matouek](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tmat@users.noreply.github.com)
* [Chris Rummel](https://github.com/dotnet/corefx/commits/release/2.0.0?author=crummel@microsoft.com)
* [Carol Wang](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com)
* [Vladyslav](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vladyslav.kochin@gmail.com)
* [Brian Robbins](https://github.com/dotnet/corefx/commits/release/2.0.0?author=brianrob@microsoft.com)
* [Anatoly Zhmur (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=azhmur@gmail.com)
* [Justin Van Patten (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com)
* [Joseph Musser (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=me@jum2.com)
* [Julien Couvreur (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcouv@microsoft.com)
* [Alex Ghiondea (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com)
* [Matt Connew (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mconnew@microsoft.com)
* [vsadov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Jason Lin (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Jason.Lin@microsoft.com)
* [Robert Anderson (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com)
* [Gene Lee (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com)
* [Gaurav Khanna (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Eric Erhardt (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Stephen A. Imhoff (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockwork-muse@outlook.com)

## WCF

* [Stephen Bonikowsky (14)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com)
* [Zhenlan Wang (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com)
* [Matt Connew (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnew@microsoft.com)
* [KKhurin (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [Tarek Mahmoud Sayed (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Shin Mao (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com)
* [hongdai (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com)

# Contributions to .NET Core 1.1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command against each repo. The release qualifier is different from the example in some cases. Also, where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
git shortlog -sne --no-merges --since {2016-05-20} --until {2016-11-08}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## CLI

- [Eric Erhardt (54)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Livar Cunha (45)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
# CoreCLR

- [James Ko (53)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jamesqko@gmail.com)
- [Jan Kotas (45)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jkotas@microsoft.com)
- [Pat Gavlin (43)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pagavlin@microsoft.com)
- [Bruce Forstall (38)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=brucefo@microsoft.com)
- [Kyungwoo Lee (33)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=skyulee@microsoft.com)
- [wtgodbe (32)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=wigodbe@microsoft.com)
- [Rahul Kumar (32)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rahku@microsoft.com)
- [Aditya Mandaleeka (32)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityam@microsoft.com)
- [Brian Sullivan (26)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=briansul@microsoft.com)
- [Andy Ayers (24)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=andya@microsoft.com)
- [Gaurav Khanna (24)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=gkhanna@microsoft.com)
- [Stephen Toub (23)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=stoub@microsoft.com)
- [Jan Vorlicek (22)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=janvorli@microsoft.com)
- [Mike McLaughlin (22)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mikem@microsoft.com)
- [Carol Eidt (21)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=carol.eidt@microsoft.com)
- [Jonghyun Park (18)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=parjong@gmail.com)
- [Mike Danes (17)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=onemihaid@hotmail.com)
- [Smile Wei (16)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=xiwe@microsoft.com)
- [Ben Adams (16)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=thundercat@illyriad.co.uk)
- [Michelle McDaniel (15)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adaiad@microsoft.com)
- [Prajwal A N (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=an.prajwal@samsung.com)
- [Fadi Hanna (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=fadin@microsft.com)
- [Peter Jas (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=necoyan@yahoo.com)
- [Rama Krishnan Raghupathy (14)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ramarag@microsoft.com)
- [Lakshmi Priya Sekar (13)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lacekar@microsoft.com)
- [Justin Van Patten (13)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jvp@justinvp.com)
- [Eric Mellino (12)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ermee@microsoft.com)
- [Sean Gillespie (11)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=segilles@microsoft.com)
- [Matt Mitchell (11)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mmitch@microsoft.com)
- [Russ Keldorph (11)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com)
- [Koundinya Veluri (11)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kouvel@microsoft.com)
- [John Chen (10)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com)
- [Sung-Jae Lee (10)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sjlee@mail.com)
- [Evgeny Pavlov (10)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=e.pavlov@samsung.com)
- [Maoni0 (10)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com)
- [Matt Ellis (9)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matell@microsoft.com)
- [Evgeny Pavlov (9)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lucenticus@gmail.com)
- [Pat Gavlin (9)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=pgavinl@gmail.com)
- [jashoo (9)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com)
- [Alex Ghiondea (9)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ghiondea.alexandru@microsoft.com)
- [Swaroop Sridhar (8)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=swaroops@microsoft.com)
- [Jose Perez Rodriguez (8)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joperezr@microsoft.com)
- [Geunsiik Lim (8)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=leemgs@users.noreply.github.com)
- [Joseph Tremoulet (7)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jotrem@microsoft.com)
- [Hanjoong Lee (7)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hanjoong.lee@samsung.com)
- [Aditya Mandaleeka (6)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=adityamandaleeka@users.noreply.github.com)
- [chunseoklee (6)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chunseoklee@naver.com)
- [Petr Onderka (5)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=gsvick@gmail.com)
- [Vance Morrison (5)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancemorrison@comcast.net)
- [Tarek Mahmoud Sayed (5)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tarekms@microsoft.com)
- [MyungJoo Ham (5)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@gmail.com)
- [John Chen (CLR) (5)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com)
- [Kshama Pawar (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kspawa@microsoft.com)
- [Hyung-Kyu Choi (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hqueue@users.noreply.github.com)
- [Lakshmi Priya (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Priya91@users.noreply.github.com)
- [Sejong Oh (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=seojooh@microsoft.com)
- [David Mason (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=davmason@microsoft.com)
- [Jarret Shook (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashoo@microsoft.com)
- [Wes Haggard (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com)
- [Davis Goodin (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dagood@microsoft.com)
- [sivarv (4)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sivarv@microsoft.com)
- [stephentoub (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=stoub@microsoft.com)
- [Hyung-Kyu Choi (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hk0110.choi@samsung.com)
- [krk (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=keremkat@gmail.com)
- [Ivan Baravy (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=i.baravy@samsung.com)
- [Vance Morrison (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vancem@microsoft.com)
- [Yi Zhang (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=yzha@microsoft.com)
- [dotnet bot (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dotnet-bot@dotnetfoundation.org)
- [Joel Hendrix (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jhendrix@microsoft.com)
- [Brian Robbins (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=brianrob@microsoft.com)
- [Dmitri-Botcharnikov (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dmitry.b@samsung.com)
- [Drew Scoggins (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=anscoggi@microsoft.com)
- [Egor Chesakov (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t-egche@microsoft.com)
- [Eric St. John (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ericstj@microsoft.com)
- [Eugene Rozenfeld (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=erozen@microsoft.com)
- [Bruce Bowyer-Smyth (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bbowyersmyth@live.com.au)
- [Maoni Stephens (3)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=maonis@microsoft.com)
- [papaslavik (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.com)
- [Dan Moseley (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dannose@microsoft.com)
- [William Godbe (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=wigodbe@microsoft.com)
- [Viacheslav Nikolaev (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=v.nikolaev@samsung.ru)
- [MyungJoo Ham (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=myungjoo.ham@samsung.com)
- [Tanner Gooding (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=tannergooding@users.noreply.github.com)
- [Mariana Rios Flores (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mariari@microsoft.com)
- [Sujin Kim (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sujsjin.kim@samsung.com)
- [Stephen A. Imhoff (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekh@microsoft.com)
- [Sepideh Khoshnood (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=sekho@microsoft.com)
- [Senthil (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=schellap@microsoft.com)
- [Ian Hays (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ianha@microsoft.com)
- [Deepak Shankargouda (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=deshank@microsoft.com)
- [Jostein Kjønigsen (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjonigsen.net)
- [vinnyrom (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=vinnry@microsoft.com)
- [Sasha Semennikov (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=alsemenn@microsoft.com)
- [rhadley (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rhadley@microsoft.com)
- [Hyeongseok Oh (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hseok82.oh@smasung.com)
- [Rich Lander (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=rlander@microsoft.com)
- [ukasz Domeradzki (2)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ukaszdomeradzki@microsoft.com)
- [Adam Speight (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=AdamSpeight2008@users.noreply.github.com)
- [Andrey Kvochko (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=a.kvochko@samsung.com)
- [Atsushi Kanamori (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=atsushik@microsoft.com)
- [Austin Wise (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=AustinWise@gmail.com)
- [Barry Dorrans (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com)
- [Bryan Arant (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bryanar@microsoft.com)
- [Bryan P. Arant (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=bryanar@microsoft.com)
- [Chris McKinsey (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=chrismck@microsoft.com)
- [Daniel Podder (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dapodd@microsoft.com)
- [Daniel Podder (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dpodder@gmail.com)
- [Davis Goodin (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dagood@users.noreply.github.com)
- [Dmitri Botcharnikov (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=dmitry.b@samsung.com)
- [Evgeniy Devyatkin (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mail@edevyatkin.com)
- [Guo Xiao (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=guoxiao@users.noreply.github.com)
- [Hyeongseok Oh (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=hseok82.oh@samsung.com)
- [James Singleton (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jpsingleton@users.noreply.github.com)
- [Jarret Shook (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jashook@jarret-miniguest.corp.microsoft.com)
- [Jeremy Kuhne (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jeremy.kuhne@microsoft.com)
- [Jim Ma (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mazong1123@gmail.com)
- [Jiyoung Giuliana Yun (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=t2wish@gmail.com)
- [Jiyoung Yun (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=ji910.yun@samsung.com)
- [John Soklaski (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jjsokla@microsoft.com)
- [JohnChen0 (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jochen@microsoft.com)
- [Jonathan Miller (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jonmill@microsoft.com)
- [Jose Manuel Heredia Hidalgo (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=joheredi@microsoft.com)
- [Jostein Kjønigsen (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=jostein@kjongsen.net)
- [Jørgen Htzel (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=juergen@hoetzel.info)
- [Krzysztof Cwalina (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kcwalina@microsoft.com)
- [Kurt Aadnoy (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=kurt+github@aadnoy.info)
- [Lorenzo Tessiore (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=l72@users.noreply.github.com)
- [Lubomir Litchev (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=LLLITCHEV@users.noreply.github.com)
- [Łukasz Tomczyk (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=lutomi@microsoft.com)
- [Maira Wenzel (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=mairaw@microsoft.com)
- [Martin Woodward (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=martin@dotnetfoundation.org)
- [Matt Warren (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=matt.warren@live.co.uk)
- [Michal Strehovsk (1)](https://github.com/dotnet/coreclr/commits/release/1.1.0/?author=michals@microsoft.com)
- [Mikhail I. Krivtsov (1)]
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0  356

(1)[https://github.com/dotnet/coreclr/commits/release/1.1.0?author=m.krivtsov@samsung.com]
- [Mukul Sabharwal (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mjsabby@gmail.com]
- [Oguz Bastemur (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=obastemur@users.noreply.github.com]
- [Oleg Demchenko (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=olegoid91@gmail.com]
- [Peter Foley (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=pefoley2@pefoley.com]
- [Peter Kukol (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=plukol@users.noreply.github.com]
- [Prajwal A N (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=prajwal.an92@gmail.com]
- [Rajkumar Janakiraman (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=janakiraman.rajkumar@gmail.com]
- [SaeHie Park (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=saehie.park@samsung.com]
- [Sasha Semennikov (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=alsemenn@sasha-mbp.guest.corp.microsoft.com]
- [Sean Gillespie (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sean.william.g@gmail.com]
- [Sejong OH (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sejooh@microsoft.com]
- [Sergiy Kuryata (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sergeyk@microsoft.com]
- [Shahid Khan (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=shahid.mrd@hotmail.com]
- [Swaroop Sridhar (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=Swaroop.Sridhar@microsoft.com]
- [Tarekm Mahmoud Sayed (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=tarekms@microsoft.com]
- [Tijoy Tom Kalathiparambil (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=tijoytk@microsoft.com]
- [Wes Haggard (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=weshaggard@users.noreply.github.com]
- [Xiangyang (Mark) Guo (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=xiangyang.guo@intel.com]
- [dotnetbot (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=dotnet-bot@microsoft.com]
- [hqueue (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=hqueue@users.noreply.github.com]
- [jashook (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=jashoo@microsoft.com]
- [joemmott (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=joemmott@microsoft.com]
- [kchoi (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=code.kchoi@gmail.com]
- [kingcess95 (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=kingcess95@users.noreply.github.com]
- [kvoczko (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=a.kvochko@samsung.com]
- [mkborg (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=mkborg@users.noreply.github.com]
- [noahfalk](1)[https://github.com/dotnet/coreclr/commits/release/1.1.0?author=noahfalk@users.noreply.github.com]
- [sepidehMS (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=sekho@microsoft.com]
- [tijoytom (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=tijoytom@users.noreply.github.com]
- [Adam Sitnik (1)][https://github.com/dotnet/coreclr/commits/release/1.1.0?author=adam.sitnik@gmail.com]

## CoreFX

- [Stephen Toub (179)][https://github.com/dotnet/corefx/commits/release/1.1.0?author=stoub@microsoft.com]
- [Eric St. John (88)][https://github.com/dotnet/corefx/commits/release/1.1.0?author=ericstj@microsoft.com]
- [Shin Mao (62)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shmao@microsoft.com)
- [Hugh Bellamy (57)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ughbellars@gmail.com)
- [Jeremy Barton (38)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jbarton@microsoft.com)
- [Lakshmi Priya Sekar (33)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=lasekar@microsoft.com)
- [Eric Mellino (33)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=erne@microsoft.com)
- [Ian Hays (29)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ianha@microsoft.com)
- [Tom Matouek (27)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tmat@users.noreply.github.com)
- [James Ko (27)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=JamesKo@gmail.com)
- [Justin Van Patten (23)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jvp@justinvp.com)
- [Matt Ellis (22)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=matell@microsoft.com)
- [David Shulman (18)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=david.shulman@microsoft.com)
- [Jon Hanna (17)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jon@hackcraft.net)
- [Karthik Rajasekaran (15)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=karajas@microsoft.com)
- [Bart De Smet (14)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=bartde@microsoft.com)
- [Wes Haggard (14)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Wes.Haggard@microsoft.com)
- [Mariana Rios Flores (13)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=maria@microsoft.com)
- [Eric Eilebrecht (12)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@users.noreply.github.com)
- [Davis Goodin (12)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dagood@microsoft.com)
- [Petr Onderka (11)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gslick@gmail.com)
- [Joel Hendrix (11)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jhendrix@microsoft.com)
- [Julien Couvreur (11)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Julien.Couvreur@gmail.com)
- [Gaurav Khanna (10)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=gkhanna@microsoft.com)
- [Cristian Pop (10)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Cristian.Pop@microsoft.com)
- [Deepak Shankargouda (9)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=deshank@microsoft.com)
- [Nick Guerrera (9)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=nichol@microsoft.com)
- [Tomas Matousek (9)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tomas.matousek@microsoft.com)
- [Cory Rivera (8)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=corivera@microsoft.com)
- [Christopher Costa (8)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=chcosta@microsoft.com)
- [Jose Perez Rodriguez (8)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=joperezr@microsoft.com)
- [Saurabh Singh (7)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saurabh500@gmail.com)
- [Chcosta (7)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=chcosta@microsoft.com)
- [Hyoeongseok Oh (6)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=hseok82.oh@samsung.com)
- [Prajwal A N (5)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=an.prajwal@samsung.com)
- [Matt Galbraith (5)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=MattGalbraith@microsoft.com)
- [Eric Eilebrecht (5)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=ericeil@hotmail.com)
- [Tijoy Tom Kalathiparambil (5)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tijoytk@microsoft.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 359
- [Rich Lander (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=rlander@microsoft.com)
- [Russ Keldorph (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=Russ.Keldorph@microsoft.com)
- [Saehie Park (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=saehie.park@samsung.com)
- [Shahriar Gholami (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=shrgholami@gmail.com)
- [Stephen Bonikowsky (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=stebon@microsoft.com)
- [Steve Harter (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=steveharter@users.noreply.github.com)
- [Tanner Gooding (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tagoo@microsoft.com)
- [Tarekm Mahmoud Sayed (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=tarekms@microsoft.com)
- [VSadov (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=vsadov@microsoft.com)
- [Wes Haggard (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=weshaggard@users.noreply.github.com)
- [Yi Zhang (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yzh@microsoft.com)
- [Yongseop Kim (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yonseop.kim@samsung.com)
- [alkurian (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alkurian@microsoft.com)
- [alphonsekurian (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=alphonsekurian@icloud.com)
- [dotnet bot (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=dotnet-bot@microsoft.com)
- [huanwu@microsoft.com (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=huanwu@microsoft.com)
- [jarenduan (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=jarenduan@gmail.com)
- [mkborg (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mkborg@users.noreply.github.com)
- [mlacouture (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=mlacouture@msn.com)
- [sichbo (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=simon@sichbo.ca)
- [sjsujinkim (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sjsujin.kim@samsung.com)
- [steveharter (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sharter@microsoft.com)
- [sxmichael (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=sxmichael@senexx.com)
- [yfakariya (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=yfakariya@gmail.com)
- [Aditya Mandaleeka (1)](https://github.com/dotnet/corefx/commits/release/1.1.0/?author=adityam@microsoft.com)

## WCF

- [Stephen Bonikowsky (59)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=stebon@microsoft.com)
- [Ron Cain (48)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=roncain@microsoft.com)
- [Jason Pang (42)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasongp@users.noreply.github.com)
- [Matt Connew (23)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnie@users.noreply.github.com)
- [hongdai (16)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=hongdai@microsoft.com)
- [Eric St. John (14)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=ericstj@microsoft.com)
- [Zhenlan Wang (5)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=zhenlwa@microsoft.com)
- [Jason Pang (4)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jasonpang@users.noreply.github.com)
- [Eric Mellino (2)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=ermim@microsoft.com)
- [Matt (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=mconnie@users.noreply.github.com)
- [Joel Hendrix (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=jhendrix@microsoft.com)
- [Barry Dorrans (1)](https://github.com/dotnet/wcf/commits/release/1.1.0/?author=Barry.Dorrans@microsoft.com)
# Contributions to .NET Core 2.1

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.1.

```bash
git shortlog -sne --no-merges --since 2017-11-16 --until 2018-05-15
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (78)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com)
* [jbeisner (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
* [Peter Huene (57)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=pehuene@microsoft.com)
* [Nate McMaster (46)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nate.mcmaster@microsoft.com)
* [Livar (44)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com)
* [John Beisner (42)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jbeisner@microsoft.com)
* [Nick Guerrera (36)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=nicholg@microsoft.com)
* [William Lee (33)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
* [William Li (22)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=wul@microsoft.com)
* [Andy Gerlicher (18)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=angerlic@microsoft.com)
* [John Beisner (18)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johnbeisner@users.noreply.github.com)
* [Livar Cunha (14)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=licavalc@microsoft.com)
* [Mike Lorbetske (14)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mlorbe@microsoft.com)
* [Matt Mitchell (10)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=mmitche@microsoft.com)
* [John Luo (9)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=jt.luo@mail.utoronto.ca)
* [Zbynk Sailer (9)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=v-zbsail@microsoft.com)
* [Pranav K (9)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=prkrishn@hotmail.com)
* [Rainer Sigwald (8)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=raines@microsoft.com)
* [Parallels (7)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=livar@live.com)
* [Danmosensf (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=dannose@microsoft.com)
* [John Luo (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=johluo@microsoft.com)
* [Daniel Plaisted (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=daplaiat@microsoft.com)
* [Kevin Ransom (6)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=codecutter@fsharp@hotmail.com)
* [Eric Erhardt (5)](https://github.com/dotnet/cli/commits/release/2.1.3xx?author=eric.erhardt@microsoft.com)
## CoreCLR

* [Tanner Gooding (151)](https://github.com/dotnet/coreclr/commits/release/2.1?author=tagoo@outlook.com)
* [Jan Kotas (124)](https://github.com/dotnet/coreclr/commits/release/2.1?author=jkotas@microsoft.com)
# .NET Core 1.0.0 Contributor List

A big *Thank You* to all who contributed!

Duplicate names are the result of folks making commits under multiple email addresses.

- [CoreCLR](#coreclr)
- [CoreFX](#corefx)
- [Core Tools](#coretools)
- [Core Docs](#coredocs)
- [WCF](#wcf)
## CoreCLR

* [Jan Kotas (300)](https://github.com/dotnet/coreclr/commits/master?author=jkotas@microsoft.com)
* [Jan Vorlicek (179)](https://github.com/dotnet/coreclr/commits/master?author=janvorl@microsoft.com)
* [Aditya Mandaleeka (152)](https://github.com/dotnet/coreclr/commits/master?author=adityam@microsoft.com)
* [Mike McLaughlin (143)](https://github.com/dotnet/coreclr/commits/master?author=mikem@microsoft.com)
* [Andy Ayers (119)](https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com)
* [Pat Gavlin (117)](https://github.com/dotnet/coreclr/commits/master?author=pagavlin@microsoft.com)
* [Kyungwoo Lee (111)](https://github.com/dotnet/coreclr/commits/master?author=kyulee@microsoft.com)
* [Matt Ellis (104)](https://github.com/dotnet/coreclr/commits/master?author=matell@microsoft.com)
* [Stephen Toub (104)](https://github.com/dotnet/coreclr/commits/master?author=stoub@microsoft.com)
* [Matt Mitchell (97)](https://github.com/dotnet/coreclr/commits/master?author=mmitche@microsoft.com)
* [Kamil Rytarowski (75)](https://github.com/dotnet/coreclr/commits/master?author=n54@gmx.com)
* [Bruce Forstall (74)](https://github.com/dotnet/coreclr/commits/master?author=brucefo@microsoft.com)
* [Brian Sullivan (66)](https://github.com/dotnet/coreclr/commits/master?author=briansul@microsoft.com)
* [Geoff Norton (62)](https://github.com/dotnet/coreclr/commits/master?author=grompf@gmail.com)
* [Gaurav Khanna (56)](https://github.com/dotnet/coreclr/commits/master?author=gkhanna@microsoft.com)
* [Richard Lander (56)](https://github.com/dotnet/coreclr/commits/master?author=rlander@microsoft.com)
* [John Chen (54)](https://github.com/dotnet/coreclr/commits/master?author=jochen@microsoft.com)
* [Rama Krishnan Raghupathy (52)](https://github.com/dotnet/coreclr/commits/master?author=ramarag@microsoft.com)
* [Rahul Kumar (49)](https://github.com/dotnet/coreclr/commits/master?author=rahku@microsoft.com)
* [Lubomir Litchev (46)](https://github.com/dotnet/coreclr/commits/master?author=lubol@microsoft.com)
* [Koundinya Veluri (43)](https://github.com/dotnet/coreclr/commits/master?author=kouvel@microsoft.com)
* [Russ Keldorph (43)](https://github.com/dotnet/coreclr/commits/master?author=Russ.Keldorph@microsoft.com)
* [William Godbe (42)](https://github.com/dotnet/coreclr/commits/master?author=william.godbe@comcast.net)
* [Alex Ghiondea (39)](https://github.com/dotnet/coreclr/commits/master?author=ghiondea.alexandru@microsoft.com)
* [wtgodbe (38)](https://github.com/dotnet/coreclr/commits/master?author=wigodbe@microsoft.com)
* [Mike Danes (36)](https://github.com/dotnet/coreclr/commits/master?author=onemihaid@hotmail.com)
* [Sejong Oh (36)](https://github.com/dotnet/coreclr/commits/master?author=sejooh@microsoft.com)
* [Carol Eidt (34)](https://github.com/dotnet/coreclr/commits/master?author=carol.eidt@microsoft.com)
* [Ben Pye (33)](https://github.com/dotnet/coreclr/commits/master?author=ben@curlybracket.co.uk)
* [Eugene Zemtsov (33)](https://github.com/dotnet/coreclr/commits/master?author=Eugene.Zemtsov@microsoft.com)
* [Sean Gillespie (32)](https://github.com/dotnet/coreclr/commits/master?author=segilles@microsoft.com)
* [Brian Robbins (27)](https://github.com/dotnet/coreclr/commits/master?author=brianrob@microsoft.com)
* [James Ko (27)](https://github.com/dotnet/coreclr/commits/master?author=jamesqko@gmail.com)
* [Lakshmi Priya Sekar (27)](https://github.com/dotnet/coreclr/commits/master?author=laskar@microsoft.com)
* [sivarv (27)](https://github.com/dotnet/coreclr/commits/master?author=sivarv@microsoft.com)
* [Davis Goodin (26)](https://github.com/dotnet/coreclr/commits/master?author=dagood@microsoft.com)
* [jashook (26)](https://github.com/dotnet/coreclr/commits/master?author=jashoo@microsoft.com)
* [Jostein Kjnings (26)](https://github.com/dotnet/coreclr/commits/master?author=jostein@kjonigsen.net)
* [Bengu Li (22)](https://github.com/dotnet/coreclr/commits/master?author=bell@microsoft.com)
* [Eugene Rozenfeld (22)](https://github.com/dotnet/coreclr/commits/master?author=erozen@microsoft.com)
* [Geunsi Lim (22)](https://github.com/dotnet/coreclr/commits/master?author=geunsi.lim@samsung.com)
* [Sergiy Kuryata (22)](https://github.com/dotnet/coreclr/commits/master?author=sergeyk@microsoft.com)
* [MyungJoo Ham (21)](https://github.com/dotnet/coreclr/commits/master?author=myungjoo.ham@samsung.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 373
* [Jonghyun Park (20)](https://github.com/dotnet/coreclr/commits/master?author=parjong@gmail.com)
* [Manu (20)](https://github.com/dotnet/coreclr/commits/master?author=manu-silicon@users.noreply.github.com)
* [Fadi Hanna (18)](https://github.com/dotnet/coreclr/commits/master?author=fadim@microsoft.com)
* [Tijoy Tom Kalathiparambil (18)](https://github.com/dotnet/coreclr/commits/master?author=tijoytk@microsoft.com)
* [Yi Zhang (CLR) (18)](https://github.com/dotnet/coreclr/commits/master?author=yzha@microsoft.com)
* [Alexander Kplinger (17)](https://github.com/dotnet/coreclr/commits/master?author=alex.koeplinger@outlook.com)
* [Justin Van Patten (17)](https://github.com/dotnet/coreclr/commits/master?author=jvp@justinvp.com)
* [Maoni0 (17)](https://github.com/dotnet/coreclr/commits/master?author=maonis@microsoft.com)
* [Steve Harter (17)](https://github.com/dotnet/coreclr/commits/master?author=sharter@microsoft.com)
* [Eric Erhardt (16)](https://github.com/dotnet/coreclr/commits/master?author=eric.erhardt@microsoft.com)
* [Peter Jas (15)](https://github.com/dotnet/coreclr/commits/master?author=necmnon@yahoo.com)
* [Chris McKinsey (14)](https://github.com/dotnet/coreclr/commits/master?author=chrismck@microsoft.com)
* [Jose Perez Rodriguez (14)](https://github.com/dotnet/coreclr/commits/master?author=joperezr@microsoft.com)
* [Richard L Ford (14)](https://github.com/dotnet/coreclr/commits/master?author=richford@microsoft.com)
* [Dmitry-Me (13)](https://github.com/dotnet/coreclr/commits/master?author=wipedout@yandex.ru)
* [Eric Erhardt (13)](https://github.com/dotnet/coreclr/commits/master?author=erhardt@microsoft.com)
* [David Mason (12)](https://github.com/dotnet/coreclr/commits/master?author=davmason@microsoft.com)
* [Hongtao Yu (12)](https://github.com/dotnet/coreclr/commits/master?author=Hongtao.Yu@microsoft.com)
* [Prajwal A N (12)](https://github.com/dotnet/coreclr/commits/master?author=an.prajwal@samsung.com)
* [Bruce Bowyer-Smyth (11)](https://github.com/dotnet/coreclr/commits/master?author=bbowyersmyth@live.com.au)
* [Eugene Zemtsov (10)](https://github.com/dotnet/coreclr/commits/master?author=e.zemtsov@gmail.com)
* [Gaurav Khanna (CLR) (10)](https://github.com/dotnet/coreclr/commits/master?author=gaurav.khanna@microsoft.com)
* [Pallavi Taneja (10)](https://github.com/dotnet/coreclr/commits/master?author=pallavit@microsoft.com)
* [Sung-Jae Lee (10)](https://github.com/dotnet/coreclr/commits/master?author=sjlee@mail.com)
* [Tarek Mahmoud Sayed (10)](https://github.com/dotnet/coreclr/commits/master?author=tarekms@microsoft.com)
* [Kasper F. Brandt (9)](https://github.com/dotnet/coreclr/commits/master?author=poizan@poizan.dk)
* [Michelle McDaniel (9)](https://github.com/dotnet/coreclr/commits/master?author=adinaida@gmail.com)
* [Geunsik Lim (8)](https://github.com/dotnet/coreclr/commits/master?author=leems@users.noreply.github.com)
* [Hongtao Yu (8)](https://github.com/dotnet/coreclr/commits/master?author=hoy@microsoft.com)
* [Jeremy Kuhne (8)](https://github.com/dotnet/coreclr/commits/master?author=jkkuhne@microsoft.com)
* [John Bottenberg (8)](https://github.com/dotnet/coreclr/commits/master?author=jobotten@microsoft.com)
* [Lubomir Litchev (8)](https://github.com/dotnet/coreclr/commits/master?author=litchev@live.com)
* [Sridhar Periyasamy (8)](https://github.com/dotnet/coreclr/commits/master?author=sridhper@microsoft.com)
* [Swaroop Sridhar (8)](https://github.com/dotnet/coreclr/commits/master?author=swaroops@microsoft.com)
* [Vance Morrison (8)](https://github.com/dotnet/coreclr/commits/master?author=vancem@microsoft.com)
* [Wes Haggard (8)](https://github.com/dotnet/coreclr/commits/master?author=Wes.Haggard@microsoft.com)
* [Deepak Shankargouda (7)](https://github.com/dotnet/coreclr/commits/master?author=deshank@microsoft.com)
* [Dick van den Brink (7)](https://github.com/dotnet/coreclr/commits/master?author=d_vandenbrink@outlook.com)
* [Geoff Norton (7)](https://github.com/dotnet/coreclr/commits/master?author=geoffnorton@outlook.com)
* [Hugh Bellamy (7)](https://github.com/dotnet/coreclr/commits/master?author=hughbellamy@gmail.com)
* [Jan Henke (7)](https://github.com/dotnet/coreclr/commits/master?author=Jan.Henke@tauhe.de)
* [Joel Hendrix (7)](https://github.com/dotnet/coreclr/commits/master?author=jhendrix@microsoft.com)
* [Matt Mitchell (7)](https://github.com/dotnet/coreclr/commits/master?author=matchell@outlook.com)
* [Mert (7)](https://github.com/dotnet/coreclr/commits/master?author=mert@meltabi.com)
* [Gregg Miskelly (3)](https://github.com/dotnet/coreclr/commits/master?author=greggm@microsoft.com)
* [Hadi Brais (3)](https://github.com/dotnet/coreclr/commits/master?author=hadi.b@live.com)
* [Ivan Baravy (3)](https://github.com/dotnet/coreclr/commits/master?author=i.baravy@samsung.com)
* [Jarret Shook (3)](https://github.com/dotnet/coreclr/commits/master?author=jarret_shook@outlook.com)
* [Jiyoung Giuliana Yun (3)](https://github.com/dotnet/coreclr/commits/master?author=twish@gmail.com)
* [Jon Hanna (3)](https://github.com/dotnet/coreclr/commits/master?author=jon@hackcraft.net)
* [Kevin Jones (3)](https://github.com/dotnet/coreclr/commits/master?author=kevin@vcsjones.com)
* [Lee Coward (3)](https://github.com/dotnet/coreclr/commits/master?author=leecow@microsoft.com)
* [Lubomir Litchev (3)](https://github.com/dotnet/coreclr/commits/master?author=LLITCHEV@users.noreply.github.com)
* [Matthew Parkinson (3)](https://github.com/dotnet/coreclr/commits/master?author=mattpark@microsoft.com)
* [Michal Strehovsk (3)](https://github.com/dotnet/coreclr/commits/master?author=micchals@microsoft.com)
* [Michelle McDaniel (3)](https://github.com/dotnet/coreclr/commits/master?author=michelm@microsoft.com)
* [Mukul Sabharwal (3)](https://github.com/dotnet/coreclr/commits/master?author=mjsabby@gmail.com)
* [SaeHie Park (3)](https://github.com/dotnet/coreclr/commits/master?author=saehie.park@gmail.com)
* [Sergey Andreenko (3)](https://github.com/dotnet/coreclr/commits/master?author=AC-93@MAIL.RU)
* [Tanner Gooding (3)](https://github.com/dotnet/coreclr/commits/master?author=tanner_going@users.noreply.github.com)
* [tijoytom (3)](https://github.com/dotnet/coreclr/commits/master?author=tijoytom@gmail.com)
* [Zhicheng Zhu (3)](https://github.com/dotnet/coreclr/commits/master?author=zhizhu@microsoft.com)
* [Aaron Havens (2)](https://github.com/dotnet/coreclr/commits/master?author=anncmac@users.noreply.github.com)
* [Alex Ghiondea (2)](https://github.com/dotnet/coreclr/commits/master?author=alex.ghiondea@gmail.com)
* [Alexandr Nikitin (2)](https://github.com/dotnet/coreclr/commits/master?author=nikitin.alexandr.a@gmail.com)
* [AlexGhiondea (2)](https://github.com/dotnet/coreclr/commits/master?author=AlexGhiondea@users.noreply.github.com)
* [Andrew Schwartzmeyer (2)](https://github.com/dotnet/coreclr/commits/master?author=andschwa@microsoft.com)
* [Austin Wise (2)](https://github.com/dotnet/coreclr/commits/master?author=AustinWise@gmail.com)
* [Ben Monroe (2)](https://github.com/dotnet/coreclr/commits/master?author=bendo@gmail.com)
* [Chase Miller (2)](https://github.com/dotnet/coreclr/commits/master?author=chase@bawxen.net)
* [Eric Eilebrecht (2)](https://github.com/dotnet/coreclr/commits/master?author=ericeil@microsoft.com)
* [George Sapkin (2)](https://github.com/dotnet/coreclr/commits/master?author=george.sapkin@gmail.com)
* [gitchomik (2)](https://github.com/dotnet/coreclr/commits/master?author=gitchomik@users.noreply.github.com)
* [Jeff Foster (2)](https://github.com/dotnet/coreclr/commits/master?author=jeff.foster@acm.org)
* [Joseph Tremoulet (2)](https://github.com/dotnet/coreclr/commits/master?author=jotrem@users.noreply.github.com)
* [Knagis (2)](https://github.com/dotnet/coreclr/commits/master?author=Knagis@users.noreply.github.com)
* [Lucas Meijer (2)](https://github.com/dotnet/coreclr/commits/master?author=lucas@unity3d.com)
* [Marqin (2)](https://github.com/dotnet/coreclr/commits/master?author=marqin.pl+git@gmail.com)
* [Matt Warren (2)](https://github.com/dotnet/coreclr/commits/master?author=matt.warren@live.co.uk)
* [Mikhail Pilin (2)](https://github.com/dotnet/coreclr/commits/master?author=mikhail@pilin.name)
* [Mort Yao (2)](https://github.com/dotnet/coreclr/commits/master?author=mort.yao@gmail.com)
* [noahfalk (2)](https://github.com/dotnet/coreclr/commits/master?author=noahfalk@users.noreply.github.com)
* [papapslavik (2)](https://github.com/dotnet/coreclr/commits/master?author=v.nikolay@samsung.com)
* [Prem Ramanathan (2)](https://github.com/dotnet/coreclr/commits/master?author=premram@users.noreply.github.com)
* [Ravi Eda (2)](https://github.com/dotnet/coreclr/commits/master?author=raeda@microsoft.com)
* [Sean Gillespie (2)](https://github.com/dotnet/coreclr/commits/master?author=sean.william.g@gmail.com)
* [Sejong Oh (2)](https://github.com/dotnet/coreclr/commits/master?author=sejong.oh.25911@outlook.com)
* [sergey-raevskiy (2)](https://github.com/dotnet/coreclr/commits/master?author=ccik@inbox.ru)
* [shahid-pk (2)](https://github.com/dotnet/coreclr/commits/master?author=shahid.mrd@hotmail.com)
* [shion (2)](https://github.com/dotnet/coreclr/commits/master?author=tishion@users.noreply.github.com)
* [Stephen A. Inhoff (2)](https://github.com/dotnet/coreclr/commits/master?author=clockworkmuse@outlook.com)
* [Vance Morrison (2)](https://github.com/dotnet/coreclr/commits/master?author=vancemorrison@comcast.net)
* [Aaron Bieber (1)](https://github.com/dotnet/coreclr/commits/master?author=aron@bolddaemon.com)
* [Aditya Mahajan (1)](https://github.com/dotnet/coreclr/commits/master?author=adityam@umich.edu)
* [Alexander Spheshilov (1)](https://github.com/dotnet/coreclr/commits/master?author=spheshuric@gmail.com)
* [Alexander Vostres (1)](https://github.com/dotnet/coreclr/commits/master?author=alexx999@gmail.com)
* [Alfredo Menendez Sancho (1)](https://github.com/dotnet/coreclr/commits/master?author=alfremen@microsoft.com)
* [Anders Wenhaug (1)](https://github.com/dotnet/coreclr/commits/master?author=anders@wenhaug.no)
* [Andreas Strid (1)](https://github.com/dotnet/coreclr/commits/master?author=andreasstrid@bredband.net)
* [Andrew Au (1)](https://github.com/dotnet/coreclr/commits/master?author=andrewau@microsoft.com)
* [Andrew Karpov (1)](https://github.com/dotnet/coreclr/commits/master?author=andrewcarkov@gmail.com)
* [Andrew Stanton-Nurse (1)](https://github.com/dotnet/coreclr/commits/master?author=andrew@andrewnurse.net)
* [Andy Ayers (1)](https://github.com/dotnet/coreclr/commits/master?author=andya@microsoft.com)
* [Arkady Shapkin (1)](https://github.com/dotnet/coreclr/commits/master?author=arkady_s@inbox.ru)
* [Aurojit Panda (1)](https://github.com/dotnet/coreclr/commits/master?author=aapanda@cs.berkeley.edu)
* [Ben Gribaudo (1)](https://github.com/dotnet/coreclr/commits/master?author=bengribaudo@gmail.com)
* [Ben Monroe (1)](https://github.com/dotnet/coreclr/commits/master?author=bendono@users.noreply.github.com)
* [Benjamin Hodgson (1)](https://github.com/dotnet/coreclr/commits/master?author=benjamin.hodgson@huddle.com)
* [Brad Robinson (1)](https://github.com/dotnet/coreclr/commits/master?author=brrobinson@toptensoftware.com)
* [Brad Robinson (1)](https://github.com/dotnet/coreclr/commits/master?author=contact@toptensoftware.com)
* [Brandon Bloom (1)](https://github.com/dotnet/coreclr/commits/master?author=brandon@evidence.com)
* [Cagri Aslan (1)](https://github.com/dotnet/coreclr/commits/master?author=cagriaslan@Andrews-Mac-mini.local)
* [Carol Eidt (1)](https://github.com/dotnet/coreclr/commits/master?author=caroleidt@outlook.com)
* [Cheryl Simmons (1)](https://github.com/dotnet/coreclr/commits/master?author=cherylws@live.com)
* [Christian Jacobsen (1)](https://github.com/dotnet/coreclr/commits/master?author=chribben@gmail.com)
* [Christopher Currens (1)](https://github.com/dotnet/coreclr/commits/master?author=ccurrens@microsoft.com)
* [christos-P (1)](https://github.com/dotnet/coreclr/commits/master?author=cpaisios@gmail.com)
* [Chuck Ries (1)](https://github.com/dotnet/coreclr/commits/master?author=chucker@microsoft.com)
* [Daniel Harvey (1)](https://github.com/dotnet/coreclr/commits/master?author=dharvey@microsoft.com)
* [Daniel Qiu (1)](https://github.com/dotnet/coreclr/commits/master?author=qsz1328@gmail.com)
* [David Kean (1)](https://github.com/dotnet/coreclr/commits/master?author=davkean@microsoft.com)
* [David Wrighton (1)](https://github.com/dotnet/coreclr/commits/master?author=davidwr@microsoft.com)
* [Davis Goodin (1)](https://github.com/dotnet/coreclr/commits/master?author=dagood@users.noreply.github.com)
* [DionYe (1)](https://github.com/dotnet/coreclr/commits/master?author=junye@microsoft.com)
* [idobe (1)](https://github.com/dotnet/coreclr/commits/master?author=bernddorn@gmail.com)
* [Drew DeVault (1)](https://github.com/dotnet/coreclr/commits/master?author=sir@cmpwn.com)
* [Drew Scoggins (1)](https://github.com/dotnet/coreclr/commits/master?author=anscoggi@microsoft.com)
* [Eddie Hedges (1)](https://github.com/dotnet/coreclr/commits/master?author=eddiehedges@gmail.com)
* [Evgeny Mandrikov (1)](https://github.com/dotnet/coreclr/commits/master?author=mandrikov@gmail.com)
* [Felipe Pessoto (1)](https://github.com/dotnet/coreclr/commits/master?author=felipepessoto@hotmail.com)
* [Gary Coulbourne (1)](https://github.com/dotnet/coreclr/commits/master?author=gbear@bears.org)
* [geoffkizer (1)](https://github.com/dotnet/coreclr/commits/master?author=geoffrek)
* [Geoffrey Huntley (1)](https://github.com/dotnet/coreclr/commits/master?author=ghuntley@ghuntley.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 379

* [Nicolas Deslandes (1)](https://github.com/dotnet/coreclr/commits/master?author=ndeslandes@live.fr)
* [Noah Falk (1)](https://github.com/dotnet/coreclr/commits/master?author=noahfalk@microsoft.com)
* [Pascal Borrelli (1)](https://github.com/dotnet/coreclr/commits/master?author=pascal@borrelli.com)
* [Pat Gavlin (1)](https://github.com/dotnet/coreclr/commits/master?author=pgavlin@gmail.com)
* [Patrick Lambert (1)](https://github.com/dotnet/coreclr/commits/master?author=dendory@live.ca)
* [Paulnice (1)](https://github.com/dotnet/coreclr/commits/master?author=ru.pchel@gmail.com)
* [Pavel Pochobut (1)](https://github.com/dotnet/coreclr/commits/master?author=pavel.pochobut@gmail.com)
* [Peter Foley (1)](https://github.com/dotnet/coreclr/commits/master?author=pefoley2@pefoley.com)
* [Peter Marcu (1)](https://github.com/dotnet/coreclr/commits/master?author=Peter.Marcu@Microsoft.com)
* [Prajwal A N (1)](https://github.com/dotnet/coreclr/commits/master?author=prajwal.an92@gmail.com)
* [Rajkumar Janakiraman (1)](https://github.com/dotnet/coreclr/commits/master?author=janakiraman.rajkumar@gmail.com)
* [Rahdley (1)](https://github.com/dotnet/coreclr/commits/master?author=rahdley@microsoft.com)
* [Roman Pavlov (1)](https://github.com/dotnet/coreclr/commits/master?author=romanp@users.noreply.github.com)
* [Ron Cain (1)](https://github.com/dotnet/coreclr/commits/master?author=roncain@microsoft.com)
* [Rony Batista (1)](https://github.com/dotnet/coreclr/commits/master?author=rony.batista29@gmail.com)
* [Rumesh Eranga (1)](https://github.com/dotnet/coreclr/commits/master?author=rehrumesh@users.noreply.github.com)
* [Sasha Semennikov (1)](https://github.com/dotnet/coreclr/commits/master?author=alsemenn@microsoft.com)
* [sbomer (1)](https://github.com/dotnet/coreclr/commits/master?author=sbomer@gmail.com)
* [Scott Harwell (1)](https://github.com/dotnet/coreclr/commits/master?author=scott@harwell.me)
* [Sejong OH (1)](https://github.com/dotnet/coreclr/commits/master?author=sejooh@sejoohubuntu0.guest.corp.microsoft.com)
* [Sergei Vorobev (1)](https://github.com/dotnet/coreclr/commits/master?author=xvorsx@gmail.com)
* [Spencer Stephens (1)](https://github.com/dotnet/coreclr/commits/master?author=spencer.leo.stephens@gmail.com)
* [Stephen Cleary (1)](https://github.com/dotnet/coreclr/commits/master?author=github.ourteddybear@xoxy.net)
* [Thomas Klausner (1)](https://github.com/dotnet/coreclr/commits/master?author=tk@giga.or.at)
* [tijoytom (1)](https://github.com/dotnet/coreclr/commits/master?author=tijoytom.com)
* [Tom Van Looy (1)](https://github.com/dotnet/coreclr/commits/master?author=tom@ctors.net)
* [Val Menn (1)](https://github.com/dotnet/coreclr/commits/master?author=vmenn@microsoft.com)
* [Valery (1)](https://github.com/dotnet/coreclr/commits/master?author=m08pvv@ya.ru)
* [Viacheslav Ivanov (1)](https://github.com/dotnet/coreclr/commits/master?author=viacheslav.ivanov@gmail.com)
* [vkairys (1)](https://github.com/dotnet/coreclr/commits/master?author=vkairys.vilius@gmail.com)
* [Wes Haggard (1)](https://github.com/dotnet/coreclr/commits/master?author=weshaggard@users.noreply.github.com)
* [Xiayang (Mark) Guo (1)](https://github.com/dotnet/coreclr/commits/master?author=xiangyang.guo@intel.com)
* [zhangkaizhao (1)](https://github.com/dotnet/coreclr/commits/master?author=zhangkaizhao@gmail.com)

## CoreFX

* [stephentoub (1298)](https://github.com/dotnet/corefx/commits/master?author=stoub@microsoft.com)
* [Eric St. John (308)](https://github.com/dotnet/corefx/commits/master?author=ericstj@microsoft.com)
* [Hugh Bellamy (291)](https://github.com/dotnet/corefx/commits/master?author=hughbellars@gmail.com)
* [bartonjs (279)](https://github.com/dotnet/corefx/commits/master?author=jbarton@microsoft.com)
* [Jon Hanna (242)](https://github.com/dotnet/corefx/commits/master?author=jon@hackcraft.net)
* [Eric Mellino (188)](https://github.com/dotnet/corefx/commits/master?author=erme@microsoft.com)
* [Justin Van Patten (186)](https://github.com/dotnet/corefx/commits/master?author=jvp@justinvp.com)
* [Matt Ellis (178)](https://github.com/dotnet/corefx/commits/master?author=matell@microsoft.com)
* [Nick Guerrera (166)](https://github.com/dotnet/corefx/commits/master?author=nicholg@microsoft.com)
* [Ian Hays (156)](https://github.com/dotnet/corefx/commits/master?author=ianha@microsoft.com)
* [Lakshmi Priya Sekar (150)](https://github.com/dotnet/corefx/commits/master?author=lasekar@microsoft.com)
* [Wes Haggard (146)](https://github.com/dotnet/corefx/commits/master?author=Wes.Haggard@microsoft.com)
* [David Shulman (127)](https://github.com/dotnet/corefx/commits/master?author=david.shulman@microsoft.com)
* [Eric Erhardt (114)](https://github.com/dotnet/corefx/commits/master?author=eric.erhardt@microsoft.com)
* [Eric Eilebrecht (104)](https://github.com/dotnet/corefx/commits/master?author=eric.eilebrecht@hotmail.com)
* [Matt Mitchell (94)](https://github.com/dotnet/corefx/commits/master?author=mmitche@microsoft.com)
* [Maxwe11 (91)](https://github.com/dotnet/corefx/commits/master?author=turin.dmytro@gmail.com)
* [Matt Cohn (90)](https://github.com/dotnet/corefx/commits/master?author=macohn@microsoft.com)
* [Pallavi Taneja (87)](https://github.com/dotnet/corefx/commits/master?author=pallavit@microsoft.com)
* [Christopher Costa (81)](https://github.com/dotnet/corefx/commits/master?author=chcosta@microsoft.com)
* [Alexander Kplinger (72)](https://github.com/dotnet/corefx/commits/master?author=alex.koeplinger@outlook.com)
* [Bart De Smet (71)](https://github.com/dotnet/corefx/commits/master?author=bartde@microsoft.com)
* [Tomas Matousek (69)](https://github.com/dotnet/corefx/commits/master?author=tomas.matousek@microsoft.com)
* [Pat Gavlin (65)](https://github.com/dotnet/corefx/commits/master?author=pgavlin@gmail.com)
* [Andrew Arnott (63)](https://github.com/dotnet/corefx/commits/master?author=andarno@microsoft.com)
* [Cory Rivera (61)](https://github.com/dotnet/corefx/commits/master?author=coryvera@microsoft.com)
* [Jonathan Miller (58)](https://github.com/dotnet/corefx/commits/master?author=jonmill@microsoft.com)
* [Charles Lowell (57)](https://github.com/dotnet/corefx/commits/master?author=charleslowe@microsoft.com)
* [Atsushi Kanamori (56)](https://github.com/dotnet/corefx/commits/master?author=atsushik@microsoft.com)
* [Saurabh Singh (51)](https://github.com/dotnet/corefx/commits/master?author=saurabh500@gmail.com)
* [Stephen A. Imhoff (50)](https://github.com/dotnet/corefx/commits/master?author=stephen.imhoff@microsoft.com)
* [Joel Hendrix (48)](https://github.com/dotnet/corefx/commits/master?author=jhendrix@microsoft.com)
* [Krzysztof Wicher (47)](https://github.com/dotnet/corefx/commits/master?author=kwicher@microsoft.com)
* [James Ko (45)](https://github.com/dotnet/corefx/commits/master?author=JamesKo@gmail.com)
* [Krzysztof Cwalina (43)](https://github.com/dotnet/corefx/commits/master?author=kcwalina@microsoft.com)
* [Khoa Dang (39)](https://github.com/dotnet/corefx/commits/master?author=khdang@microsoft.com)
* [Jose Perez Rodriguez (37)](https://github.com/dotnet/corefx/commits/master?author=joperezr@microsoft.com)
* [Tarek Mahmoud Sayed (37)](https://github.com/dotnet/corefx/commits/master?author=tarekmss@microsoft.com)
* [Peter Jas (35)](https://github.com/dotnet/corefx/commits/master?author=peterjas@microsoft.com)
* [Vance Morrison (35)](https://github.com/dotnet/corefx/commits/master?author=vancem@microsoft.com)
* [Cristian Pop (34)](https://github.com/dotnet/corefx/commits/master?author=Cristian.Pop@microsoft.com)
* [Taylor Southwick (34)](https://github.com/dotnet/corefx/commits/master?author=taylor.southwick@microsoft.com)
* [Shmueli Englard (33)](https://github.com/dotnet/corefx/commits/master?author=shmueli.yosef@englard.net)
* [Davis Goodin (31)](https://github.com/dotnet/corefx/commits/master?author=dagood@microsoft.com)
* [Deepak Shankargouda (31)](https://github.com/dotnet/corefx/commits/master?author=deepaksh@microsoft.com)
* [Jeremy Kuhne (30)](https://github.com/dotnet/corefx/commits/master?author=jervis.kuhne@microsoft.com)
* [vsadov (27)](https://github.com/dotnet/corefx/commits/master?author=vsadov@microsoft.com)
[Stephen Bonikowsky (4)](https://github.com/dotnet/corefx/commits/master?author=stebon@microsoft.com)

[Vijay Kota (4)](https://github.com/dotnet/corefx/commits/master?author=vijaykota@users.noreply.github.com)

[Ying Peng (4)](https://github.com/dotnet/corefx/commits/master?author=YingP@microsoft.com)

[Zlatko Knezevic (4)](https://github.com/dotnet/corefx/commits/master?author=zlakne@microsoft.com)

[Aleksey Tsingauz (3)](https://github.com/dotnet/corefx/commits/master?author=alekseyt@microsoft.com)

[Alex Perovich (3)](https://github.com/dotnet/corefx/commits/master?author=alperovi@microsoft.com)

[Alexander Vostres (3)](https://github.com/dotnet/corefx/commits/master?author=alexxx999@gmail.com)

[Alexandr Nikitin (3)](https://github.com/dotnet/corefx/commits/master?author=nikitin.alexandr.a@gmail.com)

[Amy Qiu (3)](https://github.com/dotnet/corefx/commits/master?author=umberos@gmail.com)

[Andrey Akinshin (3)](https://github.com/dotnet/corefx/commits/master?author=andrey.akinshin@gmail.com)

[Bar Arnon (3)](https://github.com/dotnet/corefx/commits/master?author=I3arnon@gmail.com)

[Brian Robbins (3)](https://github.com/dotnet/corefx/commits/master?author=brianrob@microsoft.com)

[Cory Nelson (3)](https://github.com/dotnet/corefx/commits/master?author=cnelson@ctlglobalsolutions.com)

[Dmitry Kakurin (3)](https://github.com/dotnet/corefx/commits/master?author=dmitryk@microsoft.com)

[Gaurav Khanna (CLR (3)](https://github.com/dotnet/corefx/commits/master?author=gaurav.khanna@microsoft.com)

[Geoffrey Huntley (3)](https://github.com/dotnet/corefx/commits/master?author=ghuntley@ghuntley.com)

[Hemanth Kapila (3)](https://github.com/dotnet/corefx/commits/master?author=skapila@microsoft.com)

[John Cunningham (3)](https://github.com/dotnet/corefx/commits/master?author=jac009@outlook.com)

[Josh Free (3)](https://github.com/dotnet/corefx/commits/master?author=jsfree@microsoft.com)

[Mike McLaughlin (3)](https://github.com/dotnet/corefx/commits/master?author=miken@microsoft.com)

[Nadia (3)](https://github.com/dotnet/corefx/commits/master?author=natkhach@microsoft.com)

[Ron Cain (3)](https://github.com/dotnet/corefx/commits/master?author=roncain@microsoft.com)

[Tomas Matousek (3)](https://github.com/dotnet/corefx/commits/master?author=tomat@microsoft.com)

[Ufuk Hacoullar (3)](https://github.com/dotnet/corefx/commits/master?author=ufukhaciogullari@gmail.com)

[William Godbe (3)](https://github.com/dotnet/corefx/commits/master?author=william.godbe@comcast.net)

[Alex Sorokoletov (2)](https://github.com/dotnet/corefx/commits/master?author=alex@dreamteam-mobile.com)

[Alexander Speshilov (2)](https://github.com/dotnet/corefx/commits/master?author=speshuric@gmail.com)

[Andrew Au (2)](https://github.com/dotnet/corefx/commits/master?author=andrewau@microsoft.com)

[Ankit Sinha (2)](https://github.com/dotnet/corefx/commits/master?author=ankitbko@gmail.com)

[Austin Wise (2)](https://github.com/dotnet/corefx/commits/master?author=AustinWise@gmail.com)

[Ben Adams (2)](https://github.com/dotnet/corefx/commits/master?author=thundercat@illyriad.co.uk)

[Ben Pye (2)](https://github.com/dotnet/corefx/commits/master?author=ben@curlybracket.co.uk)

[Cristian Pop (2)](https://github.com/dotnet/corefx/commits/master?author=CIPop@users.noreply.github.com)

[David Guyonvarch (2)](https://github.com/dotnet/corefx/commits/master?author=guyonvarch.david@gmail.com)

[Dmitri Botcharnikov (2)](https://github.com/dotnet/corefx/commits/master?author=dmitry.b@samsung.com)

[Eric Erhardt (2)](https://github.com/dotnet/corefx/commits/master?author=eerhardt@Erics-MacBook-Pro.local)

[Gregg Miskelly (2)](https://github.com/dotnet/corefx/commits/master?author=greggm@microsoft.com)

[jbe2277 (2)](https://github.com/dotnet/corefx/commits/master?author=jbe2277@users.noreply.github.com)

[Jeff Handley (2)](https://github.com/dotnet/corefx/commits/master?author=jeffhandley@users.noreply.github.com)

[Jiyoung Yun (2)](https://github.com/dotnet/corefx/commits/master?author=jy910.yun@samsung.com)

[Joe Tremblay (2)](https://github.com/dotnet/corefx/commits/master?author=jos.trem@gmail.com)

[kapilash (2)](https://github.com/dotnet/corefx/commits/master?author=kapilash@outlook.com)

[Kasey Uhlenhuth (2)](https://github.com/dotnet/corefx/commits/master?author=kaseyu@microsoft.com)

[Kristian Hellang (2)](https://github.com/dotnet/corefx/commits/master?author=kristian@hellang.com)

[lajones (2)](https://github.com/dotnet/corefx/commits/master?author=lajones@microsoft.com)

[Lee Coward (2)](https://github.com/dotnet/corefx/commits/master?author=leecow@microsoft.com)
* [Daniel Trebbien (1)](https://github.com/dotnet/corefx/commits/master?author=dtrebbien@gmail.com)
* [David Zucker (1)](https://github.com/dotnet/corefx/commits/master?author=davzucky@hotmail.com)
* [Dimitar Dimitrov (1)](https://github.com/dotnet/corefx/commits/master?author=dimitrov2k@gmail.com)
* [Dmitry Vakuleenko (1)](https://github.com/dotnet/corefx/commits/master?author=kremdima@mail.ru)
* [Dmitry Garavsky (1)](https://github.com/dotnet/corefx/commits/master?author=garavskydmitry@gmail.com)
* [Dominic Catherin (1)](https://github.com/dotnet/corefx/commits/master?author=dominic.catherin@gmail.com)
* [Edward Kim (1)](https://github.com/dotnet/corefx/commits/master?author=onward.edkim@gmail.com)
* [Eldar Dordzhiev (1)](https://github.com/dotnet/corefx/commits/master?author=eadordzhiev@users.noreply.github.com)
* [Eldar Dordzhiev (1)](https://github.com/dotnet/corefx/commits/master?author=eldardordzhiev@gmail.com)
* [Eli Arbel (1)](https://github.com/dotnet/corefx/commits/master?author=aelij@arbel.net)
* [Eric White (1)](https://github.com/dotnet/corefx/commits/master?author=v-ericwh@microsoft.com)
* [Erik Schierboom (1)](https://github.com/dotnet/corefx/commits/master?author=eric_schierboom@hotmail.com)
* [Erwin Janssen (1)](https://github.com/dotnet/corefx/commits/master?author=erwin.janssen@outlook.com)
* [Gabriel (1)](https://github.com/dotnet/corefx/commits/master?author=gabriel.adamsson@gmail.com)
* [Gareth Thomas (1)](https://github.com/dotnet/corefx/commits/master?author=gareth.thomas@cdsm.co.uk)
* [Gerald Scott Freeman (1)](https://github.com/dotnet/corefx/commits/master?author=gsfreema@gmail.com)
* [Gerjan (1)](https://github.com/dotnet/corefx/commits/master?author=gerjan.vlasov@gmail.com)
* [Gert Driesen (1)](https://github.com/dotnet/corefx/commits/master?author=gert.driesen@telenet.be)
* [Geunsik Lim (1)](https://github.com/dotnet/corefx/commits/master?author=geunsik@samsung.com)
* [Giorgi Dalakishvili (1)](https://github.com/dotnet/corefx/commits/master?author=gnanskis@gmail.com)
* [Gopal Adhikari (1)](https://github.com/dotnet/corefx/commits/master?author=gopala@email.arizona.edu)
* [Govert van Drimmel (1)](https://github.com/dotnet/corefx/commits/master?author=govert@icon.co.za)
* [Govind Sahai (1)](https://github.com/dotnet/corefx/commits/master?author=gs@gs.com)
* [Grzegorz Roniecki (1)](https://github.com/dotnet/corefx/commits/master?author=xaerxess@gmail.com)
* [Guclu Ozturk (1)](https://github.com/dotnet/corefx/commits/master?author=gucluozturk@gmail.com)
* [Ilya Biryukov (1)](https://github.com/dotnet/corefx/commits/master?author=ilbiryukov@gmail.com)
* [Immo Landwerth (1)](https://github.com/dotnet/corefx/commits/master?author=imo@landwerth.net)
* [Jacob Carpenter (1)](https://github.com/dotnet/corefx/commits/master?author=github@jacobcarpenter.com)
* [Jake Petroules (1)](https://github.com/dotnet/corefx/commits/master?author=jake.petroules@petroules.com)
* [Jarret Shook (1)](https://github.com/dotnet/corefx/commits/master?author=jarret_shook@outlook.com)
* [Jashook (1)](https://github.com/dotnet/corefx/commits/master?author=jashoo@microsoft.com)
* [Jason Pang (1)](https://github.com/dotnet/corefx/commits/master?author=jasonpang@outlook.com)
* [Jasonwoods-7 (1)](https://github.com/dotnet/corefx/commits/master?author=jwoods@appliedsystems.com)
* [Jb Evain (1)](https://github.com/dotnet/corefx/commits/master?author=jb@evain.net)
* [Jbuisson (1)](https://github.com/dotnet/corefx/commits/master?author=jbuisson@octo.com)
* [Jeff Foster (1)](https://github.com/dotnet/corefx/commits/master?author=jeff_foster@acm.org)
* [Jeremy Barton (1)](https://github.com/dotnet/corefx/commits/master?author=jb@jsb-local.com)
* [Joe Tremblay (1)](https://github.com/dotnet/corefx/commits/master?author=joe.tremblay@mac.local)
* [John Bentley (1)](https://github.com/dotnet/corefx/commits/master?author=johnbentley.ninja)
* [John Chen (CLR) (1)](https://github.com/dotnet/corefx/commits/master?author=jochen@microsof.com)
* [Jon Miller (1)](https://github.com/dotnet/corefx/commits/master?author=sokket@outlook.com)
* [Johnathon Rossi (1)](https://github.com/dotnet/corefx/commits/master?author=jonro@jonoro.com)
* [Jorgen Thelin (1)](https://github.com/dotnet/corefx/commits/master?author=jthelin@microsof.com)
* [Joseph Lennox (1)](https://github.com/dotnet/corefx/commits/master?author=jlennox@gmail.com)
* [Joseph Woodward (1)](https://github.com/dotnet/corefx/commits/master?author=josephwoodward@xeuse.com)
* [Kamran Ayub (1)](https://github.com/dotnet/corefx/commits/master?author=kamran.ayub@gmail.com)
* [Kevin David (1)](https://github.com/dotnet/corefx/commits/master?author=kevin.david@microsoft.com)
## Core Tools

* [Bryan Thornbury (304)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=brthor@microsoft.com)
* [Sridhar Periyasamy (210)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=sridhper@microsoft.com)
* [Eric Erhardt (196)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com)
* [David Fowler (164)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=davidfowl@gmail.com)
* [piotrP (149)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=piotrP@microsoft.com)
* [Andrew Stanton-Nurse (148)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@andrewnurse.net)
* [Pavel Krymets (107)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=pavel@krymets.com)
* [Senthil (106)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=schellapp@microsoft.com)
* [Livar Cunha (78)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=livar@live.com)
* [Zlatko Knezevic (78)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=zlakne@microsoft.com)
* [Krzysztof Wicher (74)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=kwicher@microsoft.com)
* [Troy Dai (66)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=troy.dai@outlook.com)
* [Mihai Codoban (43)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=micodoba@microsoft.com)
* [Matt Ellis (26)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=matell@microsoft.com)
* [Andy Gocke (25)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=angocke@microsoft.com)
* [Livar Cunha (21)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=licavalc@microsoft.com)
* [Pranav K (20)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=prkrishn@hotmail.com)
* [Andrew Stanton-Nurse (19)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=andrew@stanton-nurse.com)
* [Enrico Sada (19)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=enrico@sada.io)
* [Eric Mellino (16)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=ermem@microsoft.com)
* [Eric St. John (16)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=ericstj@microsoft.com)
* [Dan Quirk (13)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=danquirk@microsoft.com)
* [glennc (12)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=glennc@microsoft.com)
* [discostu105 (11)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=c.neumueller@gmail.com)
* [Petr Onderka (11)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=gsvick@gmail.com)
* [Tanner Gooding (11)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=tannergooding@users.noreply.github.com)
* [Gaurav Khanna (10)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=gkhanna@microsoft.com)
* [moozzyk (10)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=pawelka@microsoft.com)
* [Richard Lander (9)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=rlander@microsoft.com)
* [Jonathan Miller (8)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=jonmill@microsoft.com)
* [Rob Mensching (8)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=rob@firegiant.com)
* [Adam Gorman (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=adamgor@microsoft.com)
* [Lakshman Fernando (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=lakshanf@microsoft.com)
* [MichaelSimons (7)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=msimons@microsoft.com)
We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core SDK 1.0. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.
```bash
git shortlog -sne --no-merges --until release/1.1.0@{2017-02-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

## .NET Core Tools (SDK)

- [Bryan Thornbury (403)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brthor@microsoft.com)
- [Livar Cunha (303)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=livar@live.com)
- [Eric Erhardt (273)](https://github.com/dotnet/cli/commits/rel/1.0.0?author=eric.erhardt@microsoft.com)
- [Piotr Puszkiewicz (237)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=piotrp@microsoft.com)
- [Sridhar Periyasamy (222)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sridhper@microsoft.com)
- [David Fowler (164)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=davidfowl@gmail.com)
- [Andrew Stanton-Nurse (148)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@andrewnurse.net)
- [Pavel Krymets (109)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=pavel@krymets.com)
- [Senthil (106)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@microsoft.com)
- [Zlatko Knezevic (86)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zlakne@microsoft.com)
- [Krzysztof Wicher (74)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com)
- [Troy Dai (66)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=troy.dai@outlook.com)
- [Mihai Codoban (43)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=micodoba@microsoft.com)
- [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faahmad@microsoft.com)
- [Krzysztof Wicher (29)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kwicher@microsoft.com)
- [Matt Ellis (26)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=matell@microsoft.com)
- [Andy Gocke (25)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=angocke@microsoft.com)
- [Enrico Sada (22)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=enrico@sada.io)
- [Pranav K (20)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=prkrishn@hotmail.com)
- [Justin Goshi (19)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jqgoshi@microsoft.com)
- [Andrew Stanton-Nurse (19)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andrew@stanton-nurse.com)
- [eerhardt (19)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=eric.erhardt@microsoft.com)
- [Eric Mellino (18)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erme@microsoft.com)
- [Eric St. John (16)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ericstj@microsoft.com)
- [Petr Onderka (15)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=gsvick@gmail.com)
- [Dan Quirk (13)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=danquirk@microsoft.com)
- [Glenn Condrun (12)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=glenne@microsoft.com)
- [James Ko (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jesqko@gmail.com)
- [Davis Goodin (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dagood@microsoft.com)
- [Arun Mahapatra (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=codito@users.noreply.github.com)
- [v-masche (3)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-masche@DDVMASCHE492)
- [Aditya Mandaleeka (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=adityam@msft.com)
- [Bill Wert (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=billwert@microsoft.com)
- [Daniel Podder (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dpodder@gmail.com)
- [Faizan2304 (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=faizan2304@hotmail.com)
- [Fredric Silberberg (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=frsilb@microsoft.com)
- [Jeremy Meng (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremy.ymeng@gmail.com)
- [Kevin Jones (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kevin@vcjsone.com)
- [Lakshmi Priya Sekar (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lasekar@microsoft.com)
- [Lee Campbell (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=lee.ryan.campbell@gmail.com)
- [Manish Jayaswal (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=manishj@microsoft.com)
- [Mike Lorbeke (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=mlorbe@microsoft.com)
- [Peter Schneider (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=office@schneider-netservices.com)
- [Phil Henning (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=phenning@microsoft.com)
- [Rob Relyea (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rrelyea@microsoft.com)
- [Shannon (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sdeminick@gmail.com)
- [Victor Hur dugaci (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=victor.hurdugaci@microsoft.com)
- [rkakadia (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rajesh.kakadia@gmail.com)
- [seancpeters (2)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=sepeters@microsoft.com)
- [Kyoungwoo Lee (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=kyulee@microsoft.com)
- [nattress (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=simonn@microsoft.com)
- [Jrmie Galrneau (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jeremie.galarneau@gmail.com)
- [Juergen Hoetzl (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=juergen@archlinux.org)
- [Jostein Kjonigsen (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jostein@kjonigsen.net)
- [Jonathan Miller (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jonathan@jonathan-mbp.guest.corp.microsoft.com)
- [Noah Falk (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=noahfalk@microsoft.com)
- [Adam Baxter (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=voltage@gx.voltage.org)
- [Jonathan Miller (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jon@jonathan-MacBook-Pro.local)
- [Peter Jas (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ncemon@yahoo.com)
- [John Van Tuyyl (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jpvantuyl@gmail.com)
- [Alex KeySmith (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=AlexKeySmith@users.noreply.github.com)
- [John Luo (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jt.luo@mail.utoronto.ca)
- [Ajay Bhargav Baaskaran (1)](https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=ajaybbaaskaran@gmail.com)
- Joel Hendrix (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jhendrix@microsoft.com]
- Jan Vorlicek (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=janvorli@microsoft.com]
- Jan Kotas (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jkotas@microsoft.com]
- Hyung-Kyu Choi (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=hk0110.choi@samsung.com]
- Geoff Norton (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=grompf@gmail.com]
- Rob Relyea (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rob@relyeas.net]
- Aleksandar Milicevic (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=almili@microsoft.com]
- Falco (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=rs38@users.noreply.github.com]
- Erik Schierboom (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=erik_schierboom@hotmail.com]
- Scott Carlton (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=v-sccarl@microsoft.com]
- Senthil Chellappan (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=schellap@bose.guest.corp.microsoft.com]
- wtgodbe (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=wigodbe@microsoft.com]
- Simon de Lang (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=simondeland@gmail.com]
- Dongyun Jin (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dongyun.jin@samsung.com]
- Tanner Gooding (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=tannergooding@outlook.com]
- Dennis Fischer (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=fischer_dennis@live.de]
- The Gitter Badger (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=badger@gitter.im]
- David Lechner (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=david@technology.com]
- Daniel Podder (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=dapodd@microsoft.com]
- Daniel Bradley (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=daniel@danielbradley.net]
- shahid-pk (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=shahid.mrd@hotmail.com]
- Damian Edwards (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=damian@damianedwards.com]
- William Li (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=wul@microsoft.com]
- Zhi Li (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=zhili128@outlook.com]
- Chris Rummel (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com]
- Chris R (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=crummel@microsoft.com]
- Cesar Blum Silveira (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=cesars@microsoft.com]
- stephenoub (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=stoub@microsoft.com]
- Brice Lambs (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@outlook.com]
- Brice Lambson (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bricelam@outlook.com]
- drewgil (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=drewgil@microsoft.com]
- Brian Robbins (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=brianrob@microsoft.com]
- factormystic (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=factormystic@gmail.com]
- Ben Adams (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=thundercat@illyriad.co.uk]
- jcalvar (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jacalvar@microsoft.com]
- Bart Koelman (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=bartkoelmanNOSPAM@NOSPAMgmail.com]
- jtkech (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=jean-thierry.kechichian@wanadoo.fr]
- kloun (1) [https://github.com/dotnet/cli/commits/rel/1.0.0-preview2.1?author=andreynobolkonsky@gmail.com]
# Contributions to .NET Core 2.0

The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0.

```bash
git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-07-25}
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.

* [CLI](#cli)
* [CoreCLR](#coreclr)
* [CoreFX](#corefx)
* [WCF](#wcf)

## CLI

* [Livar Cunha (311)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puszkiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotrp@microsoft.com)
* [Eric Erhardt (159)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [Mike Lorbetske (100)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [jonsequitur (77)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequitur@gmail.com)
* [John Beisner (76)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com)
* [Nick Guerrera (71)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nicolg@microsoft.com)

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 396
* [William Li (67)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [Livar (58)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Jon Sequeira (52)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Livar Cunha (38)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Daniel Plaisted (34)](https://github.com/dotnet/cli/commits/release/2.0.0?author=daplaist@microsoft.com)
* [Faizan Ahmad (30)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsoft.com)
* [Zlatko Knezevic (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com)
* [Bryan Thornbury (26)](https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com)
* [Scott Carlton (19)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-w-sccarl@microsoft.com)
* [mlorbetske (17)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Matt Ellis (16)](https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com)
* [Rainer Sigwald (16)](https://github.com/dotnet/cli/commits/release/2.0.0?author=raines@microsoft.com)
* [Satya Madala (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=samadala@microsoft.com)
* [Kevin Ransom (13)](https://github.com/dotnet/cli/commits/release/2.0.0?author=kevinr@microsoft.com)
* [Vijay Ramakrishnan (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=vramak@microsoft.com)
* [Rama Krishnan Raghupathy (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Justin Emgarten (11)](https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com)
* [Steve Sanderson (11)](https://github.com/dotnet/cli/commits/release/2.0.0?author=SteveSandersonMS@users.noreply.github.com)
* [Ankit Mishra (11)](https://github.com/dotnet/cli/commits/release/2.0.0?author=amnishr@microsoft.com)
* [Harsh Jain (10)](https://github.com/dotnet/cli/commits/release/2.0.0?author=harjain@microsoft.com)
* [Nate Amundson (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=namunds@microsoft.com)
* [Rohit Agrawal (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com)
* [Chris Rummel (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com)
* [Enrico Sada (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=enrico@sada.io)
* [Jeff Kluge (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jeffkl@microsoft.com)
* [seancpeters (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=sepeters@microsoft.com)
* [Omair Majid (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com)
* [Ashley Hauck (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ashauck@microsoft.com)
* [Zbynek Saifer (7)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-zbsail@microsoft.com)
* [Shayne Boyer (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=spboyer@live.com)
* [dasMulli (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com)
* [Arun Mahapatra (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=codito@users.noreply.github.com)
* [Parallels (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Mikkel Nylander Bundgaard (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mikkelbu@gmail.com)
* [Mike Lorbetske (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mloorbe@microsoft.com)
* [Maira Wenzel (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mairaw@microsoft.com)
* [Jonathan Channon (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonathan.channon@gmail.com)
* [Arun Mahapatra (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=armahapa@microsoft.com)
* [Sridhar Periyasamy (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=sridhper@microsoft.com)
* [Rohit Agrawal (NUGET) (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com)
* [blackdwarf (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlakne@microsoft.com)
* [Christopher Costa (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ccosta@microsoft.com)
## CoreCLR

* [Jonghyun Park (242)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com)
* [Jan Kotas (182)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com)
* [Pat Gavlin (143)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com)
* [danmosemsft (139)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com)
* [Bruce Forstall (101)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com)
* [Andy Ayers (77)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com)
* [wtgodbe (77)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Stephen Toub (76)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com)
* [Joseph Tremoulet (58)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com)
* [Mike Danes (57)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (53)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Jan Vorliceck (50)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com)
* [Sergey Arendenko (49)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com)
* [SaeHie Park (42)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com)
* [Michelle McDaniels (41)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adriaaida@gmail.com)
* [Hyeongseok Oh (41)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [Gaurav Khanna (40)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Aditya Mandaleeka (40)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com)
* [Koundinya Veluri (40)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Sean Gillespie (36)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me)
* [Carol Eidt (35)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com)
* [Rahul Kumar (34)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com)
* [Tarek Mahmoud Sayed (33)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Justin Van Patten (32)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com)
* [Atsushi Kanamori (31)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com)
* [Steve MacLean (30)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Mikhail Skvortcov (30)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com)
* [Mike McLaughlin (28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=miken@microsoft.com)
* [James Ko (28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com)
* [Hyung-Kyu Choi (28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hhk0110.choi@samsung.com)
* [Christopher Costa (27)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com)
* [jashook (27)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com)
* [sivarv (26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com)
* [Drew Scoggins (26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [Alex Perovich (25)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com)
* [Ben Adams (25)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk)
* [Brian Robbins (24)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com)
* [Dan Moseley (24)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com)
* [Jeremy Kuhne (22)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Frederik Carlier (20)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi)
* [Brian Sullivan (20)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com)
* [Russ Keldorph (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com)
* [Evgeny Pavlov (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com)
* [Michal Strehoisky (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehoisky@users.noreply.github.com)
* [Pat Gavlin (15)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pgavlin@gmail.com)
* [William Godbe (15)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Swaroop Sridhar (15)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com)
* [John Chen (15)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com)
* [Tanner Gooding (14)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoon@outlook.com)
* [mikedn (14)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [Rama Krishnan Ragupathy (13)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Matt Warren (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matt.warren@live.co.uk)
* [Peter Marcu (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com)
* [Swaroop Sridhar (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Swaroop.Sridhar@microsoft.com)
* [Roman Artemev (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramartemev@microsoft.com)
* [Aditya Mandaleeka (5)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@microsoft.com)
* [Cyd Haselton (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com)
* [noahfalk (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=noahfalk@microsoft.com)
* [Adam Sitnik (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adam.sitnik@gmail.com)
* [Alex Ghiondea (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Buyduck (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivan.vagin@partner.samsung.com)
* [Tanner Gooding (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com)
* [LaSombra (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com)
* [Mskvortsov (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail.skvortsov@gmail.com)
* [Jiyoung Giuliana Yun (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=t2wish@gmail.com)
* [Chunseoklee (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com)
* [Mandar Sahasrabuddhe (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=WinCPP@users.noreply.github.com)
* [Maoni Stephens (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Maoni0@users.noreply.github.com)
* [Atsushi Kanamori (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=atsushik@microsoft.com)
* [Yongseop Kim (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=yonss.kim@samsung.com)
* [Eugene Rozenfeld (4)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=erozen@microsoft.com)
* [Felipe Fujiy Pessoto (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com)
* [Ilya (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dieselmachine84@users.noreply.github.com)
* [Hugh Bellamy (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hughbellamy@gmail.com)
* [Evgeny Pavlov (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@microsoft.com)
* [Eric St. John (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Omar Tawfik (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com)
* [Julien Couvreur (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcoul@users.noreply.github.com)
* [Austin Wise (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com)
* [Vance Morrison (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net)
* [Sedar Gokbulut (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seadarg@microsoft.com)
* [Sean Gillespie (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com)
* [Sasha Semennikov (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com)
* [Santiago Fernandez Madero (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safern@microsoft.com)
* [Ravi Eda (3)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com)
* [Thiago Camargos Lopes](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com)
* [John Gorter](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com)
* [Toni Solarin-Sodara](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com)
* [rahul](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@github.com)
* [Karel Zikmund](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=karelz@microsoft.com)
* [Varun Venkatesan](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com)
* [Vijay Ramakrishnan](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrkn@users.noreply.github.com)
* [vkvenkat](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com)
* [Viktor Hofer](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com)
* [Vinicius Martins](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com)
* [Vladimir Sadov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Jrgen Htzel](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzel.info)
* [Ben Monroe](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=bendono@users.noreply.github.com)
* [sergey ignatov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sergign60@mail.ru)
* [Xiang Fan](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangfan@microsoft.com)
* [Adeel Mujahid](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adeelbm@outlook.com)
* [Han Lee](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=han.lee@intel.com)
* [sjsujin.kim](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sjsujin.kim@samsung.com)
* [Yuriy Solodkyy](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=solodon4@users.noreply.github.com)
* [Zverev Eugene](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=zverev.eugene@gmail.com)
* [adiaaida](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaida@gmail.com)
* [Jos Rivero](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com)
* [Jarret Shook](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com)
* [Ilya Ivanov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ivanov@viva64.com)
* [Joseph Tremoulet](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ICTremoulet@gmail.com)
* [cod7alex](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=cod7alex@gmail.com)
* [Andrey Kvochko](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kvochko@users.noreply.github.com)
* [darxis](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=darxis@users.noreply.github.com)
* [dasMulli](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com)
* [Morgan Brown](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=morganbr@users.noreply.github.com)
* [smile21prc](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiwe@microsoft.com)
* [dnickless](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=daniel.hegener@gmx.net)
* [Nicol Carandini](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ncarandini@users.noreply.github.com)
* [Ofer Zelig](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=oferze@users.noreply.github.com)
* [Olof Olsson](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com)
* [Ivan Baravy](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com)
* [Mikhail Filippov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me)
* [Omar Tawfik (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawfik@microsoft.com)  
* [OmariO (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omariom@users.noreply.github.com)  
* [Erti-Chris Eelmaa (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chriseelmaa@gmail.com)  
* [Mikhail Skvortsov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail.skvortsov@gmail.com)  
* [Alexandre Mutel (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alexandre_mutel@live.com)  
* [Pedro Lamas (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pedrolamas@gmail.com)  
* [Per Lundberg (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com)  
* [Michal Strehovsk (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com)  
* [Matthew Parkinson (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com)  
* [Peter Smulovics (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com)  
* [Felipe Pessoto (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com)  
* [AlexGhiondea (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)  
* [gabalykov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=g.balykov@samsung.com)  
* [giuliohome (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=giuliohome@gmail.com)  
* [helloguo (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com)  
* [Matt Galbraith (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com)  
* [ikopylov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ikopylov@users.noreply.github.com)

## CoreFX

* [Stephen Toub (661)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)  
* [Jon Hanna (361)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net)  
* [Eric St. John (315)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)  
* [Eric Mellino (192)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=erme@microsoft.com)  
* [Hugh Bellamy (166)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com)  
* [Wes Haggard (134)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)  
* [Jose Perez Rodriguez (123)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com)  
* [Ian Hays (114)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ianha@microsoft.com)  
* [Santiago Fernandez Madero (114)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)  
* [Lakshmi Priya Sekar (109)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lasekar@microsoft.com)  
* [Bart De Smet (99)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com)  
* [Dan Moseley (98)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dannose@microsoft.com)  
* [James Ko (95)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jaqko@intel.com)  
* [Jan Kotas (84)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jkotas@microsoft.com)  
* [chcosta (78)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com)  
* [Anthony Langsworth (78)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anthony.langsworth@gmail.com)
* [Jeremy Barton (76)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jbarton@microsoft.com)
* [Viktor Hofer (75)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Liudmila Molkova (71)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lmolkova@microsoft.com)
* [Krzysztof Wicher (70)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com)
* [Alex Perovich (66)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com)
* [sepidehMS (64)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com)
* [Jeremy Kuhne (64)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jeremy.kuhne@microsoft.com)
* [Tarek Mahmoud Sayed (63)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Shin Mao (62)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shmao@microsoft.com)
* [danmosemsft (55)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=damose@microsoft.com)
* [Justin Van Patten (54)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jvp@justinvp.com)
* [Atsushi Kanamori (53)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com)
* [Karel Zikmund (52)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@users.noreply.github.com)
* [Stephen A. Imhoff (51)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=clockworkmuse@outlook.com)
* [Geoff Kizer (34)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrekr@microsoft.com)
* [David Shulman (34)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=david.shulman@microsoft.com)
* [Matt Galbraith (34)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Atsushi Kanamori (31)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com)
* [Matt Mitchell (31)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mmitche@microsoft.com)
* [Karthik Rajasekaran (30)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karajas@microsoft.com)
* [Davis Goodin (29)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@microsoft.com)
* [Alex Ghiondea (28)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ghiondea.alexandru@microsoft.com)
* [Cory Rivera (28)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com)
* [Krzysztof Wicher (26)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [Bart J.F. De Smet (26)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bardesmet@hotmail.com)
* [Saurabh Singh (25)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabhb500@users.noreply.github.com)
* [Steve Harter (25)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steveharter@users.noreply.github.com)
* [Wes Haggard (25)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com)
* [Gaurav Khanna (24)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Tijoy Tom Kalathiparambil (23)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com)
* [Frederik Carlier (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi)
* [Alexander Radchenko]
  (21)[https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com]
* [Santiago Fernandez (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)
* [Steve Harter (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sharter@microsoft.com)
* [Christopher Costa (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chcosta@microsoft.com)
* [Huangli Wu (21)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [FAREAST\v-lijiay (20)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [Sedar Gokbulut (20)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sedarg@microsoft.com)
* [Koundinya Veluri (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Ahson Ahmed Khan (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com)
* [Rahul Kumar (19)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@microsoft.com)
* [Saurabh Singh (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com)
* [Marek Safar (17)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com)
* [Tanner Gooding (16)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tagoo@outlook.com)
* [Will Dean (16)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=will@indcomp.co.uk)
* [Hyeongseok Oh (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [qizhanMS (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com)
* [Karel Zikmund (15)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com)
* [Sepideh Khoshnoood (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=seko@microsoft.com)
* [Jiyoung Yun (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jj910.yun@samsung.com)
* [Rama Krishnan Raghupathy (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Jiayi Li (14)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [Dennis "D.C." Dietrich (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com)
* [Matt Ellis (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=matell@microsoft.com)
* [Immo Landwerth (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com)
* [David Wright (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dcwuser@live.com)
* [Matt Galbraith (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com)
* [Caesar Chen (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shizhe95@gmail.com)
* [Cristian Pop (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com)
* [Stanislav Ushakov (13)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com)
* [Hyung-Kyu Choi (12)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hk0110.choi@samsung.com)
* [Eric StJohn (12)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=erics heavyweight@users.noreply.github.com)
* [Daniel Harvey (11)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com)
* [Tom Matouek (11)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mat@users.noreply.github.com)
* [tintoy (11)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io)
* [Vance Morrison (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net)
* [Eric Eilebrecht (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericell@microsoft.com)
* [Mandar Sahasrabuddhe (10)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com)
* [Tarekm Mahmoud Sayed]
(10) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com]
* Morgan Brown
(9) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.githubusercontent.com]
* Alex Ghiondea
(9) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com]
* vsadov (9) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com]
* Pavel Maltsev (9) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com]
* Viktor Hofer (9) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com]
* Rich Lander (8) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=rlander@microsoft.com]
* Jan Vorlicek (8) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com]
* Drew Scoggin (8) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com]
* chunseoklee (8) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com]
* Gene Lee (7) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com]
* Vance Morrison (7) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com]
* Petr Onderka (7) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=gs Vick@gmail.com]
* Rion Williams (7) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=ronmonster@gmail.com]
* Hanjoung Lee (7) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com]
* nietras (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com]
* Brahmmes Fung (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com]
* Carol Wang (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com]
* Ben Adams (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=thundercat@illyriad.co.uk]
* wtgodbe (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=wgodbe@microsoft.com]
* Darren Hoehna (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com]
* Davis Goodin (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com]
* WinCPP (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=mardars@gmail.com]
* Marek Linka (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com]
* Michael Simons (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com]
* stone-li (6) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com]
* chunseok lee (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseok.lee@samsung.com]
* Jonghyun Park (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com]
* Cristian Pop (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com]
* Lakshmi Priya Sekar (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com]
* Robert Anderson (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftyl0gic@users.noreply.github.com]
* John Chen (CLR) (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com]
* Anton Lapounov (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com]
* Eric Erhardt (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com]
* Peter Marcu (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com]
* Egor Bogatov (5) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com]
* alperovi (4) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com]
* Adam Friedman (4) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com]
* Hyeongseok Oh (4) [https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com]
* [Sergio Parra Guerra](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergio_parra_guerra@hotmail.com)
* [sxmichael (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=michael@senexx.com)
* [Shimmy](https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com)
* [Mike van Dongen](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github@mikevandongen.nl)
* [Michal Strehovsk (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=michals@microsoft.com)
* [Martin Parkinson](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin@dotnetfoundation.org)
* [Stefan Nikolei (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu)
* [Martin Scholz](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.scholz83@outlook.com)
* [Markus Lapiere](https://github.com/dotnet/corefx/commits/release/2.0.0?author=markus.sintonen@gmail.com)
* [Steve Desmondf (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca)
* [Steve Desmondf (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stevedesmond-ca@users.noreply.github.com)
* [Markus Sintonen](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sjlee@mail.com)
* [Tomas Matousek](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas.matousek@microsoft.com)
* [Josh Free](https://github.com/dotnet/corefx/commits/release/2.0.0?author=joshfree@users.noreply.github.com)
* [Travis Querc (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@gmail.com)
# WCF

* [Stephen Bonikowsky (82)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stephen@microsoft.com)
* [Ron Cain (18)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com)
* [Matt Galbraith (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Eric St. John (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com)
* [KKhurin (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=khurin@users.noreply.github.com)
* [hongdai (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com)
* [Konst Khurin (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=khurin@users.noreply.github.com)
* [Zhenlan Wang (7)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlwa@microsoft.com)
* [huanwu (6)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Shin Mao (5)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mms@users.noreply.github.com)
* [Matt Connew (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmconnew@microsoft.com)
* [Matt Mitchell (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattmitch@microsoft.com)
* [Tarek Mahmoud Sayed](https://github.com/dotnet/wcf/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Olof Olsson (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=borsna@users.noreply.github.com)
* [Chris R (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com)
* [Karel Zikmund](https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com)
* [Morgan Brown (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com)
* [Carol Wang (Inspur Worldwide Services Ltd)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=v-carwan@microsoft.com)
* [Rich Lander (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=rlander@microsoft.com)
* [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)

The MIT License (MIT)

Copyright (c) .NET Foundation and Contributors

All rights reserved.

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

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

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

# Contributions to .NET Core 2.0 Preview 1

We're still working out the best way to present contributors and trying to be as accurate as possible. The list below is generated with the following command listed below in an attempt to capture all contributions which have gone into .NET Core 2.0 Preview 1. Where multiple email addresses were returned for a single person, the counts were aggregated with the email address reported the most commits.

```bash
  git shortlog -sne --no-merges --since release/2.0.0@{2016-10-03} --until release/2.0.0@{2017-05-05} --committer="dotnet-bot" --invert-grep
```

When you navigate to a contributors commit page, the results are not filtered by release so more commits than are listed below will be shown.
* [CLI] (#cli)
* [CoreCLR] (#coreclr)
* [CoreFX] (#corefx)
* [WCF] (#wcf)

## CLI

* [Livar Cunha (227)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Piotr Puszkiewicz (219)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotr@live.com)
* [Justin Goshi (145)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jgoshi@microsoft.com)
* [Eric Erhardt (136)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [Krzysztof Wicher (103)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mordotymoja@gmail.com)
* [Jon Sequeira (74)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Jon Sequeira (51)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonsequeira@gmail.com)
* [Mike Lorbetoske (43)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [Faizan Ahmad (32)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@microsoft.com)
* [Livar Cunha (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Zlatko Knezevic (29)](https://github.com/dotnet/cli/commits/release/2.0.0?author=zlatko@live.com)
* [Bryan Thornbury (26)](https://github.com/dotnet/cli/commits/release/2.0.0?author=brthor@microsoft.com)
* [Livar (25)](https://github.com/dotnet/cli/commits/release/2.0.0?author=licavalc@microsoft.com)
* [Daniel Plaisted (25)](https://github.com/dotnet/cli/commits/release/2.0.0?author=dplaist@microsoft.com)
* [Nick Guerrera (21)](https://github.com/dotnet/cli/commits/release/2.0.0?author=nicholg@microsoft.com)
* [Scott Carlton (19)](https://github.com/dotnet/cli/commits/release/2.0.0?author=vsccarl@microsoft.com)
* [William Li (18)](https://github.com/dotnet/cli/commits/release/2.0.0?author=wul@microsoft.com)
* [John Beisner (15)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jbeisner@microsoft.com)
* [Satya Madala (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=samadala@microsoft.com)
* [Unknown (14)](https://github.com/dotnet/cli/commits/release/2.0.0?author=piotr@live.com)
* [Rama Krishnan Raghupathy (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Matt Ellis (12)](https://github.com/dotnet/cli/commits/release/2.0.0?author=matell@microsoft.com)
* [Harsh Jain (10)](https://github.com/dotnet/cli/commits/release/2.0.0?author=harjain@microsoft.com)
* [Nate Amundson (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=naamunds@microsoft.com)
* [Ankit Mishra (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ankitmishra@microsoft.com)
* [Rohit Agrawal (9)](https://github.com/dotnet/cli/commits/release/2.0.0?author=ragrawal@microsoft.com)
* [Jeff Kluge (8)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jJeffKl@microsoft.com)
* [Vijay Ramakrishnan (7)](https://github.com/dotnet/cli/commits/release/2.0.0?author=vraksh@microsoft.com)
* [Shayne Boyer (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=spboyer@live.com)
* [dasMulli (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=martin.andreas.ullrich@gmail.com)
* [Omair Majid (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=omajid@redhat.com)
* [Justin Emgarten (6)](https://github.com/dotnet/cli/commits/release/2.0.0?author=justin@emgarten.com)
* [Mike Lorboteske (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mlorbe@microsoft.com)
* [Arun Mahapatra (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=arunmahapatra@gmail.com)
* [Parallel (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=codito@users.noreply.github.com)
* [Livar (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=livar@live.com)
* [Maira Wenzel (5)](https://github.com/dotnet/cli/commits/release/2.0.0?author=maira@live.com)
* [Jonathan Channon (4)](https://github.com/dotnet/cli/commits/release/2.0.0?author=jonathan.channon@gmail.com)
* [Rikard Johansson (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=rajoo@mail.com)
* [Roger (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=narayanroger@gmail.com)
* [Chris R (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=crummel@microsoft.com)
* [Axel Heer (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=axel@heer.eu)
* [Scott Addie (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=tobias.addie@gmail.com)
* [Steve Desmond (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=steve@vtsv.ca)
* [William Li (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=williamli@williams-nbp.guest.corp.microsoft.com)
* [Alex Barney (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=Thealexbarney@users.noreply.github.com)
* [eerhardt (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [faahmad (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=faahmad@FAAHMAD-RTW3)
* [foresterre (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=foresterre@ilumeo.com)
* [Adeel (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=adeelbm@outlook.com)
* [mlorbetske (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=mike.lorbetske@n3-p.com)
* [v-mdriml (1)](https://github.com/dotnet/cli/commits/release/2.0.0?author=v-mdriml@microsoft.com)

## CoreCLR

* [Jonghyun Park (227)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=parjong@gmail.com)
* [Jan Kotas (157)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jkotas@microsoft.com)
* [danmosemsft (139)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com)
* [Pat Gavlin (130)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pagavlin@microsoft.com)
* [Bruce Forstall (80)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brucefo@microsoft.com)
* [Andy Ayers (74)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=andya@microsoft.com)
* [Stephen Toub (74)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stoub@microsoft.com)
* [wtgodbe (60)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Joseph Tremoulet (55)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jotrem@microsoft.com)
* [Mike Danes (55)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [SaeHie Park (42)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=saehie.park@gmail.com)
* [Sergey Andreenko (42)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=seandree@microsoft.com)
* [Jan Vorlicek (41)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=janvorli@microsoft.com)
* [Aditya Mandaleeka (40)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityam@microsoft.com)
* [Michelle McDaniel (39)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adiaaida@gmail.com)
* [Hyeongseok Oh (38)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [Steve MacLean, Qualcomm Datacenter Technologies, Inc (37)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Koundinya Veluri (35)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Rahul Kumar (34)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rahku@microsoft.com)
* [dotnet bot (31)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=dotnet-bot@dotnetfoundation.org)
* [Carol Eidt (31)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=carol.eidt@microsoft.com)
* [Sean Gillespie (30)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean@swgillespie.me)
* [Gaurav Khanna (29)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=gkhanndi@microsoft.com)
* [Justin Van Patten (29)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jvp@justinvp.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 419

* [James Ko (28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jamesqko@gmail.com)
* [Tarek Mahmoud Sayed (28)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Christopher Costa (27)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chcosta@microsoft.com)
* [Mikhail Skvortcov (26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=m.skvortcov@partner.samsung.com)
* [Atsushi Kanamori (26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AtsushiKan@users.noreply.github.com)
* [sivarv (26)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com)
* [Ben Adams (25)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thundercat@illyriad.co.uk)
* [Alex Perovich (24)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alperovi@microsoft.com)
* [Dan Moseley (24)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=danmose@microsoft.com)
* [jashook (21)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jashoo@microsoft.com)
* [Frederik Carlier (20)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=frederik.carlier@quamotion.mobi)
* [Steve MacLean (20)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmaclea@qti.qualcomm.com)
* [Hyung-Kyu Choi (19)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hk0110.choi@samsung.com)
* [Brian Sullivan (19)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=briansul@microsoft.com)
* [Evgeny Pavlov (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lucenticus@gmail.com)
* [Jeremy Kuhne (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jerry.kuhne@microsoft.com)
* [Drew Scoggins (17)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [Mike McLaughlin (16)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikem@microsoft.com)
* [Michal Strehovsky (16)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MichalStrehovsky@users.noreply.github.com)
* [John Chen (15)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jochen@microsoft.com)
* [mikedn (14)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=onemihaid@hotmail.com)
* [Russ Keldorph (13)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Russ.Keldorph@microsoft.com)
* [Rama Krishnan Raghupathy (13)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ramarag@microsoft.com)
* [ahsonkhan (12)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahson_amhdedk@yahoo.com)
* [Ahson Ahmed Khan (12)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com)
* [Dmitry-Me (11)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Dmitry-Me@users.noreply.github.com)
* [Stephen A. Imhoff (11)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=clockwork-muse@outlook.com)
* [Tanner Gooding (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tagoo@outlook.com)
* [Swaroop Sridhar (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=swaroops@microsoft.com)
* [Hanjoong Lee (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=waterets@gmail.com)
* [Hyung-Kyu Choi (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=hqueue@users.noreply.github.com)
* [Ian Hays (10)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ianha@microsoft.com)
* [Aditya Mandaleeka](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=adityamandaleeka@users.noreply.github.com)
* [Brian Robbins](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=brianrob@microsoft.com)
* [Tanner Gooding](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com)
* [LaSombra](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=lasombra@users.noreply.github.com)
* [Omar Tawfik](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=OmarTawfik@users.noreply.github.com)
* [Evgeny Pavlov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=e.pavlov@samsung.com)
* [chunseoklee](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chunseoklee@naver.com)
* [Julien Couvreur](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jcouv@users.noreply.github.com)
* [Cyd Haselton](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=chaselton@gmail.com)
* [Austin Wise](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=AustinWise@gmail.com)
* [Vance Morrison](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vancemorrison@comcast.net)
* [Jiyoung Giuliana Yun](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=2wish@gmail.com)
* [Sedar Gokbulut](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sedarg@microsoft.com)
* [Sean Gillespie](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sean.william.g@gmail.com)
* [Sasha Semennikov](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=alsemenn@microsoft.com)
* [Felipe Fujiy Pessoto](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=felipepessoto@hotmail.com)
* [Ilya](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com)
* [Peter Kukol](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=pkukol@users.noreply.github.com)
* [Ravi Eda](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=raeda@microsoft.com)
* [Dmitry](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=DmitryDzuba@users.noreply.github.com)
* [Tanner Gooding](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tannergooding@users.noreply.github.com)
* [Santiago Fernandez Madero](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=safern@microsoft.com)
* [WinCPP](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mandards@gmail.com)
* [Phil Christensen](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=philc@microsoft.com)
* [Dmitry-Me](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=wipedout@yandex.ru)
* [Fei Peng](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=fei.peng@intel.com)
* [Mukul Sabharwal](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjsabby@gmail.com)
* [Mukul Sabharwal](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mukul@microsoft.com)
* [Roman Artemev](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rartemev@microsoft.com)
* [Smile Wei](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xrave@intel.com)
* [Rion Williams](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rionmonster@gmail.com)
* [Omair Majid](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=omajid@redhat.com)
* [Bruce Bowyer-Smyth]
* [Ionut Tamas (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tamash_ionut@hotmail.com)
* [Ivan Baravy (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=i.baravy@samsung.com)
* [John Bottenberg (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jobotten@microsoft.com)
* [John Gorter (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=john.gorter@gmail.com)
* [John Soklaski (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jsokla@microsoft.com)
* [Joseph Musser (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=me@jnm2.com)
* [Joseph Tremoulet (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=JCTremoulet@gmail.com)
* [Jos Rivero (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=jorive@microsoft.com)
* [Jrgen Htzel (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=juergen@hoetzl.info)
* [Llewellyn Pritchard (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xacc.иде@gmail.com)
* [Maarten Mensink (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=maarten.mensink@dimensi.nl)
* [Marek Linka (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mareklinka@users.noreply.github.com)
* [Martijn Hoekstra (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=martijn.hoekstra@cargoxxs.com)
* [Matt Galbraith (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=MattGal@users.noreply.github.com)
* [Matt Galbraith (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Matthew Parkinson (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mjp41@users.noreply.github.com)
* [Michael Letterle (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mletterle@preemptive.com)
* [Michal Strehousk (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=michals@microsoft.com)
* [Mikhail Skvortsov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail.skvortsov@gmail.com)
* [Mikhail Filippov (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mikhail@filippov.me)
* [Nicol Carandini (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nccarandini@users.noreply.github.com)
* [Ofer Zelig (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=ofezel@users.noreply.github.com)
* [Olof Olsson (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=borsna@users.noreply.github.com)
* [Omar Tawzik (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=otawzik@microsoft.com)
* [Per Lundberg (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=per.lundberg@ecraft.com)
* [Peter Smulovics (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=peter.smulovics@gmail.com)
* [Rew (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com)
* [Robert (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=Rew017@hotmail.com)
* [Robert Matusewicz (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=matekm@gmail.com)
* [Roger (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=narayanroger@gmail.com)
* [Roman Shchekin (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=mrqtroes@gmail.com)
* [Russ Keldorph (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=russ.keldorph@microsoft.com)
* [Russell C Hadley (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com)
* [Russell C. Hadley (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=rhadley@microsoft.com)
* [Simon Nattress (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=nattress@gmail.com)
* [Sivarv (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sivarv@microsoft.com)

---

**Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 423**
* [Steve Desmond (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=stevedesmondca@users.noreply.github.com)
* [Steve MacLean, Qualcomm Datacenter Technologies Inc](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=sdmacl@users.noreply.github.com)
* [Thiago Camaros Lopes](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=thica@microsoft.com)
* [Tom Deseyn (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=tom.deseyn@gmail.com)
* [Toni Solarin-Sodara](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=toni.edward@outlook.com)
* [Varun Venkatesan](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=varun.k.venkatesan@intel.com)
* [Vijay Ramakrishnan](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vijayrk@users.noreply.github.com)
* [Viktor Hofer (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@microsoft.com)
* [Viktor Hofer (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=viktor.hofer@outlook.com)
* [Vinicius Martins (1)](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=vinima@microsoft.com)
* [Xiangyang (Mark) Guo](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=xiangyang.guo@intel.com)
* [Yuriy Solodkyy](https://github.com/dotnet/coreclr/commits/release/2.0.0?author=soledon4@users.noreply.github.com)
* [Zverev Eugene (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=zverev.eugene@gmail.com)
* [cod7alex (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com)
* [darxis (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=darxis@users.noreply.github.com)
* [dasMulli (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=martin.andreas ullrich@gmail.com)
* [dnickless (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net)
* [giuliohome (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=giuliohome@gmail.com)
* [helloguo (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiangyang.guo@intel.com)
* [ikopylov](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ikopylov@users.noreply.github.com)
* [jorive (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jorive@microsoft.com)
* [kchoi (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=code.kchoi@gmail.com)
* [pius.lee (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pius.lee@samsung.com)
* [rahul (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahku@github.com)
* [smlle21pro (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com)
* [vkvenkat (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Varun.K.Venkatesan@intel.com)

## CoreFX

* [Stephen Toub (535)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stoub@microsoft.com)
* [Jon Hanna (344)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jon@hackcraft.net)
* [Eric St. John (285)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Eric Mellino (167)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ermee@microsoft.com)
* [Jose Perez Rodriguez (116)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=joperezr@microsoft.com)
* [Wes Haggard (113)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)
* [Hugh Bellamy (102)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hughbellars@gmail.com)
* [Bart De Smet (99)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bartde@microsoft.com)
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 426

(21) [Alexander Radchenko](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alexander.radchenko@ quamotion.mobi)
* [Sedar Gokbulut](https://github.com/dotnet/corefx/commits/release/2.0.0?author=radchenkosasha@gmail.com)
* [Ahson Ahmed Khan](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ahsonkhan@users.noreply.github.com)
* [Rahul Kumar](https://github.com/dotnet/corefx/commits/release/2.0.0?author=rahul.kumar@microsoft.com)
* [Wes Haggard](https://github.com/dotnet/corefx/commits/release/2.0.0?author=weshaggard@users.noreply.github.com)
* [dotnet-bot](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dotnet-bot@microsoft.com)
* [Saurabh Singh](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@users.noreply.github.com)
* [Tijoy Tom Kalathiparambil](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tijoytk@microsoft.com)
* [Gaurav Khanna](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gkhanna@microsoft.com)
* [Marek Safar](https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.safar@gmail.com)
* [Koundinya Veluri](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@microsoft.com)
* [Tanner Gooding](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tggooding@outlook.com)
* [Hyeongseok Oh](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [qizhanMS](https://github.com/dotnet/corefx/commits/release/2.0.0?author=qizhan@microsoft.com)
* [Will Dean](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github_will@indcomp.co.uk)
* [Krzysztof Wicher](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kwicher@microsoft.com)
* [Saurabh Singh](https://github.com/dotnet/corefx/commits/release/2.0.0?author=saurabh500@gmail.com)
* [Rama Krishnan Raghupathy](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ramarag@microsoft.com)
* [Dennis "D.C." Dietrich](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dennisdietrich@users.noreply.github.com)
* [Stanislav Ushakov](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sushakov@dataart.com)
* [Immo Landwerth](https://github.com/dotnet/corefx/commits/release/2.0.0?author=immol@microsoft.com)
* [David Wright](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dw121874@live.com)
* [Huangli Wu](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Atsushi Kanamori](https://github.com/dotnet/corefx/commits/release/2.0.0?author=atsushik@microsoft.com)
* [tintoy](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@tintoy.io)
* [Daniel Harvey](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dharvey@microsoft.com)
* [Karel Zikmund](https://github.com/dotnet/corefx/commits/release/2.0.0?author=karelz@microsoft.com)
* [Hyung-Kyu Choi](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hkk0110.choi@samsung.com)
* [Eric Eilebrecht](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericeil@microsoft.com)
* [Tarekm Mahmoud Sayed](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarekms@microsoft.com)
* [Tom Matouek](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tm@users.noreply.github.com)
* [Matt Galbraith](https://github.com/dotnet/corefx/commits/release/2.0.0?author=MattGal@users.noreply.github.com)
* [Matt Ellis](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mattell@microsoft.com)
* [Cristian Pop (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Cristian.Pop@microsoft.com)
* [Viktor Hofer (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=viktor.hofer@outlook.com)
* [Pavel Maltese (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=fire.alkazar@gmail.com)
* [Sepideh Khoshnoody (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=seko@microsoft.com)
* [Jiyoung Yun (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jy910.yun@samsung.com)
* [Santiago Fernandez (9)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@microsoft.com)
* [Drew Scoggins (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anscoggi@microsoft.com)
* [chunseoklee (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseoklee@samsung.com)
* [Rich Lander (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=lander@microsoft.com)
* [Cory Rivera (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=corivera@microsoft.com)
* [Mandar Sahasrabuddhe (8)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=WinCPP@users.noreply.github.com)
* [Hanjoung Lee (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hanjoung.lee@samsung.com)
* [Rion Williams (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=riomonster@gmail.com)
* [Alex Ghiondea (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Petar Onderka (7)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gsimon@microsoft.com)
* [Michael Simons (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=msimons@microsoft.com)
* [wtgodbe (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=wigodbe@microsoft.com)
* [Gene Lee (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=gelee@microsoft.com)
* [Ben Adams (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=therdcat@illyriad.co.uk)
* [Vance Morrison (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancem@microsoft.com)
* [Vance Morrison (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vancemorrison@comcast.net)
* [Marek Linka (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=marek.linka@outlook.com)
* [Eric StJohn (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ericstj@microsoft.com)
* [WinCPP (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mandards@microsoft.com)
* [Brahmnes Fung (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bfung@microsoft.com)
* [Jan Vorlicek (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=janvorli@microsoft.com)
* [nietras (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nietras@users.noreply.github.com)
* [vsadov (6)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Jonghyun Park (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=parjong@gmail.com)
* [Peter Marcu (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter.Marcu@Microsoft.com)
* [Davis Goodin (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dagood@users.noreply.github.com)
* [Chunseok Lee (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chunseoklee@samsung.com)
* [Anton Lapounov (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=anton.lapounov@microsoft.com)
* [John Chen (CLR) (5)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jochen@microsoft.com)
* [Jay Simmons (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=boatboy22@hotmail.com)
* [the-dwyer (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=thedwyer@gmail.com)
* [Adam Friedman (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tintoy@users.noreply.github.com)
* [Jay Li (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [louluqun (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=louluqun@hotmail.com)
* [Julien Couvreur (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcoul@users.noreply.github.com)
* [cydhaselton (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=chaselton@gmail.com)
* [cod7alex (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=cod7alex@gmail.com)
* [Carol Wang (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-carwan@microsoft.com)
* [alperovi (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=alperovi@microsoft.com)
* [Hyeongseok Oh (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=hseok82.oh@samsung.com)
* [Tom Deseyn (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tom.deseyn@gmail.com)
* [Darren Hoehna (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dhoehna@yahoo.com)
* [David Wrighton (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=davidwr@microsoft.com)
* [Nick Guerrera (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nicholg@microsoft.com)
* [Egor Bogatov (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com)
* [Robert Anderson (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shiftylogic@users.noreply.github.com)
* [Eric Erhardt (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=eric.erhardt@microsoft.com)
* [stone-li (4)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-stoli@microsoft.com)
* [AlexGhiondea (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=AlexGhiondea@users.noreply.github.com)
* [Ludovic Henry (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ludovic@xamarin.com)
* [Jason Sturges (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jason@jasonsturges.com)
* [Bruce Bowyer-Smyth (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=bbowyersmyth@live.au.com)
* [Brian O'Neill (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pensivebrian@hotmail.com)
* [Jim Carley (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jcarley@microsoft.com)
* [Cristian Pop (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=CIPop@users.noreply.github.com)
* [Peter Marcu (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=petermarcu@hotmail.com)
* [Jesper Larsen-Ledet (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jesper@jogu.dk)
* [Stephen Cleary (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=github.ourteddybear@xoxy.net)
* [v-lijiay (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@MC-01)
* [Evgeny Pavlov (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=e.pavlov@samsung.com)
* [David Wright (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dawright@microsoft.com)
* [Stanislav Ushakov (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=StanislavUshakov@users.noreply.github.com)
* [Nate Amundson (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=naamunds@microsoft.com)
* [Smile Wei (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=xiwe@microsoft.com)
* [safern (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=safern@SAFERNMAIN)
* [Faizur Rahman (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=shrab@microsoft.com)
* [Paul Harrington (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@microsoft.com)
* [geoffkizer (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=geoffrek)
* [FAREASTV-lijiay (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-lijiay@microsoft.com)
* [SepidehMS (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sekho@microsoft.com)
* [Peter (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Peter@DESKTOP-J1ME3JS)
* [EgorBo (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=egorbo@gmail.com)
* [Lakshmi Priya Sekar (3)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=Priya91@users.noreply.github.com)
* [Koundinya Veluri (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=kouvel@users.noreply.github.com)
* [huanwu (2)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=huanwu@microsoft.com)
* [Mike McLaughlin (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=mikem@microsoft.com)
* [Morgan Brown (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganbr@users.noreply.github.com)
* [Morgan Brown (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=morganb@microsoft.com)
* [Nate Barbettini (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nathanaelb@gmail.com)
* [Odyth (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=jstofle@gmail.com)
* [Olof Olsson (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=borsna@users.noreply.github.com)
* [Omair Majid (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=omair.majid@gmail.com)
* [Omair Majid (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=omajid@redhat.com)
* [Paul Harrington (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=pharring@users.noreply.github.com)
* [Paul Westcott (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=p.westcott@gmail.com)
* [Peter Kukol (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=plukol@users.noreply.github.com)
* [Peter Wurzinger (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=wurzingerp@gmail.com)
* [Robert Matusewicz (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=matekm@gmail.com)
* [Robert Sk (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=robosek@tlen.pl)
* [SaeHie Park (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sahie.park@samsung.com)
* [Sean Gillespie (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean.william.g@gmail.com)
* [Sean Gillespie (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sean@swgillespie.me)
* [Sergio Parra Guerra (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sergior_parra_guerra@hotmail.com)
* [Shimmy (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=weitzhandler@users.noreply.github.com)
* [Stefan Nikolei (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=stefan@nikolei.eu)
* [Steve Desmond (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=steve@vtsv.ca)
* [Sung-Jae Lee (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=slee@naver.com)
* [SunnyWar (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=itsallthesametome@hotmail.com)
* [TEPW (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=TEPW@L008202B)
* [Tanner Gooding (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tannerooding@users.noreply.github.com)
* [Tarun Pothulapati (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tarunpothulapati@outlook.com)
* [TautvydasZilys (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=suniusx@gmail.com)
* [Tomas Matousek (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tomas_matousek@microsoft.com)
* [Travis Querec (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@gmail.com)
* [Travis Querec (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tquerec@microsoft.com)
* [Tyler Brinkley (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tydude4christ@hotmail.com)
* [Vladimir Sadov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vsadov@microsoft.com)
* [Will Dean (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=will.dean@indcomp.co.uk)
* [Yaakov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov-h@users.noreply.github.com)
* [Yaakov (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yaakov@codingrange.com)
* [Yi Zhang (CLR)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=yizhang82@users.noreply.github.com)
* [andrewlock (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sock@andrewlock.net)
* [costahome (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=costa_christopher@hotmail.com)
* [dnickless (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=daniel.hegener@gmx.net)
* [dstuckims (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=dstucki@microsoft.com)
* [nightshinez (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=nightshinez@users.noreply.github.com)
* [obligaron (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=obligaron@live.com)
* [ofirmakmal (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=ofirmakmal@gmail.com)
* [sxmichael (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=sxmichael@gmail.com)
* [tdupont750 (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=tdupont750@gmail.com)
* [v-yanbgu (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=v-yanbgu@microsoft.com)
* [varocarbas (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=contact@customsolvers.com)
* [vitek-karas (1)](https://github.com/dotnet/corefx/commits/release/2.0.0?author=vitek.karas@microsoft.com)

## WCF

* [Stephen Bonikowsky (59)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=stebon@microsoft.com)
* [Ron Cain (18)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=roncain@microsoft.com)
* [Matt Galbraith (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mattgal@microsoft.com)
* [Eric St. John (9)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=ericstj@microsoft.com)
* [Konst Khurin (8)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [hongdai (7)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=hongdai@microsoft.com)
* [huanwu (6)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=huanwu@microsoft.com)
* [KKkurin (5)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=kkhurin@microsoft.com)
* [Zhenlan Wang (4)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=zhenlw@microsoft.com)
* [Shin Mao (3)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=shmao@microsoft.com)
* [Matt Mitchell (2)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mmitch@microsoft.com)
* [Morgan Brown (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=morganb@microsoft.com)
* [Chris R (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=crummel@microsoft.com)
* [Karel Zikmund (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=karelz@users.noreply.github.com)
* [Matt Connew (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=mconnm@microsoft.com)
* [Carol Wang (Inspur Worldwide Services Ltd) (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=carlcar-wCarwan@microsoft.com)
* [Olof Olsson (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=olofolsson@users.noreply.github.com)
* [Rich Lander (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=raland7@microsoft.com)
* [Wes Haggard (1)](https://github.com/dotnet/wcf/commits/release/2.0.0?author=Wes.Haggard@microsoft.com)

1.27 libsrtp 1.6.0
1.27.1 Available under license:

/*
  *
  * Copyright (c) 2001-2017 Cisco Systems, Inc.
  * All rights reserved.
  *
  * Redistribution and use in source and binary forms, with or without
  * modification, are permitted provided that the following conditions
  * are met:
  *
  * Redistributions of source code must retain the above copyright
  * notice, this list of conditions and the following disclaimer.
  *
  * Redistributions in binary form must reproduce the above
  * copyright notice, this list of conditions and the following
  * disclaimer in the documentation and/or other materials provided
  * with the distribution.
  *
  * Neither the name of the Cisco Systems, Inc. nor the names of its
  * contributors may be used to endorse or promote products derived
  * from this software without specific prior written permission.
  *
  * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
  * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
  * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
  * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
  * COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT,
  * INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
  * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
  * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
  * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
  * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
  * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
  * OF THE POSSIBILITY OF SUCH DAMAGE.
  *
*/

1.28 xamlanimatedgif 1.1.10.0

1.28.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

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

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

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

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

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

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

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

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

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to

---

[Note: The text continues as before, but the message here is to provide the end of the document as a whole, adhering to the guidelines provided.]
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

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

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

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

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

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

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 435
the Derivative Works; and

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

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

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

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

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.29 libilbc 2.0.2

1.29.1 Available under license:

Copyright (c) 2011, The WebRTC project authors. All rights reserved.

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

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

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

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

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

1.30 solid-bootstrapping 2.2.0

1.30.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.31 microsoft-netcore-app 4.8.3752.0

1.31.1 Available under license:

The MIT License (MIT)

Copyright (c) 2018 Microsoft

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

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

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

1.32 logofx-client-mvvm-viewmodel-extensions 2.0.0

1.32.1 Available under license:

The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.33 sqlite 3.26.0
1.33.1 Available under license:

The author disclaims copyright to this source code. In place of a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.

1.34 logofx-client-mvvm-viewmodel-services-core 2.0.0
1.34.1 Available under license:

The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
1.35 zlib 1.2.5

1.35.1 Available under license:

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

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

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

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

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

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.
1.36 pcre2 10.30

1.36.1 Available under license:

PCRE2 LICENCE

PCRE2 is a library of functions to support regular expressions whose syntax and semantics are as close as possible to those of the Perl 5 language.

Releases 10.00 and above of PCRE2 are distributed under the terms of the "BSD" licence, as specified below, with one exemption for certain binary redistributions. The documentation for PCRE2, supplied in the "doc" directory, is distributed under the same terms as the software itself. The data in the testdata directory is not copyrighted and is in the public domain.

The basic library functions are written in C and are freestanding. Also included in the distribution is a just-in-time compiler that can be used to optimize pattern matching. This is an optional feature that can be omitted when the library is built.

THE BASIC LIBRARY FUNCTIONS

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,

Copyright (c) 1997-2019 University of Cambridge
All rights reserved.

PCRE2 JUST-IN-TIME COMPILATION SUPPORT

Written by: Zoltan Herczeg
Email local part: hzmester
Email domain: freemail.hu
STACK-LESS JUST-IN-TIME COMPILER

Written by: Zoltan Herczeg
Email local part: hzmester
Email domain: freemail.hu

THE "BSD" LICENCE

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

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

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

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

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

EXEMPTION FOR BINARY LIBRARY-LIKE PACKAGES

------------------------------------------
The second condition in the BSD licence (covering binary redistributions) does not apply all the way down a chain of software. If binary package A includes PCRE2, it must respect the condition, but if package B is software that includes package A, the condition is not imposed on package B unless it uses PCRE2 independently.

End

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

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

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

PCRE2 LICENCE

Please see the file LICENCE in the PCRE2 distribution for licensing details.

End

1.37 swift 5.1.0

1.37.1 Available under license:

COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2015 Unicode, Inc. All rights reserved.
Distributed under the Terms of Use in http://www.unicode.org/copyright.html.

Permission is hereby granted, free of charge, to any person obtaining a copy of the Unicode data files and any associated documentation
(the "Data Files") or Unicode software and any associated documentation
(the "Software") to deal in the Data Files or Software
without restriction, including without limitation the rights to use,
copy, modify, merge, publish, distribute, and/or sell copies of
the Data Files or Software, and to permit persons to whom the Data Files
or Software are furnished to do so, provided that
(a) this copyright and permission notice appear with all copies
of the Data Files or Software,
(b) this copyright and permission notice appear in associated
documentation, and
(c) there is clear notice in each modified Data File or in the Software
as well as in the documentation associated with the Data File(s) or
Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF
ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,
DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder
shall not be used in advertising or otherwise to promote the sale,
use or other dealings in these Data Files or Software without prior
written authorization of the copyright holder.

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

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

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

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

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

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

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

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

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

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

## Runtime Library Exception to the Apache 2.0 License: ##

As an exception, if you use this Software to compile your source code and portions of this Software are embedded into the binary product as a result, you may redistribute such product without providing attribution as would otherwise be required by Sections 4(a), 4(b) and 4(d) of the License.
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You
meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.
1.39 leveldb 1.20

1.39.1 Available under license:

Copyright (c) 2011 The LevelDB Authors. All rights reserved.

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

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
1.40 system-runtime-compilerservices-unsafe
4.0.0.0
1.40.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

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

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

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

END OF TERMS AND CONDITIONS

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

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

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

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

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Copyright (c) 2014 Naoya Inada <naoina@kuune.org>

Permission is hereby granted, free of charge, to any person obtaining a copy
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

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

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

1.41 protobuf 3.0.0

1.41.1 Available under license:

<OWNER> = Regents of the University of California
<ORGANIZATION> = University of California, Berkeley
<YEAR> = 1998

In the original BSD license, both occurrences of the phrase "COPYRIGHT HOLDERS AND CONTRIBUTORS" in
the disclaimer read "REGENTS AND CONTRIBUTORS".

Here is the license template:
Copyright (c) <YEAR>, <OWNER>

All rights reserved.

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

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

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

1.42 icu 56.1

1.42.1 Available under license:

```
<!DOCTYPE HTML PUBLIC "~//W3C//DTD HTML 4.01 Transitional//EN"
"http://www.w3.org/TR/html4/loose.dtd">
<html>
<head>
<meta http-equiv="Content-Type" content="text/html;charset=UTF-8">
<title>ICU License - ICU 1.8.1 and later</title>
</head>

<body BGCOLOR="#ffffff">
<h2>ICU License - ICU 1.8.1 and later</h2>

<p>COPYRIGHT AND PERMISSION NOTICE</p>

Copyright (c) 1995-2015 International Business Machines Corporation and others
All rights reserved.
```
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, provided that the above copyright notice(s) and this permission notice appear in all copies of the Software and that both the above copyright notice(s) and this permission notice appear in supporting documentation.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

All trademarks and registered trademarks mentioned herein are the property of their respective owners.

Third-Party Software Licenses

This section contains third-party software notices and/or additional terms for licensed third-party software components included within ICU libraries.

1. Unicode Data Files and Software

COPYRIGHT AND PERMISSION NOTICE

Copyright 1991-2015 Unicode, Inc. All rights reserved. Distributed under the Terms of Use in

Permission is hereby granted, free of charge, to any person obtaining
a copy of the Unicode data files and any associated documentation
(the "Data Files") or Unicode software and any associated documentation
(the "Software") to deal in the Data Files or Software
without restriction, including without limitation the rights to use,
copy, modify, merge, publish, distribute, and/or sell copies of
the Data Files or Software, and to permit persons to whom the Data Files
or Software are furnished to do so, provided that
(a) this copyright and permission notice appear with all copies
of the Data Files or Software,
(b) this copyright and permission notice appear in associated
documentation, and
(c) there is clear notice in each modified Data File or in the Software
as well as in the documentation associated with the Data File(s) or
Software that the data or software has been modified.

THE DATA FILES AND SOFTWARE ARE PROVIDED "AS IS", WITHOUT WARRANTY OF
ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE
WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT OF THIRD PARTY RIGHTS.
IN NO EVENT SHALL THE COPYRIGHT HOLDER OR HOLDERS INCLUDED IN THIS
NOTICE BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL
DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE,
DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER
TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR
PERFORMANCE OF THE DATA FILES OR SOFTWARE.

Except as contained in this notice, the name of a copyright holder
shall not be used in advertising or otherwise to promote the sale,
use or other dealings in these Data Files or Software without prior
written authorization of the copyright holder.<pre>

<h3>2. Chinese/Japanese Word Break Dictionary Data (cjdict.txt)</h3>
<pre>
# The Google Chrome software developed by Google is licensed under the BSD license. Other software included
in this distribution is provided under other licenses, as set forth below.

# The BSD License
# http://opensource.org/licenses/bsd-license.php
# Copyright (C) 2006-2008, Google Inc.
# All rights reserved.
# Redistribution and use in source and binary forms, with or without modification, are permitted provided that the
# following conditions are met:
# Redistributions of source code must retain the above copyright notice, this list of conditions and the following
disclaimer.
# Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following

disclaimer in the documentation and/or other materials provided with the distribution.
#Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products
derived from this software without specific prior written permission.
#
#THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS
OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
#
#
The word list in cjdict.txt are generated by combining three word lists listed
#below with further processing for compound word breaking. The frequency is generated
#with an iterative training against Google web corpora.
#
#* Libtabe (Chinese)
# - https://sourceforge.net/project/?group_id=1519
# - Its license terms and conditions are shown below.
#
#* IPADIC (Japanese)
# - http://chasen.aist-nara.ac.jp/chasen/distribution.html
# - Its license terms and conditions are shown below.
#
#--------COPYING.libtabe ---- BEGIN--------------------
#
#/*
# * Copyright (c) 1999 TaBE Project.
# * Copyright (c) 1999 Pai-Hsiang Hsiao.
# * All rights reserved.
# *
# * Redistribution and use in source and binary forms, with or without
# * modification, are permitted provided that the following conditions
# * are met:
# *
# * . Redistributions of source code must retain the above copyright
# * notice, this list of conditions and the following disclaimer.
# * . Redistributions in binary form must reproduce the above copyright
# * notice, this list of conditions and the following disclaimer in
# * the documentation and/or other materials provided with the
# * distribution.
# * . Neither the name of the TaBE Project nor the names of its
# * contributors may be used to endorse or promote products derived
# * from this software without specific prior written permission.
# *
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
#
#elif

# * Copyright (c) 1999 Computer Systems and Communication Lab,
# * Institute of Information Science, Academia Sinica.
# * All rights reserved.
#
# * Redistribution and use in source and binary forms, with or without
# * modification, are permitted provided that the following conditions
# * are met:
#
# * . Redistributions of source code must retain the above copyright
# *   notice, this list of conditions and the following disclaimer.
# * . Redistributions in binary form must reproduce the above copyright
# *   notice, this list of conditions and the following disclaimer in
# *   the documentation and/or other materials provided with the
# *   distribution.
# * . Neither the name of the Computer Systems and Communication Lab
# *   nor the names of its contributors may be used to endorse or
# *   promote products derived from this software without specific
# *   prior written permission.
#
# * THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
# * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
# * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
# * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE
# * REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
# * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
# * (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
# * SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
# * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
# * STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
# * ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
# * OF THE POSSIBILITY OF SUCH DAMAGE.
# */
#
# Copyright 1996 Chih-Hao Tsai @ Beckman Institute, University of Illinois
# c-tsai4@uiuc.edu http://casper.beckman.uiuc.edu/~c-tsai4
#
# ----------------COPYING.libtabe--------END------------------------------------
#
#
# ----------------COPYING.ipadic--------BEGIN------------------------------------
#
# Copyright 2000, 2001, 2002, 2003 Nara Institute of Science
# and Technology. All Rights Reserved.
#
# Use, reproduction, and distribution of this software is permitted.
# Any copy of this software, whether in its original form or modified,
# must include both the above copyright notice and the following
# paragraphs.
#
# Nara Institute of Science and Technology (NAIST),
# the copyright holders, disclaims all warranties with regard to this
# software, including all implied warranties of merchantability and
# fitness, in no event shall NAIST be liable for
# any special, indirect or consequential damages or any damages
# whatsoever resulting from loss of use, data or profits, whether in an
# action of contract, negligence or other tortuous action, arising out
# of or in connection with the use or performance of this software.
#
# A large portion of the dictionary entries
# originate from ICOT Free Software. The following conditions for ICOT
# Free Software applies to the current dictionary as well.
#
# Each User may also freely distribute the Program, whether in its
# original form or modified, to any third party or parties, PROVIDED
# that the provisions of Section 3 ("NO WARRANTY") will ALWAYS appear
# on, or be attached to, the Program, which is distributed substantially
# in the same form as set out herein and that such intended
# distribution, if actually made, will neither violate or otherwise
# contravene any of the laws and regulations of the countries having
# jurisdiction over the User or the intended distribution itself.
#
# NO WARRANTY
#
# The program was produced on an experimental basis in the course of the
# research and development conducted during the project and is provided
# to users as so produced on an experimental basis. Accordingly, the
# program is provided without any warranty whatsoever, whether express,
# implied, statutory or otherwise. The term "warranty" used herein
# includes, but is not limited to, any warranty of the quality,
# *performance, merchantability and fitness for a particular purpose of
# the program and the nonexistence of any infringement or violation of
# any right of any third party.
#
# Each user of the program will agree and understand, and be deemed to
# have agreed and understood, that there is no warranty whatsoever for
# the program and, accordingly, the entire risk arising from or
# otherwise connected with the program is assumed by the user.
#
# Therefore, neither ICOT, the copyright holder, or any other
# organization that participated in or was otherwise related to the
# development of the program and their respective officials, directors,
# officers and other employees shall be held liable for any and all
# damages, including, without limitation, general, special, incidental
# and consequential damages, arising out of or otherwise in connection
# with the use or inability to use the program or any product, material
# or result produced or otherwise obtained by using the program,
# regardless of whether they have been advised of, or otherwise had
# knowledge of, the possibility of such damages at any time during the
# project or thereafter. Each user will be deemed to have agreed to the
# foregoing by his or her commencement of use of the program. The term
# "use" as used herein includes, but is not limited to, the use,
# modification, copying and distribution of the program and the
# production of secondary products from the program.
#
# In the case where the program, whether in its original form or
# modified, was distributed or delivered to or received by a user from
# any person, organization or entity other than ICOT, unless it makes or
# grants independently of ICOT any specific warranty to the user in
# writing, such person, organization or entity, will also be exempted
# from and not be held liable to the user for any such damages as noted
# above as far as the program is concerned.
#
# --------------COPYING.ipadic-----END------------------------------------

<h3>3. Lao Word Break Dictionary Data (laodict.txt)</h3>
<pre>
# Copyright (c) 2013 International Business Machines Corporation
# and others. All Rights Reserved.
#
# Project:  http://code.google.com/p/lao-dictionary/
# License:  http://lao-dictionary.googlecode.com/git/Lao-Dictionary-LICENSE.txt
# (copied below)
#
# This file is derived from the above dictionary, with slight modifications.
# ---------------------------------------------------------------
</pre>
#Copyright (C) 2013 Brian Eugene Wilson, Robert Martin Campbell.
#All rights reserved.
#
#Redistribution and use in source and binary forms, with or without modification,
#are permitted provided that the following conditions are met:
#
#Redistributions of source code must retain the above copyright notice, this
#list of conditions and the following disclaimer. Redistributions in binary
#form must reproduce the above copyright notice, this list of conditions and
#the following disclaimer in the documentation and/or other materials
#provided with the distribution.
#
#THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
#ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
#WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
#DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
#ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
#(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
#LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
#ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
#(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
#SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
#
</pre>

<h3>4. Burmese Word Break Dictionary Data (burmesedict.txt)</h3>

<pre>
#Copyright (c) 2014 International Business Machines Corporation
#and others. All Rights Reserved.
#
#This list is part of a project hosted at:
#  github.com/kanyawtech/myanmar-karen-word-lists
#
#--------------------------------------------------------------------------------
#Copyright (c) 2013, LeRoy Benjamin Sharon
#All rights reserved.
#
#Redistribution and use in source and binary forms, with or without modification,
#are permitted provided that the following conditions are met:
#
# Redistributions of source code must retain the above copyright notice, this
# list of conditions and the following disclaimer.
#
# Redistributions in binary form must reproduce the above copyright notice, this
# list of conditions and the following disclaimer in the documentation and/or
# other materials provided with the distribution.
#
# Neither the name Myanmar Karen Word Lists, nor the names of its
5. Time Zone Database

ICU uses the public domain data and code derived from the Time Zone Database for its time zone support. The ownership of the TZ database is explained in BCP 175: Procedure for Maintaining the Time Zone Database section 7.

7. Database Ownership

The TZ database itself is not an IETF Contribution or an IETF document. Rather it is a pre-existing and regularly updated work that is in the public domain, and is intended to remain in the public domain. Therefore, BCPs 78 and 79 do not apply to the TZ Database or contributions that individuals make to it. Should any claims be made and substantiated against the TZ Database, the organization that is providing the IANA Considerations defined in this RFC, under the memorandum of understanding with the IETF, currently ICANN, may act in accordance with all competent court orders. No ownership claims will be made by ICANN or the IETF Trust on the database or the code. Any person making a contribution to the database or code waives all rights to future claims in that contribution or in the TZ Database.

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 472
## Commands to generate dependency files
GEN_DEPS.c=$(CC) -E -MM $(DEFS) $(CPPFLAGS)
GEN_DEPS.cc=$(CXX) -E -MM $(DEFS) $(CPPFLAGS)

## Flags for position independent code
SHAREDLIBCFLAGS = -fPIC
SHAREDLIBCXXFLAGS = -fPIC
SHAREDLIBCPPFLAGS = -DPIC

## Additional flags when building libraries and with threads
THREADSCPPFLAGS = -D_REENTRANT
LIBCPPFLAGS =

## Compiler switch to embed a runtime search path
LD_RPATH=
LD_RPATH_PRE=-Wl,-rpath,

## Compiler switch to embed a library name
LD_SONAME = -Wl,-soname -Wl,$(notdir $(MIDDLE_SO_TARGET))

## Shared library options
LD_SOOPTIONS= -Wl,-Bsymbolic

## Shared object suffix
SO = so

## Non-shared intermediate object suffix
STATIC_O = ao

## Compilation rules
%.$(STATIC_O): $(srcdir)/%.c
$(COMPILE.c) $(STATICCPPFLAGS) $(STATICCFLAGS) -o $@ $<
%.o: $(srcdir)/%.c
$(COMPILE.c) $(DYNAMICCPPFLAGS) $(DYNAMICCFLAGS) -o $@ $<
%.$(STATIC_O): $(srcdir)/%.cpp
$(COMPILE.cc) $(STATICCPPFLAGS) $(STATICCXXFLAGS) -o $@ $<
%.o: $(srcdir)/%.cpp
$(COMPILE.cc) $(DYNAMICCPPFLAGS) $(DYNAMICCXXFLAGS) -o $@ $<

## Dependency rules
%.d: $(srcdir)/%.c
@echo "generating dependency information for $<"
@$((SHELL)) -ec "$((GEN_DEPS.c) $<)
| sed "s/\(^*\)/\1/" > $@;
[ -s $@ ] || rm -f $@"
%.d: $(srcdir)/%.cpp
@echo "generating dependency information for $<"
@$(SHELL) -ec '$(GEN_DEPS.cc) $< \n | sed 's/\(^.*\)\.o: /\1.o $@ : /g' \n | -s $@ ]|| rm -f $@'

## Versioned libraries rules

%.$(SO).$(SO_TARGET_VERSION_MAJOR): %.$(SO).$(SO_TARGET_VERSION)
$(RM) $@ && ln -s ${<F} $@
%.$(SO): %.$(SO).$(SO_TARGET_VERSION_MAJOR)
$(RM) $@ && ln -s ${*F}.$(SO).$(SO_TARGET_VERSION) $@

## Bind internal references

# LDflags that pkgdata will use
BIR_LDFLAGS= -Wl,-Bsymbolic

# Dependencies [i.e. map files] for the final library
BIR_DEPS=

## Remove shared library 's'
STATIC_PREFIX_WHEN_USED =
STATIC_PREFIX =

## End BSD-specific setup

### 1.43 libphonenumber 8.12.7

#### 1.43.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

Apache Commons FileUpload
Copyright 2002-2008 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).
Apache Commons IO
Copyright 2001-2008 The Apache Software Foundation

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).
# This is the list of people who have contributed to the repository.
# The AUTHORS file lists the copyright holders; this file
# lists people. For example, Google employees are listed here
# but not in AUTHORS, because Google holds the copyright.

# Core team:
#
# These people were responsible for the initial implementations in Java and
# C++, and carry out the bulk of metadata maintenance, bug fixes & feature
# requests, and porting new features to Javascript.

Shaopeng Jia
Lara Rennie
David Yonge-Mallo
David Beaumont

# Additional contributions:

# Javascript
Nikolaos Tronikos
  -- Initial implementation, some subsequent maintenance.

# Java:
Walter Erqunigo
  -- Timezone mapper.
Philippe Liard
  -- Offline geocoder, local Maven expert.
Cecilia Roes
  -- Carrier mapper.
Tom Hofmann
  -- First version of the PhoneNumberMatcher and related classes.
Fabien Allanic
Kushal Pisavadia

# C++:
Patrick Mzard
  -- Geocoding library implementation.
Philippe Liard
  -- Initial open-sourcing of a C++ library, responsible for getting this to
  work across multiple platforms.
Ben Gertzfield
Fredrik Roubert
George Yakovlev
Nico Weber
Yoshifumi Inoue

# Debian:
Fredrik Roubert

# Metadata:
Alec McTurk
Alexandru Manea
Andrs Eisenberger
Anssi Hannula
Boshi Lian -- Maintains Chinese geocoding data
Bradford Smith
Cecilia Roes
Florian Grisch
Fredrik Roubert
Ian Galpin -- Maintains the data for the UK
Javier Kohen
Jeanine Lilleng
Karen Lees
Khaled Hafez
Lei Zhang
monjiwired@
Philippe Liard
Sang-il Lee
Yugui Sonoda
BSD License

Copyright (c) 2000-2006, www.hamcrest.org
All rights reserved.

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

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

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

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

This project contains a small number of files derived from the Chromium project. They contain copyright notices such as this:

// Copyright (c) 2010 The Chromium Authors. All rights reserved.
// Use of this source code is governed by a BSD-style license that can be found in the LICENSE file.

Here is the full text of the LICENSE file from the Chromium project:

// Copyright 2014 The Chromium Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
//
// * Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
// * Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Format: http://www.debian.org/doc/packaging-manuals/copyright-format/1.0/
Upstream-Name: libphonenumber
Upstream-Contact: Fredrik Roubert <roubert@google.com>
Source: https://github.com/googlei18n/libphonenumber/

Files: * cpp/src/phonenumbers/base/logging.h
cpp/src/phonenumbers/base/thread_checker.h
cpp/src/phonenumbers/base/memory/singleton.h
cpp/src/phonenumbers/base/memory/singleton_posix.h
cpp/src/phonenumbers/base/synchronization/lock.h
cpp/src/phonenumbers/base/synchronization/lock_posix.h
cpp/src/phonenumbers/base/thread_checker.h
Copyright: 2011, The Libphonenumber Authors
License: Apache-2.0
On Debian systems, the full text of the Apache License version 2.0 can be found in the file `/usr/share/common-licenses/Apache-2.0'.

Files: cpp/src/phonenumbers/utf/rune.c
cpp/src/phonenumbers/utf/utf.h
cpp/src/phonenumbers/utf/utfdef.h
Copyright: 1998-2002, Lucent Technologies
License: MIT

Files: cpp/src/phonenumbers/base/*
tools/cpp/src/base/*
Copyright: 2006-2012, The Chromium Authors
License: BSD

Files: debian/*
Copyright: 2011, The Libphonenumber Authors
2014, Daniel Pocock http://danielpocock.com
License: Apache-2.0
On Debian systems, the full text of the Apache License version 2.0 can be found in the file `/usr/share/common-licenses/Apache-2.0'.

License: MIT
Permission to use, copy, modify, and distribute this software for any purpose without fee is hereby granted, provided that this entire notice is included in all copies of any software which is or includes a copy or modification of this software and in all copies of the supporting documentation for such software.
THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR IMPLIED WARRANTY. IN PARTICULAR, NEITHER THE AUTHORS NOR LUCENT TECHNOLOGIES MAKE ANY REPRESENTATION OR WARRANTY OF ANY KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS FITNESS FOR ANY PARTICULAR PURPOSE.
License: BSD
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

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

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

Copyright (C) 2011 The Libphonenumber Authors

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.
8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

1.44 libxml 2.9.10

1.44.1 Available under license:

Except where otherwise noted in the source code (e.g. the files hash.c, list.c and the trio files, which are covered by a similar licence but with different Copyright notices) all the files are:

Copyright (C) 1998-2012 Daniel Veillard. All Rights Reserved.
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

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

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

1.45 system-componentmodel-annotations

4.6.25921.02

1.45.1 Available under license :

The MIT License (MIT)

Copyright (c) Microsoft Corporation

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
IMPORTANT-READ CAREFULLY: This Microsoft End-User License Agreement ("EULA") is a legal agreement between you (either an individual or a single entity) and Microsoft Corporation for the Microsoft software product identified above, which includes computer software and associated media and printed materials, and may include "online" or electronic documentation ("SOFTWARE PRODUCT" or "SOFTWARE"). By installing, copying, or otherwise using the SOFTWARE PRODUCT, you agree to be bound by the terms of this EULA. If you do not agree to the terms of this EULA, do not install, copy, or use the SOFTWARE PRODUCT.

SOFTWARE PRODUCT LICENSE The SOFTWARE PRODUCT is protected by copyright laws and international copyright treaties, as well as other intellectual property laws and treaties. The SOFTWARE PRODUCT is licensed, not sold.

1. GRANT OF LICENSE. This EULA grants you the following non-exclusive rights:

* Software Product. You may install and use the enclosed SOFTWARE PRODUCT on your computers to design, develop, and test help systems and Internet content ("Help").

* Sample Code. You may modify the sample source code located in the SOFTWARE PRODUCT's online help files to design, develop, and test your Help. You may also reproduce and distribute the Sample Code in object code form along with any modifications you make to the Sample Code, provided that you comply with the Distribution Requirements described below. For purposes of this section, "modifications" shall mean enhancements to the functionality of the Sample Code.

* Redistributable Code. The portions of the SOFTWARE PRODUCT identified as "hhupd.exe" is designated as "Redistributable Code." The Redistributable Code has been designed, developed and tested to run on Windows 95 and Windows NT and is intended to provide you with a way to redistribute Internet Explorer services such as HTML Help functionality. You may redistribute the Redistributable Code subject to the Distribution Requirements listed below and the following additional provisions: you may only permit installation of the Redistributable Code in the "passive mode" without making it the default browser and without adding the Internet icon to the desktop. If your redistribution and installation of the Redistributable Code requires that you use the Internet icon on the desktop, or to use Internet Explorer as the default browser, you must sign up and accept the terms of the Internet Explorer License and Distribution Agreement located at: http://ieak.microsoft.com/release2/licenseProducts.asp.

* Distribution Requirements. You may copy and redistribute the Sample Code and/or Redistributable Code (collectively "REDISTRIBUTABLE COMPONENTS") as described above, provided that (a) you distribute the REDISTRIBUTABLE COMPONENTS only in conjunction with, and as a part of, your Application; (b) your Application adds significant and primary functionality to the REDISTRIBUTABLE COMPONENTS; (c) you do not use Microsoft's name, logo, or trademarks to market your Application, except as expressly authorized by Microsoft in any other agreement; (d) you include a valid copyright notice on your Application; and (g) you agree to indemnify, hold harmless, and defend Microsoft from and against any claims or lawsuits, including attorneys' fees, that arise or result from the use or distribution of your Application. Microsoft reserves all rights not expressly
granted to you.

2. COPYRIGHT. All rights, title, and copyrights in and to the SOFTWARE PRODUCT (including, but not limited to, any images, photographs, animations, video, audio, music, text, and "applets" incorporated into the SOFTWARE PRODUCT) and any copies of the SOFTWARE PRODUCT are owned by Microsoft or its suppliers. You may not copy the printed materials, if any, accompanying the SOFTWARE PRODUCT.

3. DESCRIPTION OF OTHER RIGHTS AND LIMITATIONS.

* Limitations on Reverse-Engineering, Decompilation, and Disassembly. You may not reverse-engineer, decompile, or disassemble the SOFTWARE PRODUCT, except and only to the extent that such activity is expressly permitted by applicable law notwithstanding this limitation.

* Rental. You may not rent or lease the SOFTWARE PRODUCT.

* Software Transfer. You may permanently transfer all of your rights under this EULA, provided you retain no copies, you transfer all of the SOFTWARE PRODUCT (including all component parts, the media and printed materials, any upgrades, this EULA, and, if applicable, the Certificate of Authenticity), and the recipient agrees to the terms of this EULA. If the SOFTWARE PRODUCT is an upgrade, any transfer must include all prior versions of the SOFTWARE PRODUCT.

* Termination. Without prejudice to any other rights, Microsoft may terminate this EULA if you fail to comply with the terms and conditions of this EULA. In such event, you must destroy all copies of the SOFTWARE PRODUCT and all of its component parts.

5. EXPORT RESTRICTIONS. You agree that neither you nor your customers intend to or will, directly or indirectly, export or transmit (a) the SOFTWARE PRODUCT or related documentation and technical data, or (b) your Application as described in Section 1 of this EULA (or any part thereof), or process, or service that is the direct product of the SOFTWARE PRODUCT to any country to which such export or transmission is restricted by any applicable U.S. regulation or statute, without the prior written consent, if required, of the Bureau of Export Administration of the U.S. Department of Commerce, or such other governmental entity as may have jurisdiction over such export or transmission.

6. U.S. GOVERNMENT RESTRICTED RIGHTS. The SOFTWARE PRODUCT and documentation are provided with RESTRICTED RIGHTS. Use, duplication, or disclosure by the Government is subject to restrictions as set forth in subparagraph (c)(1)(ii) of The Rights in Technical Data and Computer Software clause at DFARS 252.227-7013 or subparagraphs (c)(1) and (2) of the Commercial Computer Software - Restricted Rights at 48 CFR 52.227-19, as applicable. Manufacturer is Microsoft Corporation/One Microsoft Way/ Redmond, WA 98052-6399.

MISCELLANEOUS

If you acquired this product in the United States, this EULA is governed by the laws of the State of Washington.

If you acquired this product in Canada, this EULA is governed by the laws of the Province of Ontario, Canada. Each of the parties hereto irrevocably attorns to the jurisdiction of the courts of the Province of Ontario and further agrees to commence any litigation that may arise hereunder in the courts located in the Judicial District of York, Province of Ontario.

If this product was acquired outside the United States, local law may apply.
Should you have any questions concerning this EULA, or if you desire to contact Microsoft for any reason, please contact the Microsoft subsidiary serving your country, or write: Microsoft Customer Sales and Service/One Microsoft Way/Redmond, WA 98052-6399.

NO WARRANTIES. To the maximum extent permitted by applicable law, Microsoft expressly disclaims any warranty for the SOFTWARE PRODUCT. The SOFTWARE PRODUCT and any related documentation are provided "as is" without warranty of any kind, either express or implied, including, without limitation, the implied warranties of merchantability or fitness for a particular purpose. The entire risk arising out of use or performance of the SOFTWARE PRODUCT remains with you.

LIMITATION OF LIABILITY. Microsoft's entire liability and your exclusive remedy under this EULA shall not exceed five dollars (US$5.00).

NO LIABILITY FOR CONSEQUENTIAL DAMAGES. To the maximum extent permitted by applicable law, in no event shall Microsoft or its suppliers be liable for any damages whatsoever (including, without limitation, damages for loss of business profit, business interruption, loss of business information, or any other pecuniary loss) arising out of the use of, or inability to use, this Microsoft product, even if Microsoft has been advised of the possibility of such damages. Because some states/jurisdictions do not allow the exclusion or limitation of liability for consequential or incidental damages, the above limitation may not apply to you.

Si vous avez acquis votre produit Microsoft au CANADA, la garantie limitée suivante vous concerne:

GARANTIE LIMITÉE EXCLUSION DE GARANTIES. Microsoft renonce entièrement à toute garantie pour le LOGICIEL. Le LOGICIEL et toute autre documentation s'y rapportant sont fournis comme tels sans aucune garantie quelle qu'elle soit, expresse ou implicite, y compris, mais ne se limitant pas aux garanties implicites de la qualité marchande ou un usage particulier. Le risque total découlant de l'utilisation ou de la performance du LOGICIEL est entre vos mains.

RESPONSABILITÉ LIMITÉE. La seule obligation de Microsoft et votre recours exclusif concernant ce contrat n'excéderont (US$5.00).

ABSENCE DE RESPONSABILITÉ POUR LES DOMMAGES INDIRECTS. Microsoft ou ses fournisseurs ne pourront être tenus responsables en aucune circonstance de tout dommage quel qu'il soit (y compris mais non de façon limitative les dommages directs ou indirects causés par la perte de bénifices commerciaux, l'interruption des affaires, la perte d'information commerciale ou toute autre perte pécuniaire) résultant de l'utilisation ou de l'impossibilité d'utilisation de ce produit, et ce, même si la société Microsoft a été avisée de l'éventualité de tels dommages. Certains états/jurisdictions ne permettent pas l'exclusion ou la limitation de responsabilité relative aux dommages indirects ou consécutifs, et la limitation ci-dessus peut ne pas s'appliquer à votre égard. La présente Convention est régie par les lois de la province d'Ontario, Canada. Chacune des parties à la Convention reconnaît irrévocablement la compétence des tribunaux de la province d'Ontario et consent à instituer tout litige qui pourrait découler de la Convention auprès des tribunaux situés dans le district judiciaire de York, province d'Ontario.

Au cas où vous auriez des questions concernant cette licence ou que vous désiriez vous mettre en rapport avec Microsoft pour quelque raison que ce soit, veuillez contacter la succursale Microsoft desservant votre pays, dont l'adresse est fournie dans ce produit, ou écrire à: Microsoft Customer Sales and Service, One Microsoft Way, Redmond, Washington 98052-6399.
1.47 solid-core 2.2.0

1.47.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 488

modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15884.0 489
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

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

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

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

1.48 libusb 1.0.21

1.48.1 Available under license:

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.
10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries
If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
1.49.1 Available under license:
Copyright (c) 2009-2018 Petri Lehtinen <petri@digip.org>

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

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

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

1.50 libssh 1.9.0_DEV

1.50.1 Available under license:
/* Copyright (c) 2004-2007 Sara Golemon <sarag@libssh2.org>
 * Copyright (c) 2005,2006 Mikhail Gusarov <dottedmag@dottedmag.net>
 * Copyright (c) 2006-2007 The Written Word, Inc.
 * Copyright (c) 2007 Eli Fant <elifantu@mail.ru>
 * Copyright (c) 2009-2014 Daniel Stenberg
 * Copyright (c) 2008, 2009 Simon Josefsson
 * All rights reserved.
 *
 * Redistribution and use in source and binary forms,
 * with or without modification, are permitted provided
 * that the following conditions are met:
 * *
 * Redistributions of source code must retain the above
 * copyright notice, this list of conditions and the
 * following disclaimer.
 * *
 * Redistributions in binary form must reproduce the above
 * copyright notice, this list of conditions and the following
 * disclaimer in the documentation and/or other materials
 * provided with the distribution.
 * *
 * Neither the name of the copyright holder nor the names
 * of any other contributors may be used to endorse or
* promote products derived from this software without
* specific prior written permission.
*
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND
* CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES,
* INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR
* CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
* BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
* SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
* INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
* WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
* NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE
* USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY
* OF SUCH DAMAGE.
*/

1.51 protobuf 2.6.1
1.51.1 Available under license :

No license file was found, but licenses were detected in source scan.

# Licensed under the Apache License, Version 2.0 (the "License");
# you may not use this file except in compliance with the License.
# You may obtain a copy of the License at
#      http://www.apache.org/licenses/LICENSE-2.0
# distributed under the License is distributed on an "AS IS" BASIS,
# Copyright 2008 Google Inc. All rights reserved.
# Copyright 2008 Google Inc.  All rights reserved.
# Redistributions and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
# Redistributions of source code must retain the above copyright
# notice, this list of conditions and the following disclaimer.
# Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following disclaimer
# in the documentation and/or other materials provided with the
# Neither the name of Google Inc. nor the names of its
# this software without specific prior written permission.
# Copyright 2008 Google Inc. All Rights Reserved.

No license file was found, but licenses were detected in source scan.

* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/mox.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/stubout.py

No license file was found, but licenses were detected in source scan.

# Copyright 2008 Google Inc.  All rights reserved.
# Redistributio
Found in path(s):
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/type_checkers.py
No license file was found, but licenses were detected in source scan.

# Copyright 2008 Google Inc. All rights reserved.
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
# * Redistributions of source code must retain the above copyright
# notice, this list of conditions and the following disclaimer.
# * Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following disclaimer
# in the documentation and/or other materials provided with the
# * Neither the name of Google Inc. nor the names of its
# this software without specific prior written permission.
# Copyright 2009 Google Inc. All Rights Reserved.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/encoder.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/decoder.py
No license file was found, but licenses were detected in source scan.

License: New BSD License

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/PKG-INFO
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/protobuf.egg-info/PKG-INFO
No license file was found, but licenses were detected in source scan.

# Copyright 2008 Google Inc. All rights reserved.
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
# * Redistributions of source code must retain the above copyright
# notice, this list of conditions and the following disclaimer.
# * Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following disclaimer
# in the documentation and/or other materials provided with the
# * Neither the name of Google Inc. nor the names of its
# this software without specific prior written permission.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/message_factory_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/generator_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/unknown_fields_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/cpp_message.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/message_python_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/service.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/service_reflection.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/pyext/reflection_cpp2_generated_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/service_reflection_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/api_implementation_default_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/descriptor_database_test.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/internal/descriptor_python_test.py

No license file was found, but licenses were detected in source scan.

# Copyright 2008 Google Inc. All rights reserved.
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
# * Redistributions of source code must retain the above copyright
# notice, this list of conditions and the following disclaimer.
# * Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following disclaimer
# in the documentation and/or other materials provided with the
# * Neither the name of Google Inc. nor the names of its
# this software without specific prior written permission.
# Copyright 2012 Google Inc. All Rights Reserved.

Found in path(s):  
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/google/protobuf/message_factory.py

No license file was found, but licenses were detected in source scan.

license = 'New BSD License',

Found in path(s):  
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-2.6.1/setup.py

No license file was found, but licenses were detected in source scan.

// Copyright 2008 Google Inc. All rights reserved.
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// * Neither the name of Google Inc. nor the names of its
// this software without specific prior written permission.

Found in path(s):
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/repeated_scalar_container.cc
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/repeated_scalar_container.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/more_extensions_dynamic.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/proto2_api_test.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/extension_dict.cc
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/message.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/descriptor_pool_test2.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/factory_test2.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/more_messages.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/repeated_composite_container.cc
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/repeated_composite_container.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/python_protobuf.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/scopedPyObject_ptr.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/missing_enum_values.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/descriptor_pool_test1.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/extension_dict.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/internal/more_extensions.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/python.proto
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/extension_dict.h
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2.6.1/google/protobuf/pyext/python.proto
No license file was found, but licenses were detected in source scan.

```
# Copyright 2008 Google Inc. All rights reserved.
# Redistribution and use in source and binary forms, with or without
# modification, are permitted provided that the following conditions are
# * Redistributions of source code must retain the above copyright
# notice, this list of conditions and the following disclaimer.
# * Redistributions in binary form must reproduce the above
# copyright notice, this list of conditions and the following disclaimer
# in the documentation and/or other materials provided with the
# * Neither the name of Google Inc. nor the names of its
# # this software without specific prior written permission.
# # Copyright 2007 Google Inc. All Rights Reserved.
```

Found in path(s):
```
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-
2.6.1/google/protobuf/text_format.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-
2.6.1/google/protobuf/descriptor.py
* /opt/ws_local/PERMITS_SQL/1034159791_1592893712.64/0/protobuf-2-6-1-tar-gz/protobuf-
2.6.1/google/protobuf/internal/python_message.py
```

1.52 logofx-client-mvvm-model 2.0.0

1.52.1 Available under license:
The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

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

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

**1.53 system-valuetuple 4.6.26515.06**

**1.53.1 Available under license:**

The MIT License (MIT)

Copyright (c) Microsoft Corporation

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

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

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

**1.54 jetbrains-annotations 11.0.0**

**1.54.1 Available under license:**

MIT License

Copyright (c) 2016 JetBrains http://www.jetbrains.com

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

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

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

1.55 direct3d 10.0.17134.12

1.55.1 Available under license:
The MIT License (MIT)

Copyright (c) 2016-2019 Microsoft Corp

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

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

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

1.56 openh264 1.9.0

1.56.1 Available under license:
# Contributors to the OpenH264 project

Patrick Ai
Copyright (c) 2013, Cisco Systems
All rights reserved.

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

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

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

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

1.57 tiny-xml 2.6.2
1.57.1 Available under license :
/*
 www.sourceforge.net/projects/tinymce
 Original code (2.0 and earlier )copyright (c) 2000-2006 Lee Thomason (www.grinninglizard.com)

This software is provided 'as-is', without any express or implied
warranty. In no event will the authors be held liable for any
damages arising from the use of this software.

Permission is granted to anyone to use this software for any
purpose, including commercial applications, and to alter it and
redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must
not claim that you wrote the original software. If you use this
software in a product, an acknowledgment in the product documentation
would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and
must not be misrepresented as being the original software.
1.58 flutter 1.4.0
1.58.1 Available under license:

```dart
part 'License.g.dart';

@_jsonSerializable()
class License {
  String name;

  License(this.name);

  factory License.fromJson(Map<String, dynamic> json) {
    return License(json['name'] as String);
  }

  Map<String, dynamic> toJson() {
    return {'name': name};
  }
}
```

Apache License
Version 2.0, January 2004
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and
(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.59 hunspell 1.7.0
1.59.1 Available under license :

/*
 * Copyright 2002 Kevin B. Hendricks, Stratford, Ontario, Canada
 * And Contributors.  All rights reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 *    notice, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
 *    notice, this list of conditions and the following disclaimer in the
 *    documentation and/or other materials provided with the distribution.
 *
 * 3. All modifications to the source code must be clearly marked as
 *    such.  Binary redistributions based on modified source code
 *    must be clearly marked as modified versions in the documentation
 *    and/or other materials provided with the distribution.
 *
 * THIS SOFTWARE IS PROVIDED BY KEVIN B. HENDRICKS AND CONTRIBUTORS
 * "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
 * LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS
 * FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL
 * KEVIN B. HENDRICKS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
 * INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING,
 * BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
 * LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
 * HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
 * LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
 * OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
 * SUCH DAMAGE.
 *
 *
 * NOTE: A special thanks and credit goes to Geoff Kuenning
 * the creator of ispell. MySpell's affix algorithms were
based on those of ispell which should be noted is
* copyright Geoff Kuenning et.al. and now available
* under a BSD style license. For more information on ispell
* and affix compression in general, please see:
* http://www.cs.ucla.edu/ficus-members/geoff/ispell.html
* (the home page for ispell)
*
* An almost complete rewrite of MySpell for use by
* the Mozilla project has been developed by David Einstein
* (Deinst@world.std.com). David and I are now
* working on parallel development tracks to help
* our respective projects (Mozilla and OpenOffice.org
* and we will maintain full affix file and dictionary
* file compatibility and work on merging our versions
* of MySpell back into a single tree. David has been
* a significant help in improving MySpell.
*
* Special thanks also go to La'szlo' Ne'meth
* <nemethl@gyorsposta.hu> who is the author of the
* Hungarian dictionary and who developed and contributed
* the code to support compound words in MySpell
* and fixed numerous problems with the encoding
* case conversion tables.
* *
* /

MOZILLA PUBLIC LICENSE
Version 1.1

-------------

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the
Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to
the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original
Code, prior Modifications used by a Contributor, and the Modifications
made by that particular Contributor.

1.3. "Covered Code" means the Original Code or Modifications or the
combination of the Original Code and Modifications, in each case
including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally
accepted in the software development community for the electronic
transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:

   A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.

   B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity
exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.
The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant.
Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license

(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and
(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for
ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications.
You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters
(a) Third Party Claims.
If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs.
If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.
Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.

3.5. Required Notices.
You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s)
You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions.
You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works.
You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.
If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with
the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions.
Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions.
Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works.
If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)

7. DISCLAIMER OF WARRANTY.

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT.
THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION.

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

(a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

(b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent
infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY’S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS.


11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be
subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.

12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. MULTIPLE-LICENSED CODE.

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the NPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

EXHIBIT A -Mozilla Public License.

```
The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is ____________________________.

The Initial Developer of the Original Code is ________________________.
Portions created by ______________________ are Copyright (C) ______ ___________________________. All Rights Reserved.

Contributor(s): ________________________________.

Alternatively, the contents of this file may be used under the terms
of the _____ license (the "[___] License"), in which case the provisions of [____] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [____] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [___] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [___] License.”

[NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.]

/* ***** BEGIN LICENSE BLOCK *****
* Version: MPL 1.1/GPL 2.0/LGPL 2.1
*
* Copyright (C) 2002-2017 Nmeth Lszl
*
* The contents of this file are subject to the Mozilla Public License Version
* 1.1 (the "License"); you may not use this file except in compliance with
* the License. You may obtain a copy of the License at
* http://www.mozilla.org/MPL/
*
* Software distributed under the License is distributed on an "AS IS" basis,
* WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License
* for the specific language governing rights and limitations under the
* License.
*
* Hunspell is based on MySpell which is Copyright (C) 2002 Kevin Hendricks.
*
* Contributor(s):
* David Einstein
* Davide Prina
* Giuseppe Modugno
* Gianluca Turconi
* Simon Brouwer
* Noll Jnos
* Br rpdi
* Goldman Eleonra
* Sarls Tams
* Bencs*Boldizsr
* Halcsy Pter
* Dvornik Lszl
* Gefferth Andrs
* Nagy Viktor
* Varga Dniei
* Chris Halls
* Rene Engelhard
* Bram Moolenaar
* Dafydd Jones
* Harri Pitknen
* Andras Timar
* Tor Lillqvist
*

* Alternatively, the contents of this file may be used under the terms of
  * either the GNU General Public License Version 2 or later (the "GPL"), or
  * the GNU Lesser General Public License Version 2.1 or later (the "LGPL"),
  * in which case the provisions of the GPL or the LGPL are applicable instead
  * of those above. If you wish to allow use of your version of this file only
  * under the terms of either the GPL or the LGPL, and not to allow others to
  * use your version of this file under the terms of the MPL, indicate your
  * decision by deleting the provisions above and replace them with the notice
  * and other provisions required by the GPL or the LGPL. If you do not delete
  * the provisions above, a recipient may use your version of this file under
  * the terms of any one of the MPL, the GPL or the LGPL.
*

* ***** END LICENSE BLOCK ***** */

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author’s protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors’ reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone’s free use or not licensed at all.

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

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program).
Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

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

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

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

   b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

   These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

   Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

   a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

   b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

   c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program
except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed
through that system in reliance on consistent application of that
system; it is up to the author/donor to decide if he or she is willing
to distribute software through any other system and a licensee cannot
impose that choice.

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

8. If the distribution and/or use of the Program is restricted in
certain countries either by patents or by copyrighted interfaces, the
original copyright holder who places the Program under this License
may add an explicit geographical distribution limitation excluding
those countries, so that distribution is permitted only in or among
countries not thus excluded. In such case, this License incorporates
the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions
of the General Public License from time to time. Such new versions will
be similar in spirit to the present version, but may differ in detail to
address new problems or concerns.

Each version is given a distinguishing version number. If the Program
specifies a version number of this License which applies to it and "any
later version", you have the option of following the terms and conditions
either of that version or of any later version published by the Free
Software Foundation. If the Program does not specify a version number of
this License, you may choose any version ever published by the Free Software
Foundation.

10. If you wish to incorporate parts of the Program into other free
programs whose distribution conditions are different, write to the author
to ask for permission. For software which is copyrighted by the Free
Software Foundation, write to the Free Software Foundation; we sometimes
make exceptions for this. Our decision will be guided by the two goals
of preserving the free status of all derivatives of our free software and
of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY
FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN
OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES
PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED
OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS
TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE
PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING,
REPAIR OR CORRECTION.
12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR
REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES,
INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING
OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED
TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY
YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER
PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE
POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 545
This is free software, and you are welcome to redistribute it
under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate
parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301  USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL.  It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.
When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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

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

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

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob` (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
(a) You must give any other recipients of the Work or
Derivative Works a copy of this License; and

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

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

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

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

1.61 plcrashreporter 2.0.3
1.61.1 Available under license:

Except as noted below, PLCrashReporter is provided under the
following license:

Copyright (c) 2008 - 2014 Plausible Labs Cooperative, Inc.
All rights reserved.

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

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

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

Additional contributions have been made under the same license terms
as above, with copyright held by their respective authors:
The protobuf-c library, as well as the PLCrashLogWriterEncoding.c file are licensed as follows:

Copyright 2008, Dave Benson.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0 Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.
in the documentation and/or other materials provided with the
distribution.

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

The code generated by the protoc-gen-c code generator and by the
protoc-c compiler is owned by the owner of the input files used when
generating it. This code is not standalone and requires a support
library to be linked with it. This support library is covered by the
above license.

=========================================
END OF Protobuf-c NOTICES AND INFORMATION
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form,
including but not limited to compiled object code, generated documentation, and conversions to other media types.
"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.62 curl 7.66.0

1.62.1 Available under license:
License Mixing

libcurl can be built to use a fair amount of various third party libraries,
libraries that are written and provided by other parties that are distributed
using their own licenses. Even libcurl itself contains code that may cause
problems to some. This document attempts to describe what licenses libcurl and
the other libraries use and what possible dilemmas linking and mixing them all
can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html)
licensed code is not allowed to be linked with code licensed under the
[Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the
announcement clause). You may still build your own copies that use them all,
but distributing them as binaries would be to violate the GPL license - unless
you accompany your license with an
[exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This
particular problem was addressed when the [Modified BSD
license](https://opensource.org/licenses/BSD-3-Clause) was created, which does
not have the announcement clause that collides with GPL.
## libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

## OpenSSL

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

(May be used for SSL/TLS support) Uses the [LGPL](https://www.gnu.org/licenses/lgpl.html) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

## WolfSSL

(May be used for SSL/TLS support) Uses the GPL license or a proprietary license. If this is a problem for you, consider using another TLS library.

## NSS

(May be used for SSL/TLS support) Is covered by the [MPL](https://www.mozilla.org/MPL/) license, the GPL license and the LGPL license. You may choose to license the code under MPL terms, GPL terms, or LGPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

## mbedTLS

(May be used for SSL/TLS support) Uses the [Apache 2.0 license](https://opensource.org/licenses/Apache-2.0) or the GPL license. You may choose to license the code under Apache 2.0 terms or GPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

## BoringSSL

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same
license as that.

## libressl

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

## libidn

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships
OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2019, Daniel Stenberg, <daniel@haxx.se>, and many contributors, see the THANKS file.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

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

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

1.63 log4net-ext-json 1.2.13.29

1.63.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.
2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.64 blink 73.0.3683.75
1.64.1 Available under license:

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

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

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

1.65 libvorbis 1.3.6

1.65.1 Available under license:

Copyright (c) 2002-2018 Xiph.org Foundation

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

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

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

- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.66 log4net 2.0.8.0-.NET
1.66.1 Available under license:
   Apache License
   Version 2.0, January 2004
   http://www.apache.org/licenses/

   TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation,
"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.
5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

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

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

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

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

END OF TERMS AND CONDITIONS
APPENDIX: How to apply the Apache License to your work.

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

Copyright [yyyy] [name of copyright owner]

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

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

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

Apache log4net
Copyright 2004-2017 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

1.67 microsoft-xaml-behaviors-wpf
3.0.40218.0
1.67.1 Available under license :

The MIT License (MIT)

Copyright (c) 2015 Microsoft

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

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

1.68 ssziparchive 0.2.3
1.68.1 Available under license :

Copyright (c) 2010-2011 Sam Soffes

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Copyright (c) 2010-2012 Sam Soffes

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

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.69 curl 7.64.0

1.69.1 Available under license:

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2019, Daniel Stenberg, <daniel@haxx.se>, and many contributors, see the THANKS file.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

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

Except as contained in this notice, the name of a copyright holder shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

License Mixing

============

libcurl can be built to use a fair amount of various third party libraries, libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the
[Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

## libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

## OpenSSL

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it “incompatible” with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

(May be used for SSL/TLS support) Uses the [LGPL](https://www.gnu.org/licenses/lgpl.html) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

## WolfSSL

(May be used for SSL/TLS support) Uses the GPL license or a proprietary license. If this is a problem for you, consider using another TLS library.

## NSS

(May be used for SSL/TLS support) Is covered by the [MPL](https://www.mozilla.org/MPL/) license, the GPL license and the LGPL license. You may choose to license the code under MPL terms, GPL terms, or LGPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

## mbedTLS

(May be used for SSL/TLS support) Uses the [Apache 2.0 license](https://opensource.org/licenses/Apache-2.0)
You may choose to license the code under Apache 2.0 terms or GPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

## BoringSSL

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## libressl

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal

(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

## libidn

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes
this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

### 1.70 json-c 0.13.1

#### 1.70.1 Available under license:

Copyright (c) 2009-2012 Eric Haszlakiewicz

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

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

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

----------------------------------------------------------------

Copyright (c) 2004, 2005 Metaparadigm Pte Ltd

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

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

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

1.71 libpng 1.6.35

1.71.1 Available under license:

GNU GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.
For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's
source code as you receive it, in any medium, provided that you
conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License
along with the Program.

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

2. You may modify your copy or copies of the Program or any portion
of it, thus forming a work based on the Program, and copy and
distribute such modifications or work under the terms of Section 1
above, provided that you also meet all of these conditions:

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

   b) You must cause any work that you distribute or publish, that in
      whole or in part contains or is derived from the Program or any
      part thereof, to be licensed as a whole at no charge to all third
      parties under the terms of this License.

   c) If the modified program normally reads commands interactively
      when run, you must cause it, when started running for such
      interactive use in the most ordinary way, to print or display an
      announcement including an appropriate copyright notice and a
      notice that there is no warranty (or else, saying that you provide
      a warranty) and that users may redistribute the program under
      these conditions, and telling the user how to view a copy of this
      License.  (Exception: if the Program itself is interactive but
      does not normally print such an announcement, your work based on
      the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If
identifiable sections of that work are not derived from the Program,
and can be reasonably considered independent and separate works in
themselves, then this License, and its terms, do not apply to those
sections when you distribute them as separate works. But when you
distribute the same sections as part of a whole which is a work based
on the Program, the distribution of the whole must be on the terms of
this License, whose permissions for other licensees extend to the
entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest
your rights to work written entirely by you; rather, the intent is to
exercise the right to control the distribution of derivative or
collective works based on the Program.
In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License.
However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR
REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

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

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

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w` and `show c` should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w` and `show c`; they could even be mouse-clicks or menu items—whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE
=========================================

PNG Reference Library License version 2
-------------------------------------

* Copyright (c) 1995-2019 The PNG Reference Library Authors.
* Copyright (c) 2018-2019 Cosmin Truta.
* Copyright (c) 1996-1997 Andreas Dilger.
* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented: you
must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

-----------------------------------------------------------------------

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe
Google Inc.
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the “contrib” directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:
libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88,
and are distributed according to the same disclaimer and license as
libpng-0.88, with the following individuals added to the list of
Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners,
but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing
Authors and Group 42, Inc. disclaim all warranties, expressed or
implied, including, without limitation, the warranties of
merchantability and of fitness for any purpose. The Contributing
Authors and Group 42, Inc. assume no liability for direct, indirect,
incidental, special, exemplary, or consequential damages, which may
result from the use of the PNG Reference Library, even if advised of
the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.
2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

pnm2png / png2pnm --- conversion from PBM/PGM/PPM-file to PNG-file

copyright (C) 1999-2019 by Willem van Schaik <willem at schaik dot com>

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

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

The software is provided "as is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event shall the authors or copyright holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the software or the use or other dealings in the software.

---------------------------------------------------------------------------

Copyright (c) 1998-2008 Greg Roelofs. All rights reserved.

This software is provided "as is," without warranty of any kind, express or implied. In no event shall the author or contributors be held liable for any damages arising in any way from the use of this software.

The contents of this file are DUAL-LICENSED. You may modify and/or redistribute this software according to the terms of one of the following two licenses (at your option):

LICENSE 1 ("BSD-like with advertising clause"): 

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. Redistributions of source code must retain the above copyright notice, disclaimer, and this list of conditions.
2. Redistributions in binary form must reproduce the above copyright notice, disclaimer, and this list of conditions in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:

   This product includes software developed by Greg Roelofs and contributors for the book, "PNG: The Definitive Guide," published by O'Reilly and Associates.

LICENSE 2 (GNU GPL v2 or later):

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

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

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

---------------------------------------------------------------------------

1.72 zlib 1.2.8

1.72.1 Available under license :

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

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.
Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

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

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

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

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

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

1.73 libjpeg 6b
1.73.1 Notifications:
This software is based in part on the work of the Independent JPEG Group.
1.73.2 Available under license:

The Independent JPEG Group's JPEG software

==========================================

README for release 6b of 27-Mar-1998

=====================================

This distribution contains the sixth public release of the Independent JPEG Group's free JPEG software. You are welcome to redistribute this software and to use it for any purpose, subject to the conditions under LEGAL ISSUES, below.

Serious users of this software (particularly those incorporating it into larger programs) should contact IJG at jpeg-info@uunet.uu.net to be added to our electronic mailing list. Mailing list members are notified of updates and have a chance to participate in technical discussions, etc.

This software is the work of Tom Lane, Philip Gladstone, Jim Boucher, Lee Crocker, Julian Minguillon, Luis Ortiz, George Phillips, Davide Rossi, Guido Vollbeding, Ge' Weijers, and other members of the Independent JPEG Group.

IJG is not affiliated with the official ISO JPEG standards committee.

DOCUMENTATION ROADMAP

This file contains the following sections:

OVERVIEW General description of JPEG and the IJG software.
LEGAL ISSUES Copyright, lack of warranty, terms of distribution.
REFERENCES Where to learn more about JPEG.
ARCHIVE LOCATIONS Where to find newer versions of this software.
RELATED SOFTWARE Other stuff you should get.
FILE FORMAT WARS Software *not* to get.
TO DO Plans for future IJG releases.

Other documentation files in the distribution are:

User documentation:
install.doc How to configure and install the IJG software.
usage.doc Usage instructions for cjpeg, djpeg, jpegtran,
rdjpgcom, and wrjpgcom.
*.1 Unix-style man pages for programs (same info as usage.doc).
wizard.doc Advanced usage instructions for JPEG wizards only.
change.log Version-to-version change highlights.

Programmer and internal documentation:
libjpeg.doc How to use the JPEG library in your own programs.
example.c     Sample code for calling the JPEG library.
structure.doc  Overview of the JPEG library's internal structure.
filelist.doc   Road map of IJG files.
coderules.doc  Coding style rules --- please read if you contribute code.

Please read at least the files install.doc and usage.doc. Useful information can also be found in the JPEG FAQ (Frequently Asked Questions) article. See ARCHIVE LOCATIONS below to find out where to obtain the FAQ article.

If you want to understand how the JPEG code works, we suggest reading one or more of the REFERENCES, then looking at the documentation files (in roughly the order listed) before diving into the code.

OVERVIEW
========

This package contains C software to implement JPEG image compression and decompression. JPEG (pronounced "jay-peg") is a standardized compression method for full-color and gray-scale images. JPEG is intended for compressing "real-world" scenes; line drawings, cartoons and other non-realistic images are not its strong suit. JPEG is lossy, meaning that the output image is not exactly identical to the input image. Hence you must not use JPEG if you have to have identical output bits. However, on typical photographic images, very good compression levels can be obtained with no visible change, and remarkably high compression levels are possible if you can tolerate a low-quality image. For more details, see the references, or just experiment with various compression settings.

This software implements JPEG baseline, extended-sequential, and progressive compression processes. Provision is made for supporting all variants of these processes, although some uncommon parameter settings aren't implemented yet. For legal reasons, we are not distributing code for the arithmetic-coding variants of JPEG; see LEGAL ISSUES. We have made no provision for supporting the hierarchical or lossless processes defined in the standard.

We provide a set of library routines for reading and writing JPEG image files, plus two sample applications "cjpeg" and "djjpeg", which use the library to perform conversion between JPEG and some other popular image file formats. The library is intended to be reused in other applications.

In order to support file conversion and viewing software, we have included considerable functionality beyond the bare JPEG coding/decoding capability; for example, the color quantization modules are not strictly part of JPEG decoding, but they are essential for output to colormapped file formats or colormapped displays. These extra functions can be compiled out of the library if not required for a particular application. We have also included "jpegtran", a utility for lossless transcoding between different JPEG
processes, and "rdjpgcom" and "wrjpgcom", two simple applications for
inserting and extracting textual comments in JFIF files.

The emphasis in designing this software has been on achieving portability and
flexibility, while also making it fast enough to be useful. In particular,
the software is not intended to be read as a tutorial on JPEG. (See the
REFERENCES section for introductory material.) Rather, it is intended to
be reliable, portable, industrial-strength code. We do not claim to have
achieved that goal in every aspect of the software, but we strive for it.

We welcome the use of this software as a component of commercial products.
No royalty is required, but we do ask for an acknowledgement in product
documentation, as described under LEGAL ISSUES.

LEGAL ISSUES
==============

In plain English:

1. We don't promise that this software works. (But if you find any bugs,
   please let us know!)
2. You can use this software for whatever you want. You don't have to pay us.
3. You may not pretend that you wrote this software. If you use it in a
   program, you must acknowledge somewhere in your documentation that
   you've used the IJG code.

In legalese:

The authors make NO WARRANTY or representation, either express or implied,
with respect to this software, its quality, accuracy, merchantability, or
fitness for a particular purpose. This software is provided "AS IS", and you,
its user, assume the entire risk as to its quality and accuracy.

This software is copyright (C) 1991-1998, Thomas G. Lane.
All Rights Reserved except as specified below.

Permission is hereby granted to use, copy, modify, and distribute this
software (or portions thereof) for any purpose, without fee, subject to these
conditions:
(1) If any part of the source code for this software is distributed, then this
README file must be included, with this copyright and no-warranty notice
unaltered; and any additions, deletions, or changes to the original files
must be clearly indicated in accompanying documentation.
(2) If only executable code is distributed, then the accompanying
documentation must state that "this software is based in part on the work of
the Independent JPEG Group".
(3) Permission for use of this software is granted only if the user accepts
full responsibility for any undesirable consequences; the authors accept
NO LIABILITY for damages of any kind.

These conditions apply to any software derived from or based on the IJG code,
not just to the unmodified library. If you use our work, you ought to
acknowledge us.

Permission is NOT granted for the use of any IJG author's name or company name
in advertising or publicity relating to this software or products derived from
it. This software may be referred to only as "the Independent JPEG Group's
software".

We specifically permit and encourage the use of this software as the basis of
commercial products, provided that all warranty or liability claims are
assumed by the product vendor.

ansi2knr.c is included in this distribution by permission of L. Peter Deutsch,
sole proprietor of its copyright holder, Aladdin Enterprises of Menlo Park, CA.
ansi2knr.c is NOT covered by the above copyright and conditions, but instead
by the usual distribution terms of the Free Software Foundation; principally,
that you must include source code if you redistribute it. (See the file
ansi2knr.c for full details.) However, since ansi2knr.c is not needed as part
of any program generated from the IJG code, this does not limit you more than
the foregoing paragraphs do.

The Unix configuration script "configure" was produced with GNU Autoconf.
It is copyright by the Free Software Foundation but is freely distributable.
The same holds for its supporting scripts (config.guess, config.sub,
ltnconfig, ltmain.sh). Another support script, install-sh, is copyright
by M.I.T. but is also freely distributable.

It appears that the arithmetic coding option of the JPEG spec is covered by
patents owned by IBM, AT&T, and Mitsubishi. Hence arithmetic coding cannot
legally be used without obtaining one or more licenses. For this reason,
support for arithmetic coding has been removed from the free JPEG software.
(Since arithmetic coding provides only a marginal gain over the unpatented
Huffman mode, it is unlikely that very many implementations will support it.)
So far as we are aware, there are no patent restrictions on the remaining
code.

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
resulting GIF files are larger than usual, but are readable by all standard
GIF decoders.
We are required to state that
"The Graphics Interchange Format(c) is the Copyright property of
CompuServe Incorporated. GIF(sm) is a Service Mark property of
CompuServe Incorporated."

REFERENCES
=========

We highly recommend reading one or more of these references before trying to
understand the innards of the JPEG software.

The best short technical introduction to the JPEG compression algorithm is
Wallace, Gregory K. "The JPEG Still Picture Compression Standard",
Communications of the ACM, April 1991 (vol. 34 no. 4), pp. 30-44.
(Adjacent articles in that issue discuss MPEG motion picture compression,
applications of JPEG, and related topics.) If you don't have the CACM issue
handy, a PostScript file containing a revised version of Wallace's article is
available at ftp://ftp.uu.net/graphics/jpeg/wallace.ps.gz. The file (actually
a preprint for an article that appeared in IEEE Trans. Consumer Electronics)
omits the sample images that appeared in CACM, but it includes corrections
and some added material. Note: the Wallace article is copyright ACM and IEEE,
and it may not be used for commercial purposes.

A somewhat less technical, more leisurely introduction to JPEG can be found in
"The Data Compression Book" by Mark Nelson and Jean-loup Gailly, published by
good explanations and example C code for a multitude of compression methods
including JPEG. It is an excellent source if you are comfortable reading C
code but don't know much about data compression in general. The book's JPEG
sample code is far from industrial-strength, but when you are ready to look
at a full implementation, you've got one here...

The best full description of JPEG is the textbook "JPEG Still Image Data
Compression Standard" by William B. Pennebaker and Joan L. Mitchell, published
The book includes the complete text of the ISO JPEG standards (DIS 10918-1
and draft DIS 10918-2). This is by far the most complete exposition of JPEG
in existence, and we highly recommend it.

The JPEG standard itself is not available electronically; you must order a
paper copy through ISO or ITU. (Unless you feel a need to own a certified
official copy, we recommend buying the Pennebaker and Mitchell book instead;
it's much cheaper and includes a great deal of useful explanatory material.)
In the USA, copies of the standard may be ordered from ANSI Sales at (212)
642-4900, or from Global Engineering Documents at (800) 854-7179. (ANSI
doesn't take credit card orders, but Global does.) It's not cheap: as of
1992, ANSI was charging $95 for Part 1 and $47 for Part 2, plus 7%

Some extensions to the original JPEG standard are defined in JPEG Part 3, a newer ISO standard numbered ISO/IEC IS 10918-3 and ITU-T T.84. IJG currently does not support any Part 3 extensions.

The JPEG standard does not specify all details of an interchangeable file format. For the omitted details we follow the "JFIF" conventions, revision 1.02. A copy of the JFIF spec is available from:

Literature Department
C-Cube Microsystems, Inc.
1778 McCarthy Blvd.
Milpitas, CA 95035
phone (408) 944-6300, fax (408) 944-6314
A PostScript version of this document is available by FTP at ftp://ftp.uu.net/graphics/jpeg/jfif.ps.gz. There is also a plain text version at ftp://ftp.uu.net/graphics/jpeg/jfif.txt.gz, but it is missing the figures.

The TIFF 6.0 file format specification can be obtained by FTP from ftp://ftp.sgi.com/graphics/tiff/TIFF6.ps.gz. The JPEG incorporation scheme found in the TIFF 6.0 spec of 3-June-92 has a number of serious problems. IJG does not recommend use of the TIFF 6.0 design (TIFF Compression tag 6). Instead, we recommend the JPEG design proposed by TIFF Technical Note #2 (Compression tag 7). Copies of this Note can be obtained from ftp.sgi.com or from ftp://ftp.uu.net/graphics/jpeg/. It is expected that the next revision of the TIFF spec will replace the 6.0 JPEG design with the Note's design. Although IJG's own code does not support TIFF/JPEG, the free libtiff library uses our library to implement TIFF/JPEG per the Note. libtiff is available from ftp://ftp.sgi.com/graphics/tiff/.

ARCHIVE LOCATIONS

The "official" archive site for this software is ftp.uu.net (Internet address 192.48.96.9). The most recent released version can always be found there in directory graphics/jpeg. This particular version will be archived as ftp://ftp.uu.net/graphics/jpeg/jpegsrc.v6b.tar.gz. If you don't have direct Internet access, UUNET's archives are also available via UUCP; contact help@uunet.uu.net for information on retrieving files that way.
Numerous Internet sites maintain copies of the UUNET files. However, only ftp.uu.net is guaranteed to have the latest official version.

You can also obtain this software in DOS-compatible "zip" archive format from the SimTel archives (ftp://ftp.simtel.net/pub/simtelnet/msdos/graphics/), or on CompuServe in the Graphics Support forum (GO CIS:GRAPHSUP), library 12 "JPEG Tools". Again, these versions may sometimes lag behind the ftp.uu.net release.

The JPEG FAQ (Frequently Asked Questions) article is a useful source of general information about JPEG. It is updated constantly and therefore is not included in this distribution. The FAQ is posted every two weeks to Usenet newsgroups comp.graphics.misc, news.answers, and other groups. It is available on the World Wide Web at http://www.faqs.org/faqs/jpeg-faq/ and other news.answers archive sites, including the official news.answers archive at rtfm.mit.edu: ftp://rtfm.mit.edu/pub/usenet/news.answers/jpeg-faq/.

If you don't have Web or FTP access, send e-mail to mail-server@rtfm.mit.edu with body
send usenet/news.answers/jpeg-faq/part1
send usenet/news.answers/jpeg-faq/part2

RELATED SOFTWARE

Numerous viewing and image manipulation programs now support JPEG. (Quite a few of them use this library to do so.) The JPEG FAQ described above lists some of the more popular free and shareware viewers, and tells where to obtain them on Internet.

If you are on a Unix machine, we highly recommend Jef Poskanzer's free PBMPLUS software, which provides many useful operations on PPM-format image files. In particular, it can convert PPM images to and from a wide range of other formats, thus making cjpeg/djpeg considerably more useful. The latest version is distributed by the NetPBM group, and is available from numerous sites, notably ftp://wuarchive.wustl.edu/graphics/graphics/packages/NetPBM/.

Unfortunately PBMPLUS/NETPBM is not nearly as portable as the IJG software is; you are likely to have difficulty making it work on any non-Unix machine.

A different free JPEG implementation, written by the PVRG group at Stanford, is available from ftp://havefun.stanford.edu/pub/jpeg/. This program is designed for research and experimentation rather than production use; it is slower, harder to use, and less portable than the IJG code, but it is easier to read and modify. Also, the PVRG code supports lossless JPEG, which we do not. (On the other hand, it doesn't do progressive JPEG.)

FILE FORMAT WARS
Some JPEG programs produce files that are not compatible with our library. The root of the problem is that the ISO JPEG committee failed to specify a concrete file format. Some vendors "filled in the blanks" on their own, creating proprietary formats that no one else could read. (For example, none of the early commercial JPEG implementations for the Macintosh were able to exchange compressed files.)

The file format we have adopted is called JFIF (see REFERENCES). This format has been agreed to by a number of major commercial JPEG vendors, and it has become the de facto standard. JFIF is a minimal or "low end" representation. We recommend the use of TIFF/JPEG (TIFF revision 6.0 as modified by TIFF Technical Note #2) for "high end" applications that need to record a lot of additional data about an image. TIFF/JPEG is fairly new and not yet widely supported, unfortunately.

The upcoming JPEG Part 3 standard defines a file format called SPIFF. SPIFF is interoperable with JFIF, in the sense that most JFIF decoders should be able to read the most common variant of SPIFF. SPIFF has some technical advantages over JFIF, but its major claim to fame is simply that it is an official standard rather than an informal one. At this point it is unclear whether SPIFF will supersede JFIF or whether JFIF will remain the de-facto standard. IJG intends to support SPIFF once the standard is frozen, but we have not decided whether it should become our default output format or not. (In any case, our decoder will remain capable of reading JFIF indefinitely.)

Various proprietary file formats incorporating JPEG compression also exist. We have little or no sympathy for the existence of these formats. Indeed, one of the original reasons for developing this free software was to help force convergence on common, open format standards for JPEG files. Don't use a proprietary file format!

TO DO
=====

The major thrust for v7 will probably be improvement of visual quality. The current method for scaling the quantization tables is known not to be very good at low Q values. We also intend to investigate block boundary smoothing, "poor man's variable quantization", and other means of improving quality-vs-file-size performance without sacrificing compatibility.

In future versions, we are considering supporting some of the upcoming JPEG Part 3 extensions --- principally, variable quantization and the SPIFF file format.

As always, speeding things up is of great interest.
1.74 jasper 0.69
1.74.1 Available under license :
Author: Oliver Grawert <ogra@canonical.com>

Copyright:

License (everything else):

Copyright (C) 2010 Canonical Ltd. <http://www.canonical.com/>

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

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

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

On Debian and Ubuntu systems, the complete text of the GNU General Public License
can be found in /usr/share/common-licenses/GPL file.

1.75 cef 73.0.3683.75
1.75.1 Available under license :
// Copyright (c) 2008-2014 Marshall A. Greenblatt. Portions Copyright (c)
// 2006-2009 Google Inc. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.
"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.76 sqlite 3.32.3

1.76.1 Available under license:

The author disclaims copyright to this source code. In place of a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.

1.77 curl 7.39.0

1.77.1 Available under license:

License Mixing

libcurl can be built to use a fair amount of various third party libraries,
libraries that are written and provided by other parties that are distributed using their own licenses. Even libcurl itself contains code that may cause problems to some. This document attempts to describe what licenses libcurl and the other libraries use and what possible dilemmas linking and mixing them all can lead to for end users.

I am not a lawyer and this is not legal advice!

One common dilemma is that [GPL](https://www.gnu.org/licenses/gpl.html) licensed code is not allowed to be linked with code licensed under the [Original BSD license](https://spdx.org/licenses/BSD-4-Clause.html) (with the announcement clause). You may still build your own copies that use them all, but distributing them as binaries would be to violate the GPL license - unless you accompany your license with an [exception](https://www.gnu.org/licenses/gpl-faq.html#GPLIncompatibleLibs). This particular problem was addressed when the [Modified BSD license](https://opensource.org/licenses/BSD-3-Clause) was created, which does not have the announcement clause that collides with GPL.

## libcurl

Uses an [MIT style license](https://curl.haxx.se/docs/copyright.html) that is very liberal.

## OpenSSL

(May be used for SSL/TLS support) Uses an Original BSD-style license with an announcement clause that makes it "incompatible" with GPL. You are not allowed to ship binaries that link with OpenSSL that includes GPL code (unless that specific GPL code includes an exception for OpenSSL - a habit that is growing more and more common). If OpenSSL's licensing is a problem for you, consider using another TLS library.

## GnuTLS

(May be used for SSL/TLS support) Uses the [LGPL](https://www.gnu.org/licenses/lgpl.html) license. If this is a problem for you, consider using another TLS library. Also note that GnuTLS itself depends on and uses other libs (libgcrypt and libgpg-error) and they too are LGPL- or GPL-licensed.

## WolfSSL

(May be used for SSL/TLS support) Uses the GPL license or a proprietary license. If this is a problem for you, consider using another TLS library.

## NSS
(May be used for SSL/TLS support) Is covered by the [MPL](https://www.mozilla.org/MPL/) license, the GPL license and the LGPL license. You may choose to license the code under MPL terms, GPL terms, or LGPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

## mbedTLS

(May be used for SSL/TLS support) Uses the [Apache 2.0 license](https://opensource.org/licenses/Apache-2.0) or the GPL license. You may choose to license the code under Apache 2.0 terms or GPL terms. These licenses grant you different permissions and impose different obligations. You should select the license that best meets your needs.

## BoringSSL

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## libressl

(May be used for SSL/TLS support) As an OpenSSL fork, it has the same license as that.

## BearSSL

(May be used for SSL/TLS support) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## c-ares

(Used for asynchronous name resolves) Uses an MIT license that is very liberal and imposes no restrictions on any other library or part you may link with.

## zlib

(Used for compressed Transfer-Encoding support) Uses an MIT-style license that shouldn't collide with any other library.

## MIT Kerberos

(May be used for GSS support) MIT licensed, that shouldn't collide with any other parts.

## Heimdal
(May be used for GSS support) Heimdal is Original BSD licensed with the announcement clause.

## GNU GSS

(May be used for GSS support) GNU GSS is GPL licensed. Note that you may not distribute binary curl packages that uses this if you build curl to also link and use any Original BSD licensed libraries!

## libidn

(Used for IDNA support) Uses the GNU Lesser General Public License [3]. LGPL is a variation of GPL with slightly less aggressive "copyleft". This license requires more requirements to be met when distributing binaries, see the license for details. Also note that if you distribute a binary that includes this library, you must also include the full LGPL license text. Please properly point out what parts of the distributed package that the license addresses.

## OpenLDAP

(Used for LDAP support) Uses a Modified BSD-style license. Since libcurl uses OpenLDAP as a shared library only, I have not heard of anyone that ships OpenLDAP linked with libcurl in an app.

## libssh2

(Used for scp and sftp support) libssh2 uses a Modified BSD-style license.

COPYRIGHT AND PERMISSION NOTICE

Copyright (c) 1996 - 2020, Daniel Stenberg, <daniel@haxx.se>, and many contributors, see the THANKS file.

All rights reserved.

Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

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

Except as contained in this notice, the name of a copyright holder shall not
be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization of the copyright holder.

1.78 solid-practices-ioc 2.2.0
1.78.1 Available under license:

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

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

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

1.79 automapper 5.2.0

1.79.1 Available under license :

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

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

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.
13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS
How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

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

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

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
Copyright (c) 2010 Jimmy Bogard

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

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

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

MSDN CODE GALLERY BINARY LICENSE

You are free to install, use, copy and distribute any number of copies of the software, in object code form, provided that you retain:

all copyright, patent, trademark, and attribution notices that are present in the software,
this list of conditions, and
the following disclaimer in the documentation and/or other materials provided with the software.

The software is licensed as-is. You bear the risk of using it. No express warranties, guarantees or conditions are provided. To the extent permitted under your local laws, the implied warranties of merchantability, fitness for a particular purpose and non-infringement are excluded.

This license does not grant you any rights to use any other party's name, logo, or trademarks. All rights not specifically granted herein are reserved.

StructureMap

Copyright 2004-2009 Jeremy D. Miller

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

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

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

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

Copyright (c) 2012-13 James Kovacs, Damian Hickey and Contributors

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
7-Zip

License for use and distribution

7-Zip Copyright (C) 1999-2010 Igor Pavlov.

Licenses for files are:

1) 7z.dll: GNU LGPL + unRAR restriction
2) All other files: GNU LGPL

The GNU LGPL + unRAR restriction means that you must follow both GNU LGPL rules and unRAR restriction rules.

Note:
You can use 7-Zip on any computer, including a computer in a commercial organization. You don't need to register or pay for 7-Zip.

GNU LGPL information

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

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

You can receive a copy of the GNU Lesser General Public License from http://www.gnu.org/

unRAR restriction

The decompression engine for RAR archives was developed using source code of unRAR program.
All copyrights to original unRAR code are owned by Alexander Roshal.

The license for original unRAR code has the following restriction:

The unRAR sources cannot be used to re-create the RAR compression algorithm, which is proprietary. Distribution of modified unRAR sources in separate form or as a part of other software is permitted, provided that it is clearly stated in the documentation and source comments that the code may not be used to develop a RAR (WinRAR) compatible archiver.

--
Igor Pavlov

This license governs use of the accompanying software. If you use the software, you accept this license. If you do not accept the license, do not use the software.

1. Definitions

The terms "reproduce," "reproduction," "derivative works," and "distribution" have the same meaning here as under U.S. copyright law.

A "contribution" is the original software, or any additions or changes to the software.

A "contributor" is any person that distributes its contribution under this license.

"Licensed patents" are a contributor's patent claims that read directly on its contribution.

2. Grant of Rights

(A) Copyright Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free copyright license to reproduce its contribution, prepare derivative works of its contribution, and distribute its contribution or any derivative works that you create.

(B) Patent Grant- Subject to the terms of this license, including the license conditions and limitations in section 3, each contributor grants you a non-exclusive, worldwide, royalty-free license under its licensed patents to make, have made, use, sell, offer for sale, import, and/or otherwise dispose of its contribution in the software or derivative works of the contribution in the software.

3. Conditions and Limitations

(A) No Trademark License- This license does not grant you rights to use any contributors' name, logo, or trademarks.

(B) If you bring a patent claim against any contributor over patents that you claim are infringed by the software, your patent license from such contributor to the software ends automatically.

(C) If you distribute any portion of the software, you must retain all copyright, patent, trademark, and attribution
notices that are present in the software.

(D) If you distribute any portion of the software in source code form, you may do so only under this license by including a complete copy of this license with your distribution. If you distribute any portion of the software in compiled or object code form, you may only do so under a license that complies with this license.

(E) The software is licensed "as-is." You bear the risk of using it. The contributors give no express warranties, guarantees or conditions. You may have additional consumer rights under your local laws which this license cannot change. To the extent permitted under your local laws, the contributors exclude the implied warranties of merchantability, fitness for a particular purpose and non-infringement.

See:

http://statlight.codeplex.com/license

1.80 logofx-client-bootstrapping-core 2.0.0

1.80.1 Available under license:

The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

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

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

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

1.81 system-reactive 4.1.5

1.81.1 Available under license:

Copyright (c) .NET Foundation and Contributors
All Rights Reserved

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

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

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

1.82 libvpx 1.7.0-1676-g9ecc0e779a

1.82.1 Available under license:

Copyright 2011 The LibYuv Project Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2010, The WebM Project authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google, nor the WebM Project, nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2010, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Testing Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com>
Balzs Dn <balazs.dan@gmail.com>
Bharat Mediratta <bharat@menalto.com>
Chandler Carruth <chandlerc@google.com>
Chris Prince <cprince@google.com>
Chris Taylor <taylorc@google.com>
Dan Egnor <egnor@google.com>
Eric Roman <eroman@chromium.org>
Hady Zalek <hady.zalek@gmail.com>
Jeffrey Yasskin <jyasskin@gmail.com>
Ji Sigursson <joi@gmail.com>
Keir Mierle <mierle@gmail.com>
Keith Ray <keith.ray@gmail.com>
Kenton Varda <kenton@google.com>
Manuel Klimek <klimek@google.com>
Markus Heule <markus.heule@gmail.com>
Mika Raento <mikie@iki.fi>
Mikls Fazekas <mfazekas@szemafor.com>
Pasi Valminen <pasi.valminen@gmail.com>
Patrick Hanna <phanna@gmail.com>
Patrick Riley <spfr@google.com>
Peter Kaminski <piotrk@gmail.com>
Preston Jackson <preston.a.jackson@gmail.com>
Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>
Russ Cox <rscc@google.com>
Russ Rufer <ruu@google.com>
Sean Mcafee <eefacm@gmail.com>
Sigurur sgeirsson <siggi@google.com>
Tracy Bialik <tracy@pentad.com>
Vadim Berman <vadimb@gmail.com>
Vlad Losev <vladl@gmail.com>
Zhanyong Wan <wan@gmail.com>

Authors: Loren Merritt <lorenm@u.washington.edu>
        Anton Mitrofanov <BugMaster@narod.ru>
Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

Copyright 2008, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.83 nghttp2 1.39.2
1.83.1 Available under license:

The MIT License

Copyright (c) 2012, 2014, 2015, 2016 Tatsuhiro Tsujikawa
Copyright (c) 2012, 2014, 2015, 2016 nghttp2 contributors

Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
distribute, sublicense, and/or sell copies of the Software, and to
permit persons to whom the Software is furnished to do so, subject to
the following conditions:

The above copyright notice and this permission notice shall be
included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE
LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION
OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION
WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

See COPYING
This software is licensed under the MIT License.

Copyright Fedor Indutny, 2018.

Permission is hereby granted, free of charge, to any person obtaining a
copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including
without limitation the rights to use, copy, modify, merge, publish,
distribute, sublicense, and/or sell copies of the Software, and to permit
persons to whom the Software is furnished to do so, subject to the
following conditions:

The above copyright notice and this permission notice shall be included
in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS
OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN
NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM,
DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR
OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE
USE OR OTHER DEALINGS IN THE SOFTWARE.
If not otherwise noted, the extensions in this package are licensed under the following license.

Copyright (c) 2010 by the contributors (see AUTHORS file). All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright Joyent, Inc. and other Node contributors.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
1.84 skia m73

1.84.1 Available under license:

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement You may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
// Copyright (c) 2008-2014 Marshall A. Greenblatt. Portions Copyright (c)
// 2006-2009 Google Inc. All rights reserved.

// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
//   notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
//   copyright notice, this list of conditions and the following disclaimer
//   in the documentation and/or other materials provided with the
//   distribution.
// * Neither the name of Google Inc. nor the name Chromium Embedded
// Framework nor the names of its contributors may be used to endorse
// or promote products derived from this software without specific prior
// written permission.

// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
// LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
// DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
// THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
// (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
// OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
1.85 tidy 5.7.24

1.85.1 Available under license:

# HTML Tidy

## HTML parser and pretty printer

Copyright (c) 1998-2016 World Wide Web Consortium  
(Massachusetts Institute of Technology, European Research  
Consortium for Informatics and Mathematics, Keio University).  
All Rights Reserved.

Additional contributions (c) 2001-2016 University of Toronto, Terry Teague,  
@geoffmcl, HTACG, and others.

### Contributing Author(s):

Dave Raggett <dsr@w3.org>

The contributing author(s) would like to thank all those who  
helped with testing, bug fixes and suggestions for improvements.  
This wouldn't have been possible without your help.

## COPYRIGHT NOTICE:

This software and documentation is provided "as is," and  
the copyright holders and contributing author(s) make no  
representations or warranties, express or implied, including  
but not limited to, warranties of merchantability or fitness  
for any particular purpose or that the use of the software or  
documentation will not infringe any third party patents,  
copyrights, trademarks or other rights.

The copyright holders and contributing author(s) will not be held  
liable for any direct, indirect, special or consequential damages  
arising out of any use of the software or documentation, even if  
advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute  
this source code, or portions hereof, documentation and executables,  
for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.  
2. Altered versions must be plainly marked as such and must  
not be misrepresented as being the original source.  
3. This Copyright notice may not be removed or altered from any  
source or altered source distribution.
The copyright holders and contributing author(s) specifically permit, without fee, and encourage the use of this source code as a component for supporting the Hypertext Markup Language in commercial products. If you use this source code in a product, acknowledgement is not required but would be appreciated.

**1.86 opus 1.3.1**

**1.86.1 Available under license:**

Copyright 2001-2011 Xiph.Org, Skype Limited, Octasic,
Jean-Marc Valin, Timothy B. Terriberry,
CSIRO, Gregory Maxwell, Mark Borgerding,
Erik de Castro Lopo

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of Internet Society, IETF or IETF Trust, nor the names of specific contributors, may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Opus is subject to the royalty-free patent licenses which are specified at:

Xiph.Org Foundation:
1.87 opencv 4.0.1

1.87.1 Available under license:

Copyright (c) 2011-2014 Idiap Research Institute (Ronan Collobert)
Copyright (c) 2012-2014 Deepmind Technologies (Koray Kavukcuoglu)
Copyright (c) 2011-2012 NEC Laboratories America (Koray Kavukcuoglu)
Copyright (c) 2011-2013 NYU (Clement Farabet)
Copyright (c) 2006-2010 NEC Laboratories America (Ronan Collobert, Leon Bottou, Iain Melvin, Jason Weston)
Copyright (c) 2006 Idiap Research Institute (Samy Bengio)
Copyright (c) 2001-2004 Idiap Research Institute (Ronan Collobert, Samy Bengio, Johnny Mariethoz)

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the names of Deepmind Technologies, NYU, NEC Laboratories America and IDIAP Research Institute nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
<?xml version="1.0"?>
<opencv_storage>
<!-- Automatically converted from haarcascade2, window size = 64x16 -->
<haarcascade_pltzzz64x16_16STG type_id="opencv-haar-classifier">
<size>
  64 16</size>
<stages>
  <
  <!-- stage 0 -->
  <trees>
    <
    <!-- tree 0 -->
    <
      <!-- root node -->
      <feature>
        <rects>
          <
            32 2 8 6 -1.
            32 4 8 2 3.</n></rects>
        <tilted>0</tilted>
      </feature>
      <threshold>1.6915600746870041e-002</threshold>
      <left_val>-9.5547717809677124e-001</left_val>
      <right_val>8.9129137992858887e-001</right_val></
    <
    <!-- tree 1 -->
    <
      <!-- root node -->
      <feature>
        <rects>
          <
            0 4 6 10 -1.
            3 4 3 10 2.</n></rects>
        <tilted>0</tilted>
      </feature>
      <threshold>2.4228349328041077e-002</threshold>
      <left_val>-9.2089319229125977e-001</left_val>
      <right_val>8.8723921775817871e-001</right_val></
    <
    <!-- tree 2 -->
    <
      <!-- root node -->
      <feature>
        <rects>
          <
            55 0 8 6 -1.
            55 0 4 3 2.</n></rects>
      </feature>
    </trees>
  </stages>
</haarcascade_pltzzz64x16_16STG>
</opencv_storage>
<left_val>-9.7632282972335815e-001</left_val>
<right_val>4.5473039150238037e-001</right_val>
<stage_threshold>-1.6632349491119385e+000</stage_threshold>
<parent>0</parent>
<next>-1</next>

<!-- stage 2 -->
trees

<!-- tree 0 -->

<!-- root node -->
<feature>
<rects>
<_.
31 2 11 6 -1</_.>
<_.
31 4 11 2 3</_.></rects>
<tilted>0</tilted></feature>
<threshold>2.3864099755883217e-002</threshold>
<left_val>-9.3137168884277344e-001</left_val>
<right_val>8.2478952407836914e-001</right_val>

<!-- tree 1 -->

<!-- root node -->
<feature>
<rects>
<_.
56 3 6 11 -1</_.>
<_.
59 3 3 11 2</_.></rects>
<tilted>0</tilted></feature>
<threshold>-2.5775209069252014e-002</threshold>
<left_val>8.5526448488235474e-001</left_val>
<right_val>-8.7574672698974609e-001</right_val>

<!-- tree 2 -->

<!-- root node -->
<feature>
<rects>
<_.
32 14 32 2 -1</_.>
<_.
32 15 32 1 2</_.></rects>
<tilted>0</tilted></feature>
<threshold>-1.0646049864590168e-002</threshold>
<!-- tree 1 -->
<!-- root node -->
<feature>
  <rects>
    32 0 14 12 -1.</rects>
  <tilted>0</tilted></feature>
<threshold>1.25392496584595e-001</threshold>
<left_val>-1.2996139993614912e-002</left_val>
<right_val>-3.2377028808593750e+003</right_val></_>
<!-- tree 2 -->
<!-- root node -->
<feature>
  <rects>
    2 1 43 4 -1.</rects>
  <tilted>0</tilted></feature>
<threshold>6.3474893569946289e-002</threshold>
<left_val>-6.4648061990737915e-001</left_val>
<right_val>8.2302427291870117e-001</right_val></_>
<!-- tree 3 -->
<!-- root node -->
<feature>
  <rects>
    34 10 30 5 -1.</rects>
  <tilted>0</tilted></feature>
<threshold>4.2217150330543518e-002</threshold>
<!-
</!
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-
<!-- root node -->
<feature>
< rects>
  0 0 3 2 -1.
  1 0 1 2 3.
< tilted>0</tilted></feature>
<threshold>-2.4224430671893060e-004</threshold>
< left_val>1.</left_val>
< right_val>-1.</right_val></_>
<_>
<!-- tree 13 -->
<_>
<!-- root node -->
<feature>
< rects>
  46 4 3 8 -1.
  47 4 1 8 3.
< tilted>0</tilted></feature>
<threshold>7.4700301047414541e-004</threshold>
< left_val>-9.9108231067657471e-001</left_val>
< right_val>9.9941182136535645e-001</right_val></_>
<_></trees>
< stage_threshold>-1.0991690158843994e+000</stage_threshold>
< parent>13</parent>
< next>-1</next></_>
<_>
<!-- stage 15 -->
< trees>
<_>
<!-- tree 0 -->
<_>
<!-- root node -->
<feature>
< rects>
  1 2 6 5 -1.
  3 2 2 5 3.
< tilted>0</tilted></feature>
<threshold>1.7227890202775598e-003</threshold>
< left_val>-9.3608891963958740e-001</left_val>
< right_val>8.725122133636475e-001</right_val></_>
<_>
<!-- tree 1 -->
<root>
  <!-- root node -->
  <feature>
    <rects>
      <rect>
        0 3 18 5 -1.</rect>
      <rect>
        6 3 6 5 3.</rect>
    </rects>
    <tilted>0</tilted></feature>
  <threshold>2.7599320746958256e-003</threshold>
  <left_val>-9.9757021665573120e-001</left_val>
  <right_val>1.0000289678573608e+000</right_val></root>

<root>
  <!-- tree 2 -->
  <!-- root node -->
  <feature>
    <rects>
      <rect>
        3 1 6 14 -1.</rect>
      <rect>
        6 1 3 14 2.</rect>
    </rects>
    <tilted>0</tilted></feature>
  <threshold>-8.9444358309265226e-005</threshold>
  <left_val>1.</left_val>
  <right_val>-9.9264812469482422e-001</right_val></root>

<root>
  <!-- tree 3 -->
  <!-- root node -->
  <feature>
    <rects>
      <rect>
        3 6 2 10 -1.</rect>
      <rect>
        3 11 2 5 2.</rect>
    </rects>
    <tilted>0</tilted></feature>
  <threshold>-2.7962020249105990e-004</threshold>
  <left_val>8.2833290100097656e-001</left_val>
  <right_val>-9.8444151878356934e-001</right_val></root>

<root>
  <!-- tree 4 -->
  <!-- root node -->
  <feature>
    <rects>
      <rect>
        42 0 4 6 -1.</rect>
    </rects>
    <tilted>0</tilted></feature>
  <threshold>0.0</threshold>
  <left_val>-1.</left_val>
  <right_val>1.</right_val></root>
Copyright (C) 2016 The Android Open Source Project

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Copyright (c) 1988-1997 Sam Leffler
Copyright (c) 1991-1997 Silicon Graphics, Inc.

Permission to use, copy, modify, distribute, and sell this software and
its documentation for any purpose is hereby granted without fee, provided
that (i) the above copyright notices and this permission notice appear in
all copies of the software and related documentation, and (ii) the names of
Sam Leffler and Silicon Graphics may not be used in any advertising or
publicity relating to the software without the specific, prior written
permission of Sam Leffler and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND,
EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY
WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR
ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND,
OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS,
WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF
LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE
OF THIS SOFTWARE.

The GNU General Public License (GPL)
Version 2, June 1991
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.
To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.
For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.
We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.
Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.
Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.
The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".
Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.
1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.
You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the
Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:
a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.
c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:
a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,
c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A
PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
ALL NECESSARY SERVICING, REPAIR OR CORRECTION.
12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY
COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE
PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL,
SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY
TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER
PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS
How to Apply These Terms to Your New Programs
If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to
achieve this is to make it free software which everyone can redistribute and change under these terms.
To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to
most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a
pointer to where the full notice is found.
One line to give the program's name and a brief idea of what it does.
Copyright (C) <year> <name of author>
This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public
License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later
version.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the
implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General
Public License for more details.
You should have received a copy of the GNU General Public License along with this program; if not, write to the
Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Also add information on how to contact you by electronic and paper mail.
If the program is interactive, make it output a short notice like this when it starts in an interactive mode:
Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO
WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain
conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License.
Of course, the commands you use may be called something other than `show w' and `show c'; they could even be
mouse-clicks or menu items--whatever suits your program.
You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright
disclaimer" for the program, if necessary. Here is a sample; alter the names:
Yoyodyne, Inc., hereby disclaims all copyright interest in the program `Gnomovision' (which makes passes at
compilers) written by James Hacker.
signature of Ty Coon, 1 April 1989
Ty Coon, President of Vice
This General Public License does not permit incorporating your program into proprietary programs. If your program
is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If
this is what you want to do, use the GNU Library General Public License instead of this License.
Copyright (c) 2010, Google Inc. All rights reserved.
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Google nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

04 .-;/1
This file is copyrighted by Red Hat Inc.

- Atomicops support for AIX/POWER, located in
src/google/protobuf/stubs/atomicops_internals_power.h.
This file is copyrighted by Bloomberg Finance LP.

Copyright 2014, Google Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
  copyright notice, this list of conditions and the following disclaimer
  in the documentation and/or other materials provided with the
distribution.
* Neither the name of Google Inc. nor the names of its
  contributors may be used to endorse or promote products derived from
this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner
of the input file used when generating it. This code is not
standalone and requires a support library to be linked with it. This
support library is itself covered by the above license.
Simple Build Tool Launcher
Copyright 2008, 2009, 2010 Mark Harrah, David MacIver
Licensed under BSD-style license (see LICENSE)

Classes from the Scala library are distributed with the launcher.
Copyright 2002-2008 EPFL, Lausanne
Licensed under BSD-style license (see licenses/LICENSE_Scala)

JLine is distributed with the launcher.
It is licensed under a BSD-style license (see licenses/LICENSE_JLine)
Classes from Apache Ivy, licensed under the Apache License, Version 2.0 (see licenses/LICENSE_Apache) are distributed with the launcher. It requires the following notice:

This product includes software developed by
The Apache Software Foundation (http://www.apache.org/).

Portions of Ivy were originally developed by
Jayasoft SARL (http://www.jayasoft.fr/)
and are licensed to the Apache Software Foundation under the "Software Grant License Agreement"

THIS SOFTWARE IS PROVIDED BY THE AUTHORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

PNG

Copyright (c) 2002-2008 EPFL, Lausanne, unless otherwise specified.
All rights reserved.

This software was developed by the Programming Methods Laboratory of the Swiss Federal Institute of Technology (EPFL), Lausanne, Switzerland.

Permission to use, copy, modify, and distribute this software in source or binary form for any purpose with or without fee is hereby granted, provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the EPFL nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of JLine nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED
AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING
IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
OF THE POSSIBILITY OF SUCH DAMAGE.
BSD License

Copyright (c) 2000-2006, www.hamcrest.org
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of
conditions and the following disclaimer. Redistributions in binary form must reproduce
the above copyright notice, this list of conditions and the following disclaimer in
the documentation and/or other materials provided with the distribution.

Neither the name of Hamcrest nor the names of its contributors may be used to endorse
or promote products derived from this software without specific prior written
permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES
OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO
EVENT
SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED
TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN
ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH
DAMAGE.
JasPer License Version 2.0

Copyright (c) 2001-2006 Michael David Adams
Copyright (c) 1999-2000 Image Power, Inc.
Copyright (c) 1999-2000 The University of British Columbia

All rights reserved.

Permission is hereby granted, free of charge, to any person (the
"User") obtaining a copy of this software and associated documentation
files (the "Software"), to deal in the Software without restriction,
including without limitation the rights to use, copy, modify, merge,
publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

1. The above copyright notices and this permission notice (which includes the disclaimer below) shall be included in all copies or substantial portions of the Software.

2. The name of a copyright holder shall not be used to endorse or promote products derived from the Software without specific prior written permission.

THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF THE SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER. THE SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. NO ASSURANCES ARE PROVIDED BY THE COPYRIGHT HOLDERS THAT THE SOFTWARE DOES NOT INFRINGE THE PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY OTHER ENTITY. EACH COPYRIGHT HOLDER DISCLAIMS ANY LIABILITY TO THE USER FOR CLAIMS BROUGHT BY ANY OTHER ENTITY BASED ON INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHERWISE. AS A CONDITION TO EXERCISING THE RIGHTS GRANTED HEREUNDER, EACH USER HEREBY ASSUMES SOLE RESPONSIBILITY TO SECURE ANY OTHER INTELLECTUAL PROPERTY RIGHTS NEEDED, IF ANY. THE SOFTWARE IS NOT FAULT-TOLERANT AND IS NOT INTENDED FOR USE IN MISSION-CRITICAL SYSTEMS, SUCH AS THOSE USED IN THE OPERATION OF NUCLEAR FACILITIES, AIRCRAFT NAVIGATION OR COMMUNICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS, DIRECT LIFE SUPPORT MACHINES, OR WEAPONS SYSTEMS, IN WHICH THE FAILURE OF THE SOFTWARE OR SYSTEM COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE ("HIGH RISK ACTIVITIES"). THE COPYRIGHT HOLDERS SPECIFICALLY DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES.

License for Berkeley SoftFloat Release 3c

John R. Hauser
2017 February 10

The following applies to the whole of SoftFloat Release 3c as well as to each source file individually.

University of California. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the University nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE REGENTS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2006, Industrial Light & Magic, a division of Lucasfilm Entertainment Company Ltd. Portions contributed and copyright held by others as indicated. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Industrial Light & Magic nor the names of any other contributors to this software may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This package was debianized by Christopher L Cheney <ccheney@debian.org> on Fri, 22 Aug 2003 01:33:34 -0500.

The current maintainer is Roland Stigge <stigge@antcom.de>

It was downloaded from http://www.ece.uvic.ca/~mdadams/jasper/

Upstream Author: Michael Adams <mdadams@ece.uvic.ca>

License:

JasPer License Version 2.0

Copyright (c) 1999-2000 Image Power, Inc.
Copyright (c) 1999-2000 The University of British Columbia
Copyright (c) 2001-2003 Michael David Adams

All rights reserved.

Permission is hereby granted, free of charge, to any person (the "User") obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

1. The above copyright notices and this permission notice (which includes the disclaimer below) shall be included in all copies or substantial portions of the Software.

2. The name of a copyright holder shall not be used to endorse or promote products derived from the Software without specific prior written permission.

THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF THE SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER
THIS DISCLAIMER. THE SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT OF THIRD PARTY RIGHTS. IN NO EVENT SHALL THE COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, OR ANY SPECIAL INDIRECT OR CONSEQUENTIAL DAMAGES, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. NO ASSURANCES ARE PROVIDED BY THE COPYRIGHT HOLDERS THAT THE SOFTWARE DOES NOT INFRINGE THE PATENT OR OTHER INTELLECTUAL PROPERTY RIGHTS OF ANY OTHER ENTITY. EACH COPYRIGHT HOLDER DISCLAIMS ANY LIABILITY TO THE USER FOR CLAIMS BROUGHT BY ANY OTHER ENTITY BASED ON INFRINGEMENT OF INTELLECTUAL PROPERTY RIGHTS OR OTHERWISE. AS A CONDITION TO EXERCISING THE RIGHTS GRANTED HEREUNDER, EACH USER HEREBY ASSUMES SOLE RESPONSIBILITY TO SECURE ANY OTHER INTELLECTUAL PROPERTY RIGHTS NEEDED, IF ANY. THE SOFTWARE IS NOT FAULT-TOLERANT AND IS NOT INTENDED FOR USE IN MISSION-CRITICAL SYSTEMS, SUCH AS THOSE USED IN THE OPERATION OF NUCLEAR FACILITIES, AIRCRAFT NAVIGATION OR COMMUNICATION SYSTEMS, AIR TRAFFIC CONTROL SYSTEMS, DIRECT LIFE SUPPORT MACHINES, OR WEAPONS SYSTEMS, IN WHICH THE FAILURE OF THE SOFTWARE OR SYSTEM COULD LEAD DIRECTLY TO DEATH, PERSONAL INJURY, OR SEVERE PHYSICAL OR ENVIRONMENTAL DAMAGE ("HIGH RISK ACTIVITIES"). THE COPYRIGHT HOLDERS SPECIFICALLY DISCLAIM ANY EXPRESS OR IMPLIED WARRANTY OF FITNESS FOR HIGH RISK ACTIVITIES.

Copyright (c) 2011, Intel Corporation
All rights reserved.
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

quirc -- QR-code recognition library
Copyright (C) 2010-2012 Daniel Beer <dlbeer@gmail.com>

Permission to use, copy, modify, and/or distribute this software for
any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.

THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE

========================================
PNG Reference Library License version 2
---------------------------------------

* Copyright (c) 1995-2019 The PNG Reference Library Authors.
* Copyright (c) 2018-2019 Cosmin Truta.
* Copyright (c) 1996-1997 Andreas Dilger.
* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind, express or implied, including, without limitation, the warranties of merchantability, fitness for a particular purpose, title, and non-infringement. In no event shall the Copyright owners, or anyone distributing the software, be liable for any damages or other liability, whether in contract, tort or otherwise, arising from, out of, or in connection with the software, or the use or other dealings in the software, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this software, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this software must not be misrepresented: you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.
PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are
Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are
derived from libpng-1.0.6, and are distributed according to the same
disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe
Google Inc.
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are
Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willeme van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of
Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners, but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use
this source code in a product, acknowledgment is not required but would be appreciated.

libjpeg-turbo Licenses

libjpeg-turbo is covered by three compatible BSD-style open source licenses:

- The IJG (Independent JPEG Group) License, which is listed in [README.ijg](README.ijg)

  This license applies to the libjpeg API library and associated programs (any code inherited from libjpeg, and any modifications to that code.)

- The Modified (3-clause) BSD License, which is listed below

  This license covers the TurboJPEG API library and associated programs, as well as the build system.

- The [zlib License](https://opensource.org/licenses/Zlib)

  This license is a subset of the other two, and it covers the libjpeg-turbo SIMD extensions.

Complying with the libjpeg-turbo Licenses

This section provides a roll-up of the libjpeg-turbo licensing terms, to the best of our understanding.

1. If you are distributing a modified version of the libjpeg-turbo source, then:

   1. You cannot alter or remove any existing copyright or license notices from the source.

      **Origin**
      - Clause 1 of the IJG License
      - Clause 1 of the Modified BSD License
      - Clauses 1 and 3 of the zlib License

   2. You must add your own copyright notice to the header of each source file you modified, so others can tell that you modified that file (if there is not an existing copyright header in that file, then you can simply add a notice stating that you modified the file.)

      **Origin**
      - Clause 1 of the IJG License
3. You must include the IJG README file, and you must not alter any of the copyright or license text in that file.

**Origin**
- Clause 1 of the IJG License

2. If you are distributing only libjpeg-turbo binaries without the source, or if you are distributing an application that statically links with libjpeg-turbo, then:

1. Your product documentation must include a message stating:

This software is based in part on the work of the Independent JPEG Group.

**Origin**
- Clause 2 of the IJG license

2. If your binary distribution includes or uses the TurboJPEG API, then your product documentation must include the text of the Modified BSD License (see below.)

**Origin**
- Clause 2 of the Modified BSD License

3. You cannot use the name of the IJG or The libjpeg-turbo Project or the contributors thereof in advertising, publicity, etc.

**Origin**
- IJG License
- Clause 3 of the Modified BSD License

4. The IJG and The libjpeg-turbo Project do not warrant libjpeg-turbo to be free of defects, nor do we accept any liability for undesirable consequences resulting from your use of the software.

**Origin**
- IJG License
- Modified BSD License
- zlib License

The Modified (3-clause) BSD License

=================================================================

Copyright (C)2009-2019 D. R. Commander. All Rights Reserved.
Copyright (C)2015 Viktor Szathmry. All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of the libjpeg-turbo Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS", AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Why Three Licenses?
===================

The zlib License could have been used instead of the Modified (3-clause) BSD License, and since the IJG License effectively subsumes the distribution conditions of the zlib License, this would have effectively placed libjpeg-turbo binary distributions under the IJG License. However, the IJG License specifically refers to the Independent JPEG Group and does not extend attribution and endorsement protections to other entities. Thus, it was desirable to choose a license that granted us the same protections for new code that were granted to the IJG for code derived from their software.

Copyright (C) 2001 Fabrice Bellard

FFmpeg is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

FFmpeg is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with FFmpeg; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL.  It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis
or for a fee, you must give the recipients all the rights that we gave
you. You must make sure that they, too, receive or can get the source
code. If you link other code with the library, you must provide
complete object files to the recipients, so that they can relink them
with the library after making changes to the library and recompiling
it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the
library, and (2) we offer you this license, which gives you legal
permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that
there is no warranty for the free library. Also, if the library is
modified by someone else and passed on, the recipients should know
that what they have is not the original version, so that the original
author's reputation will not be affected by problems that might be
introduced by others.

Finally, software patents pose a constant threat to the existence of
any free program. We wish to make sure that a company cannot
effectively restrict the users of a free program by obtaining a
restrictive license from a patent holder. Therefore, we insist that
any patent license obtained for a version of the library must be
consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the
ordinary GNU General Public License. This license, the GNU Lesser
General Public License, applies to certain designated libraries, and
is quite different from the ordinary General Public License. We use
this license for certain libraries in order to permit linking those
libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a
combined work, a derivative of the original library. The ordinary
General Public License therefore permits such linking only if the
entire combination fits its criteria of freedom. The Lesser General
Public License permits more lax criteria for linking other code with
the library.

We call this license the "Lesser" General Public License because it
does Less to protect the user's freedom than the ordinary General
Public License. It also provides other free software developers Less
of an advantage over competing non-free programs. These disadvantages
are the reason we use the ordinary General Public License for many
libraries. However, the Lesser license provides advantages in certain
special circumstances.
For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 703
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 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.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.
14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.
<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
Copyright (c) 2008-2015 The Khronos Group Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and/or associated documentation files (the "Materials"), to deal in the Materials without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Materials, and to permit persons to whom the Materials are furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Materials.

MODIFICATIONS TO THIS FILE MAY MEAN IT NO LONGER ACCURATELY REFLECTS KHRONOS STANDARDS. THE UNMODIFIED, NORMATIVE VERSIONS OF KHRONOS SPECIFICATIONS AND HEADER INFORMATION ARE LOCATED AT
https://www.khronos.org/registry/
THE MATERIALS ARE PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE MATERIALS OR THE USE OR OTHER DEALINGS IN THE MATERIALS.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.
4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTicular PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following
boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include
the brackets!) The text should be enclosed in the appropriate
comment syntax for the file format. We also recommend that a
file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

By downloading, copying, installing or using the software you agree to this license. If you do not agree to this license, do not download, install, copy or use the software.

---

License Agreement
For Open Source Computer Vision Library
(3-clause BSD License)

Copyright (C) 2000-2019, Intel Corporation, all rights reserved.
Copyright (C) 2009-2011, Willow Garage Inc., all rights reserved.
Copyright (C) 2009-2016, NVIDIA Corporation, all rights reserved.
Copyright (C) 2010-2013, Advanced Micro Devices, Inc., all rights reserved.
Copyright (C) 2015-2016, OpenCV Foundation, all rights reserved.
Copyright (C) 2015-2016, Itseez Inc., all rights reserved.
Third party copyrights are property of their respective owners.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the names of the copyright holders nor the names of the contributors may be used to endorse or promote products derived from this software without specific prior written permission.
This software is provided by the copyright holders and contributors "as is" and any express or implied warranties, including, but not limited to, the implied warranties of merchantability and fitness for a particular purpose are disclaimed. In no event shall copyright holders or contributors be liable for any direct, indirect, incidental, special, exemplary, or consequential damages (including, but not limited to, procurement of substitute goods or services; loss of use, data, or profits; or business interruption) however caused and on any theory of liability, whether in contract, strict liability, or tort (including negligence or otherwise) arising in any way out of the use of this software, even if advised of the possibility of such damage.

Copyright (c) 2008, 2009, 2010 Steven Blundy, Josh Cough, Mark Harrah, Stuart Roebuck, Tony Sloane, Vesa Vilhonen, Jason Zaugg
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

1.88 system-reactive-linq 4.1.5

1.88.1 Available under license :
Copyright (c) .NET Foundation and Contributors
All Rights Reserved

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

1.89 qt 5.10.1

1.90 websocketpp 0.8.1

1.90.1 Available under license:

Main Library:

Copyright (c) 2014, Peter Thorson. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of the WebSocket++ Project nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL PETER THORSON BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Bundled Libraries:

****** Base 64 Library (base64/base64.hpp) ******

base64.hpp is a repackaging of the base64.cpp and base64.h files into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012. All modifications to the code are redistributed under the same license as the original, which is
base64.cpp and base64.h

Copyright (C) 2004-2008 Ren Nyffenegger

This source code is provided 'as-is', without any express or implied warranty. In no event will the author be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this source code must not be misrepresented; you must not claim that you wrote the original source code. If you use this source code in a product, an acknowledgment in the product documentation would be appreciated but is not required.

2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original source code.

3. This notice may not be removed or altered from any source distribution.

Ren Nyffenegger rene.nyffenegger@adp-gmbh.ch

****** SHA1 Library (sha1/sha1.hpp) ******
sha1.hpp is a repackaging of the sha1.cpp and sha1.h files from the shallsha1 library (http://code.google.com/p/smallsha1/) into a single header suitable for use as a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2013. All modifications to the code are redistributed under the same license as the original, which is listed below.

Copyright (c) 2011, Micael Hildenborg
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Micael Hildenborg nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY Micael Hildenborg "AS IS" AND ANY
EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL Micael Hildenborg BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

****** MD5 Library (common/md5.hpp) ******
md5.hpp is a reformulation of the md5.h and md5.c code from http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c to allow it to function as a component of a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012 for the WebSocket++ project. The changes are released under the same license as the original (listed below)

Copyright (C) 1999, 2002 Aladdin Enterprises. All rights reserved.

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

L. Peter Deutsch
ghost@aladdin.com

****** UTF8 Validation logic (utf8_validation.hpp) ******
utf8_validation.hpp is adapted from code originally written by Bjoern Hoehrmann <bjoern@hoehrmann.de>. See http://bjoern.hoehrmann.de/utf-8/decoder/dfa/ for details.

The original license:

Copyright (c) 2008-2009 Bjoern Hoehrmann <bjoern@hoehrmann.de>

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.91 system-threading-tasks-extensions

4.6.27129.04

1.91.1 Available under license:
The MIT License (MIT)

Copyright (c) Microsoft Corporation

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.
Copyright [2007] Neal Norwitz

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

    http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Copyright (c) 2015, NATTools
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this
  list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE
FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR
SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER
CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY,
OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Mocking Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

Benoit Sigoure <tsuna@google.com>
Bogdan Piloca <boo@google.com>
Chandler Carruth <chandlerc@google.com>
Dave MacLachlan <dmaclach@gmail.com>
David Anderson <danderson@gmail.com>
Dean Sturtevant
Gene Volovich <gv@cite.com>
Hal Burch <gmock@hburch.com>
Jeffrey Yasskin <jyasskin@google.com>
Jim Keller <jimkeller@google.com>
Joe Walnes <joe@truemesh.com>
Jon Wray <jwray@gmail.com>
Keir Mierle <mierle@gmail.com>
Keith Ray <keith.ray@gmail.com>
Kostya Serebryany <kcc@google.com>
Lev Makhlis
Manuel Klimek <klimek@google.com>
Mario Tanev <radix@gmail.com>
Mark Paskin
Markus Heule <markus.heule@gmail.com>
Matthew Simmons <simmonmt@acm.org>
Mike Bland <mbland@gmail.com>
Neal Norwitz <nnorwitz@gmail.com>
Nermin Ozkiranartli <nermin@gmail.com>
Owen Carlsen <ocarlsen@gmail.com>
Paneendra Ba <paneendra@gmail.com>
Paul Menage <menage@gmail.com>
Piotr Kaminski <piotr@gmail.com>
Russ Rufer <russ@pentad.com>
Sverre Sundsdal <sundsdal@gmail.com>
Takeshi Yoshino <tyoshino@gmail.com>
Vadim Berman <vadimb@gmail.com>
Vlad Losev <vladl@gmail.com>
Wolfgang Klier <wklier@gmail.com>
Zhanyong Wan <wan@gmail.com>

Copyright (c) 2015, NPPT
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 727
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

## This file contains a list of people who've made non-trivial contributions to the Google C++ Testing Framework project. People who commit code to the project are encouraged to add their names here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com>
Balzs Dn <balazs.dan@gmail.com>
Bharat Mediratta <bharat@menalto.com>
Chandler Carruth <chandlerc@google.com>
Chris Prince <cprince@google.com>
Chris Taylor <taylorc@google.com>
Dan Egnor <egnor@google.com>
Eric Roman <eroman@chromium.org>
Hady Zalek <hady.zalek@gmail.com>
Jeffrey Yasskin <jyasskin@google.com>
1.93 libxslt 1.1.34

1.93.1 Available under license:
DocBk XML V3.1.7 DTD
Copyright (C) 1998, 1999 Norman Walsh
http://nwalsh.com/docbook/xml/

You may distribute this DTD under the same terms as DocBook.

Please direct all questions and comments about this DTD to
Norman Walsh, <ndw@nwalsh.com>.

This DTD is based on the DocBook V3.1 DTD from OASIS:


Permission to use, copy, modify and distribute the DocBook DTD and its accompanying documentation for any purpose and without fee is hereby granted in perpetuity, provided that the above copyright notice and this paragraph appear in all
The copyright holders make no representation about the suitability of the DTD for any purpose. It is provided "as is" without expressed or implied warranty.

For more information about the DocBook DTD, see http://www.oasis-open.org/docbook/
Simplified DocBk XML V3.1.7.1 DTD
Copyright (C) 1999 Norman Walsh
http://nwalsh.com/docbook/simple/

You may distribute this DTD under the same terms as DocBook.

Please direct all questions and comments about this DTD to Norman Walsh, <ndw@nwalsh.com>.

This DTD is based on the DocBk XML DTD, which is in turn based on the DocBook V3.1 DTD from OASIS:


Permission to use, copy, modify and distribute the DocBook DTD and its accompanying documentation for any purpose and without fee is hereby granted in perpetuity, provided that the above copyright notice and this paragraph appear in all copies. The copyright holders make no representation about the suitability of the DTD for any purpose. It is provided "as is" without expressed or implied warranty.

For more information about the DocBook DTD, see http://www.oasis-open.org/docbook/
Licence for libxslt except libexslt

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE DANIEL VEILLARD BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of Daniel Veillard shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

--------------------------------------------------------------------------------

Licence for libexslt
--------------------------------------------------------------------------------

Copyright (C) 2001-2002 Thomas Broyer, Charlie Bozeman and Daniel Veillard.
All Rights Reserved.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Except as contained in this notice, the name of the authors shall not be used in advertising or otherwise to promote the sale, use or other dealings in this Software without prior written authorization from him.

--------------------------------------------------------------------------------

Simplified DocBook XML V4.1.2.4 DTD
--------------------------------------------------------------------------------

Copyright (C) 1999, 2000 Norman Walsh
http://nwalsh.com/docbook/simple/

You may distribute this DTD under the same terms as DocBook.

Please direct all questions and comments about this DTD to Norman Walsh, <ndw@nwalsh.com>. 
This DTD is based on the DocBook XML V4.1.2 DTD from OASIS:


Permission to use, copy, modify and distribute the DocBook DTD and its accompanying documentation for any purpose and without fee is hereby granted in perpetuity, provided that the above copyright notice and this paragraph appear in all copies. The copyright holders make no representation about the suitability of the DTD for any purpose. It is provided “as is” without expressed or implied warranty.

For more information about the DocBook DTD, see http://www.oasis-open.org/docbook/

1.94 pdfium 2.0.15

1.94.1 Available under license:
The FreeType Project LICENSE

-----------------------------

2006-Jan-27

Copyright 1996-2002, 2006 by David Turner, Robert Wilhelm, and Werner Lemberg

Introduction

============

The FreeType Project is distributed in several archive packages; some of them may contain, in addition to the FreeType font engine, various tools and contributions which rely on, or relate to, the FreeType Project.

This license applies to all files found in such packages, and which do not fall under their own explicit license. The license affects thus the FreeType font engine, the test programs, documentation and makefiles, at the very least.

This license was inspired by the BSD, Artistic, and IJG (Independent JPEG Group) licenses, which all encourage inclusion and use of free software in commercial and freeware products.
alike. As a consequence, its main points are that:

- We don't promise that this software works. However, we will be interested in any kind of bug reports. (`as is' distribution)

- You can use this software for whatever you want, in parts or full form, without having to pay us. (`royalty-free' usage)

- You may not pretend that you wrote this software. If you use it, or only parts of it, in a program, you must acknowledge somewhere in your documentation that you have used the FreeType code. (`credits')

We specifically permit and encourage the inclusion of this software, with or without modifications, in commercial products. We disclaim all warranties covering The FreeType Project and assume no liability related to The FreeType Project.

Finally, many people asked us for a preferred form for a credit/disclaimer to use in compliance with this license. We thus encourage you to use the following text:

```
 Portions of this software are copyright <year> The FreeType Project (www.freetype.org). All rights reserved.
```

Please replace `<year>` with the value from the FreeType version you actually use.

Legal Terms
============

0. Definitions
-------------

Throughout this license, the terms `package', `FreeType Project', and `FreeType archive' refer to the set of files originally distributed by the authors (David Turner, Robert Wilhelm, and Werner Lemberg) as the `FreeType Project', be they named as alpha, beta or final release.

`You' refers to the licensee, or person using the project, where `using' is a generic term including compiling the project's source code as well as linking it to form a `program' or `executable'. This program is referred to as `a program using the FreeType
This license applies to all files distributed in the original FreeType Project, including all source code, binaries and documentation, unless otherwise stated in the file in its original, unmodified form as distributed in the original archive. If you are unsure whether or not a particular file is covered by this license, you must contact us to verify this.

The FreeType Project is copyright (C) 1996-2000 by David Turner, Robert Wilhelm, and Werner Lemberg. All rights reserved except as specified below.

1. No Warranty

THE FREETYPE PROJECT IS PROVIDED `AS IS' WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. IN NO EVENT WILL ANY OF THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY DAMAGES CAUSED BY THE USE OR THE INABILITY TO USE, OF THE FREETYPE PROJECT.

2. Redistribution

This license grants a worldwide, royalty-free, perpetual and irrevocable right and license to use, execute, perform, compile, display, copy, create derivative works of, distribute and sublicense the FreeType Project (in both source and object code forms) and derivative works thereof for any purpose; and to authorize others to exercise some or all of the rights granted herein, subject to the following conditions:

- Redistribution of source code must retain this license file (`FTL.TXT') unaltered; any additions, deletions or changes to the original files must be clearly indicated in accompanying documentation. The copyright notices of the unaltered, original files must be preserved in all copies of source files.

- Redistribution in binary form must provide a disclaimer that states that the software is based in part of the work of the FreeType Team, in the distribution documentation. We also encourage you to put an URL to the FreeType web page in your documentation, though this isn't mandatory.

These conditions apply to any software derived from or based on
the FreeType Project, not just the unmodified files. If you use our work, you must acknowledge us. However, no fee need be paid to us.

3. Advertising
-------------

Neither the FreeType authors and contributors nor you shall use the name of the other for commercial, advertising, or promotional purposes without specific prior written permission.

We suggest, but do not require, that you use one or more of the following phrases to refer to this software in your documentation or advertising materials: 'FreeType Project', 'FreeType Engine', 'FreeType library', or 'FreeType Distribution'.

As you have not signed this license, you are not required to accept it. However, as the FreeType Project is copyrighted material, only this license, or another one contracted with the authors, grants you the right to use, distribute, and modify it. Therefore, by using, distributing, or modifying the FreeType Project, you indicate that you understand and accept all the terms of this license.

4. Contacts
-----------

There are two mailing lists related to FreeType:

  o freetype@nongnu.org

  Discusses general use and applications of FreeType, as well as future and wanted additions to the library and distribution. If you are looking for support, start in this list if you haven't found anything to help you in the documentation.

  o freetype-devel@nongnu.org

  Discusses bugs, as well as engine internals, design issues, specific licenses, porting, etc.

Our home page can be found at

  http://www.freetype.org

--- end of FTL.TXT ---
Copyright (c) 2003-2012, Michael Foord
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above
  copyright notice, this list of conditions and the following
  disclaimer in the documentation and/or other materials provided
  with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

// Copyright 2014 PDFium Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
//   * Redistributions of source code must retain the above copyright
//     notice, this list of conditions and the following disclaimer.
//   * Redistributions in binary form must reproduce the above
//     copyright notice, this list of conditions and the following disclaimer
//     in the documentation and/or other materials provided with the
//     distribution.
//   * Neither the name of Google Inc. nor the names of its
//     contributors may be used to endorse or promote products derived from
//     this software without specific prior written permission.
//
// THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
// "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
// LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
// A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
// OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
// SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License. You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.
6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of Your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the
same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License);
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

   https://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE
=========================================

PNG Reference Library License version 2
--------------------------------------

* Copyright (c) 1995-2019 The PNG Reference Library Authors.
* Copyright (c) 2018-2019 Cosmin Truta.
* Copyright (c) 1996-1997 Andreas Dilger.
* Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

The software is supplied "as is", without warranty of any kind,
express or implied, including, without limitation, the warranties
of merchantability, fitness for a particular purpose, title, and
non-infringement. In no event shall the Copyright owners, or
anyone distributing the software, be liable for any damages or
other liability, whether in contract, tort or otherwise, arising
from, out of, or in connection with the software, or the use or
other dealings in the software, even if advised of the possibility
of such damage.

Permission is hereby granted to use, copy, modify, and distribute
this software, or portions hereof, for any purpose, without fee,
subject to the following restrictions:

1. The origin of this software must not be misrepresented; you
must not claim that you wrote the original software. If you
use this software in a product, an acknowledgment in the product
documentation would be appreciated, but is not required.

2. Altered source versions must be plainly marked as such, and must
not be misrepresented as being the original software.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

PNG Reference Library License version 1 (for libpng 0.5 through 1.6.35)

libpng versions 1.0.7, July 1, 2000, through 1.6.35, July 15, 2018 are Copyright (c) 2000-2002, 2004, 2006-2018 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu
Mandar Sahastrabuddhe
Google Inc.
Vadim Barkov

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

Some files in the "contrib" directory and some configure-generated files that are distributed with libpng have other copyright owners, and are released under other open source licenses.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik
libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88,
and are distributed according to the same disclaimer and license as
libpng-0.88, with the following individuals added to the list of
Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

Some files in the "scripts" directory have other copyright owners,
but are released under this license.

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing
Authors and Group 42, Inc. disclaim all warranties, expressed or
implied, including, without limitation, the warranties of
merchantability and of fitness for any purpose. The Contributing
Authors and Group 42, Inc. assume no liability for direct, indirect,
incidental, special, exemplary, or consequential damages, which may
result from the use of the PNG Reference Library, even if advised of
the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
source or altered source distribution.
The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

C++ Big Integer Library
(see ChangeLog for version)

http://mattmccutchen.net/bigint/

Written and maintained by Matt McCutchen <matt@mattmccutchen.net>

You can use this library in a C++ program to do arithmetic on integers of size limited only by your computer's memory. The library provides BigUnsigned and BigInteger classes that represent nonnegative integers and signed integers, respectively. Most of the C++ arithmetic operators are overloaded for these classes, so big-integer calculations are as easy as:

```
#include "BigIntegerLibrary.hh"

BigInteger a = 65536;
cout << (a * a * a * a * a * a * a);
```

(prints 340282366920938463463374607431768211456)

The code in `sample.cc' demonstrates the most important features of the library. To get started quickly, read the code and explanations in that file and run it. If you want more detail or a feature not shown in `sample.cc', consult the actual header and source files, which are thoroughly commented.

This library emphasizes ease of use and clarity of implementation over speed; some users will prefer GMP (http://swox.com/gmp/), which is faster. The code is intended to be reasonably portable across computers and modern C++ compilers; in particular, it uses whatever word size the computer provides (32-bit, 64-bit, or otherwise).

Compiling programs that use the library
---------------------------------------------

The library consists of a folder full of C++ header files (`.hh') and source files (`.cc'). Your own programs should `#include' the necessary header files and link with the source files. A makefile that builds the sample program (`sample.cc') is included; you can adapt it to replace the sample with your own program.

Alternatively, you can use your own build system or IDE. In that case, you must put the library header files where the compiler will find them and arrange to
have your program linked with the library source files; otherwise, you will get errors about missing header files or "undefined references". To learn how to do this, consult the documentation for the build system or IDE; don't bother asking me. Adding all the library files to your project will work in many IDEs but may not be the most desirable approach.

Resources
--------
The library's Web site (above) provides links to released versions, the current development version, and a mailing list for release announcements, questions, bug reports, and other discussion of the library. I would be delighted to hear from you if you like this library and/or find a good use for it.

Bugs and enhancements
---------------------
The library has been tested by me and others but is by no means bug-free. If you find a bug, please report it, whether it comes in the form of compiling trouble, a mathematically inaccurate result, or a memory-management blooper (since I use Java, these are altogether too common in my C++). I generally fix all reported bugs. You are also welcome to request enhancements, but I am unlikely to do substantial amounts of work on enhancements at this point.

Legal
-----
I, Matt McCutchen, the sole author of the original Big Integer Library, waive my copyright to it, placing it in the public domain. The library comes with absolutely no warranty.

~~~

1.95 sqlite 3.27.1

1.95.1 Available under license:
The author disclaims copyright to this source code. In place of a legal notice, here is a blessing:

May you do good and not evil.
May you find forgiveness for yourself and forgive others.
May you share freely, never taking more than you give.

1.96 expression-interaction 3.0.40218.0

1.96.1 Available under license:
The MIT License (MIT)

Copyright (c) 2015 Microsoft
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.97 logofx-client-bootstrapping 2.0.0

1.97.1 Available under license :

The MIT License (MIT)

Copyright (c) 2016 The LogoFX Project

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
1.98 libflac 1.3.2
1.98.1 Available under license :
<!DOCTYPE html PUBLIC "-//W3C//DTD XHTML 1.0 Transitional//EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-transitional.dtd">
<!-- Copyright (c) 2004-2009 Josh Coalson -->
<!-- Copyright (c) 2011-2016 Xiph.Org Foundation -->
<!-- Permission is granted to copy, distribute and/or modify this document -->
<!-- under the terms of the GNU Free Documentation License, Version 1.1 -->
<!-- or any later version published by the Free Software Foundation; -->
<!-- with no invariant sections. -->
<!-- A copy of the license can be found at http://www.gnu.org/copyleft/fdl.html -->
<html>
<head>
<meta http-equiv="Content-Type" content="text/html; charset=ISO-8859-1" />
<meta name="author" content="Josh Coalson" />
<meta name="description" content="A free, open source codec for lossless audio compression and decompression"
/>
<meta name="keywords"
content="free,lossless,audio,codec,encoder,decoder,compression,compressor,archival,archive,archiving,backup,mus
ic" />
<link rel="shortcut icon" type="image/x-icon" href="favicon.ico" />
<link rel="stylesheet" type="text/css" href="flac.css" />
<title>FLAC - license</title>
</head>
<body>
<div class="logo">
<a href="index.html"><img src="images/logo130.gif" alt="FLAC Logo" align="middle" border="0" hspace="0"
/></a>
</div>
<div class="above_nav"></div>
<div class="navbar">
&nbsp;<a href="index.html">home</a>&nbsp;&nbsp;|
&nbsp;<a href="faq.html">faq</a>&nbsp;&nbsp;|
&nbsp;<a href="documentation.html">documentation</a>&nbsp;&nbsp;|
&nbsp;<a href="developers.html">developers</a>&nbsp;&nbsp;|
&nbsp;<a href="changelog.html">changelog</a>&nbsp;&nbsp;|
&nbsp;<a href="http://xiph.org/flac">more</a>
</div>
<div class="below_nav"></div>
<div class="box">

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 747


FLAC is a free codec in the fullest sense. This page explicitly states all that you may do with the format and software.

The FLAC and Ogg FLAC formats themselves, and their specifications, are fully open to the public to be used for any purpose (the FLAC project reserves the right to set the FLAC specification and certify compliance). They are free for commercial or noncommercial use. That means that commercial developers may independently write FLAC or Ogg FLAC software which is compatible with the specifications for no charge and without restrictions of any kind. There are no licensing fees or royalties of any kind for use of the formats or their specifications, or for distributing, selling, or streaming media in the FLAC or Ogg FLAC formats.

The FLAC project also makes available software that implements the formats, which is distributed according to Open Source licenses as follows:

The reference implementation libraries are licensed under the New BSD License. In simple terms, these libraries may be used by any application, Open or proprietary, linked or incorporated in whole, so long as acknowledgement is made to Xiph.org Foundation when using the source code in whole or in derived works. The Xiph License is free enough that the libraries have been used in commercial products to implement FLAC, including in the firmware of hardware devices where other Open Source licenses can be problematic. In the source code these libraries are called `libFLAC` and `libFLAC++`. The rest of the software that the FLAC project provides is licensed under the GNU General Public License (GPL). This software includes various utilities for converting files to and from FLAC format, plugins for audio players, et cetera. In general, the GPL allows redistribution as long as derived works are also made available in source code form according to compatible terms.

Neither the FLAC nor Ogg FLAC formats nor any of the implemented encoding/decoding methods are covered by any known patent.

FLAC is one of a family of codecs of the Xiph.org Foundation, all created according to the same free ideals. For some other codecs' descriptions of the Xiph License see the Speex and Vorbis license pages.

If you would like to redistribute parts or all of FLAC under different terms, contact the FLAC-dev mailinglist.

---

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 748
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of the Xiph.org Foundation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE FOUNDATION OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
GNU Free Documentation License
Version 1.2, November 2002

Copyright (C) 2000,2001,2002 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

0. PREAMBLE

The purpose of this License is to make a manual, textbook, or other
functional and useful document “free” in the sense of freedom: to
assure everyone the effective freedom to copy and redistribute it,
with or without modifying it, either commercially or noncommercially.
Secondarily, this License preserves for the author and publisher a way
to get credit for their work, while not being considered responsible
for modifications made by others.

This License is a kind of “copyleft”, which means that derivative
works of the document must themselves be free in the same sense. It
complements the GNU General Public License, which is a copyleft
license designed for free software.

We have designed this License in order to use it for manuals for free
software, because free software needs free documentation: a free
program should come with manuals providing the same freedoms that the
software does. But this License is not limited to software manuals;
it can be used for any textual work, regardless of subject matter or
whether it is published as a printed book. We recommend this License
principally for works whose purpose is instruction or reference.

1. APPLICABILITY AND DEFINITIONS

This License applies to any manual or other work, in any medium, that
contains a notice placed by the copyright holder saying it can be
distributed under the terms of this License. Such a notice grants a
world-wide, royalty-free license, unlimited in duration, to use that
work under the conditions stated herein. The "Document", below,
refers to any such manual or work. Any member of the public is a
licensee, and is addressed as "you". You accept the license if you
copy, modify or distribute the work in a way requiring permission
under copyright law.

A "Modified Version" of the Document means any work containing the
Document or a portion of it, either copied verbatim, or with
A "Secondary Section" is a named appendix or a front-matter section of the Document that deals exclusively with the relationship of the publishers or authors of the Document to the Document's overall subject (or to related matters) and contains nothing that could fall directly within that overall subject. (Thus, if the Document is in part a textbook of mathematics, a Secondary Section may not explain any mathematics.) The relationship could be a matter of historical connection with the subject or with related matters, or of legal, commercial, philosophical, ethical or political position regarding them.

The "Invariant Sections" are certain Secondary Sections whose titles are designated, as being those of Invariant Sections, in the notice that says that the Document is released under this License. If a section does not fit the above definition of Secondary then it is not allowed to be designated as Invariant. The Document may contain zero Invariant Sections. If the Document does not identify any Invariant Sections then there are none.

The "Cover Texts" are certain short passages of text that are listed, as Front-Cover Texts or Back-Cover Texts, in the notice that says that the Document is released under this License. A Front-Cover Text may be at most 5 words, and a Back-Cover Text may be at most 25 words.

A "Transparent" copy of the Document means a machine-readable copy, represented in a format whose specification is available to the general public, that is suitable for revising the document straightforwardly with generic text editors or (for images composed of pixels) generic paint programs or (for drawings) some widely available drawing editor, and that is suitable for input to text formatters or (for automatic translation) to a variety of formats suitable for input to text formatters. A copy made in an otherwise Transparent file format whose markup, or absence of markup, has been arranged to thwart or discourage subsequent modification by readers is not Transparent. An image format is not Transparent if used for any substantial amount of text. A copy that is not "Transparent" is called "Opaque".

Examples of suitable formats for Transparent copies include plain ASCII without markup, Texinfo input format, LaTeX input format, SGML or XML using a publicly available DTD, and standard-conforming simple HTML, PostScript or PDF designed for human modification. Examples of transparent image formats include PNG, XCF and JPG. Opaque formats include proprietary formats that can be read and edited only by proprietary word processors, SGML or XML for which the DTD and/or processing tools are not generally available, and the machine-generated HTML, PostScript or PDF produced by some word
processors for output purposes only.

The "Title Page" means, for a printed book, the title page itself, plus such following pages as are needed to hold, legibly, the material this License requires to appear in the title page. For works in formats which do not have any title page as such, "Title Page" means the text near the most prominent appearance of the work's title, preceding the beginning of the body of the text.

A section "Entitled XYZ" means a named subunit of the Document whose title either is precisely XYZ or contains XYZ in parentheses following text that translates XYZ in another language. (Here XYZ stands for a specific section name mentioned below, such as "Acknowledgements", "Dedications", "Endorsements", or "History"). To "Preserve the Title" of such a section when you modify the Document means that it remains a section "Entitled XYZ" according to this definition.

The Document may include Warranty Disclaimers next to the notice which states that this License applies to the Document. These Warranty Disclaimers are considered to be included by reference in this License, but only as regards disclaiming warranties; any other implication that these Warranty Disclaimers may have is void and has no effect on the meaning of this License.

2. VERBATIM COPYING

You may copy and distribute the Document in any medium, either commercially or noncommercially, provided that this License, the copyright notices, and the license notice saying this License applies to the Document are reproduced in all copies, and that you add no other conditions whatsoever to those of this License. You may not use technical measures to obstruct or control the reading or further copying of the copies you make or distribute. However, you may accept compensation in exchange for copies. If you distribute a large enough number of copies you must also follow the conditions in section 3.

You may also lend copies, under the same conditions stated above, and you may publicly display copies.

3. COPYING IN QUANTITY

If you publish printed copies (or copies in media that commonly have printed covers) of the Document, numbering more than 100, and the Document's license notice requires Cover Texts, you must enclose the copies in covers that carry, clearly and legibly, all these Cover Texts: Front-Cover Texts on the front cover, and Back-Cover Texts on
the back cover. Both covers must also clearly and legibly identify you as the publisher of these copies. The front cover must present the full title with all words of the title equally prominent and visible. You may add other material on the covers in addition. Copying with changes limited to the covers, as long as they preserve the title of the Document and satisfy these conditions, can be treated as verbatim copying in other respects.

If the required texts for either cover are too voluminous to fit legibly, you should put the first ones listed (as many as fit reasonably) on the actual cover, and continue the rest onto adjacent pages.

If you publish or distribute Opaque copies of the Document numbering more than 100, you must either include a machine-readable Transparent copy along with each Opaque copy, or state in or with each Opaque copy a computer-network location from which the general network-using public has access to download using public-standard network protocols a complete Transparent copy of the Document, free of added material. If you use the latter option, you must take reasonably prudent steps, when you begin distribution of Opaque copies in quantity, to ensure that this Transparent copy will remain thus accessible at the stated location until at least one year after the last time you distribute an Opaque copy (directly or through your agents or retailers) of that edition to the public.

It is requested, but not required, that you contact the authors of the Document well before redistributing any large number of copies, to give them a chance to provide you with an updated version of the Document.

4. MODIFICATIONS

You may copy and distribute a Modified Version of the Document under the conditions of sections 2 and 3 above, provided that you release the Modified Version under precisely this License, with the Modified Version filling the role of the Document, thus licensing distribution and modification of the Modified Version to whoever possesses a copy of it. In addition, you must do these things in the Modified Version:

A. Use in the Title Page (and on the covers, if any) a title distinct from that of the Document, and from those of previous versions (which should, if there were any, be listed in the History section of the Document). You may use the same title as a previous version if the original publisher of that version gives permission.
B. List on the Title Page, as authors, one or more persons or entities responsible for authorship of the modifications in the Modified Version, together with at least five of the principal authors of the
Document (all of its principal authors, if it has fewer than five), unless they release you from this requirement.

C. State on the Title page the name of the publisher of the Modified Version, as the publisher.

D. Preserve all the copyright notices of the Document.

E. Add an appropriate copyright notice for your modifications adjacent to the other copyright notices.

F. Include, immediately after the copyright notices, a license notice giving the public permission to use the Modified Version under the terms of this License, in the form shown in the Addendum below.

G. Preserve in that license notice the full lists of Invariant Sections and required Cover Texts given in the Document’s license notice.

H. Include an unaltered copy of this License.

I. Preserve the section Entitled “History”, Preserve its Title, and add to it an item stating at least the title, year, new authors, and publisher of the Modified Version as given on the Title Page. If there is no section Entitled “History” in the Document, create one stating the title, year, authors, and publisher of the Document as given on its Title Page, then add an item describing the Modified Version as stated in the previous sentence.

J. Preserve the network location, if any, given in the Document for public access to a Transparent copy of the Document, and likewise the network locations given in the Document for previous versions it was based on. These may be placed in the “History” section. You may omit a network location for a work that was published at least four years before the Document itself, or if the original publisher of the version it refers to gives permission.

K. For any section Entitled “Acknowledgements” or “Dedications”, Preserve the Title of the section, and preserve in the section all the substance and tone of each of the contributor acknowledgements and/or dedications given therein.

L. Preserve all the Invariant Sections of the Document, unaltered in their text and in their titles. Section numbers or the equivalent are not considered part of the section titles.

M. Delete any section Entitled “Endorsements”. Such a section may not be included in the Modified Version.

N. Do not retitle any existing section to be Entitled “Endorsements” or to conflict in title with any Invariant Section.

O. Preserve any Warranty Disclaimers.

If the Modified Version includes new front-matter sections or appendices that qualify as Secondary Sections and contain no material copied from the Document, you may at your option designate some or all of these sections as invariant. To do this, add their titles to the list of Invariant Sections in the Modified Version’s license notice. These titles must be distinct from any other section titles.

You may add a section Entitled “Endorsements”, provided it contains
nothing but endorsements of your Modified Version by various parties--for example, statements of peer review or that the text has been approved by an organization as the authoritative definition of a standard.

You may add a passage of up to five words as a Front-Cover Text, and a passage of up to 25 words as a Back-Cover Text, to the end of the list of Cover Texts in the Modified Version. Only one passage of Front-Cover Text and one of Back-Cover Text may be added by (or through arrangements made by) any one entity. If the Document already includes a cover text for the same cover, previously added by you or by arrangement made by the same entity you are acting on behalf of, you may not add another; but you may replace the old one, on explicit permission from the previous publisher that added the old one.

The author(s) and publisher(s) of the Document do not by this License give permission to use their names for publicity for or to assert or imply endorsement of any Modified Version.

5. COMBINING DOCUMENTS

You may combine the Document with other documents released under this License, under the terms defined in section 4 above for modified versions, provided that you include in the combination all of the Invariant Sections of all of the original documents, unmodified, and list them all as Invariant Sections in its license notice, and that you preserve all their Warranty Disclaimers.

The combined work need only contain one copy of this License, and multiple identical Invariant Sections may be replaced with a single copy. If there are multiple Invariant Sections with the same name but different contents, make the title of each such section unique by adding at the end of it, in parentheses, the name of the original author or publisher of that section if known, or else a unique number. Make the same adjustment to the section titles in the list of Invariant Sections in the license notice of the combined work.

In the combination, you must combine any sections Entitled "History" in the various original documents, forming one section Entitled "History"; likewise combine any sections Entitled "Acknowledgements", and any sections Entitled "Dedications". You must delete all sections Entitled "Endorsements".

6. COLLECTIONS OF DOCUMENTS

You may make a collection consisting of the Document and other documents
released under this License, and replace the individual copies of this License in the various documents with a single copy that is included in the collection, provided that you follow the rules of this License for verbatim copying of each of the documents in all other respects.

You may extract a single document from such a collection, and distribute it individually under this License, provided you insert a copy of this License into the extracted document, and follow this License in all other respects regarding verbatim copying of that document.

7. AGGREGATION WITH INDEPENDENT WORKS

A compilation of the Document or its derivatives with other separate and independent documents or works, in or on a volume of a storage or distribution medium, is called an "aggregate" if the copyright resulting from the compilation is not used to limit the legal rights of the compilation's users beyond what the individual works permit. When the Document is included in an aggregate, this License does not apply to the other works in the aggregate which are not themselves derivative works of the Document.

If the Cover Text requirement of section 3 is applicable to these copies of the Document, then if the Document is less than one half of the entire aggregate, the Document's Cover Texts may be placed on covers that bracket the Document within the aggregate, or the electronic equivalent of covers if the Document is in electronic form. Otherwise they must appear on printed covers that bracket the whole aggregate.

8. TRANSLATION

Translation is considered a kind of modification, so you may distribute translations of the Document under the terms of section 4. Replacing Invariant Sections with translations requires special permission from their copyright holders, but you may include translations of some or all Invariant Sections in addition to the original versions of these Invariant Sections. You may include a translation of this License, and all the license notices in the Document, and any Warranty Disclaimers, provided that you also include the original English version of this License and the original versions of those notices and disclaimers. In case of a disagreement between the translation and the original version of this License or a notice or disclaimer, the original version will prevail.

If a section in the Document is Entitled "Acknowledgements", "Dedications", or "History", the requirement (section 4) to Preserve
its Title (section 1) will typically require changing the actual title.

9. TERMINATION

You may not copy, modify, sublicense, or distribute the Document except as expressly provided for under this License. Any other attempt to copy, modify, sublicense or distribute the Document is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

10. FUTURE REVISIONS OF THIS LICENSE

The Free Software Foundation may publish new, revised versions of the GNU Free Documentation License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns. See http://www.gnu.org/copyleft/.

Each version of the License is given a distinguishing version number. If the Document specifies that a particular numbered version of this License "or any later version" applies to it, you have the option of following the terms and conditions either of that specified version or of any later version that has been published (not as a draft) by the Free Software Foundation. If the Document does not specify a version number of this License, you may choose any version ever published (not as a draft) by the Free Software Foundation.

ADDENDUM: How to use this License for your documents

To use this License in a document you have written, include a copy of the License in the document and put the following copyright and license notices just after the title page:

Copyright (c) YEAR YOUR NAME.
Permission is granted to copy, distribute and/or modify this document under the terms of the GNU Free Documentation License, Version 1.2 or any later version published by the Free Software Foundation; with no Invariant Sections, no Front-Cover Texts, and no Back-Cover Texts. A copy of the license is included in the section entitled "GNU Free Documentation License".

If you have Invariant Sections, Front-Cover Texts and Back-Cover Texts,
with the Invariant Sections being LIST THEIR TITLES, with the Front-Cover Texts being LIST, and with the Back-Cover Texts being LIST.

If you have Invariant Sections without Cover Texts, or some other combination of the three, merge those two alternatives to suit the situation.

If your document contains nontrivial examples of program code, we recommend releasing these examples in parallel under your choice of free software license, such as the GNU General Public License, to permit their use in free software.

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Lesser General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the
source code. And you must show them these terms so they know their权利。

We protect your rights with two steps: (1) copyright the software, and
(2) offer you this license which gives you legal permission to copy,
distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain
that everyone understands that there is no warranty for this free
software. If the software is modified by someone else and passed on, we
want its recipients to know that what they have is not the original, so
that any problems introduced by others will not reflect on the original
authors' reputations.

Finally, any free program is threatened constantly by software
patents. We wish to avoid the danger that redistributors of a free
program will individually obtain patent licenses, in effect making the
program proprietary. To prevent this, we have made it clear that any
patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and
modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains
a notice placed by the copyright holder saying it may be distributed
under the terms of this General Public License. The "Program", below,
refers to any such program or work, and a "work based on the Program"
means either the Program or any derivative work under copyright law:
that is to say, a work containing the Program or a portion of it,
either verbatim or with modifications and/or translated into another
language. (Hereinafter, translation is included without limitation in
the term "modification"). Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not
covered by this License; they are outside its scope. The act of
running the Program is not restricted, and the output from the Program
is covered only if its contents constitute a work based on the
Program (independent of having been made by running the Program).
Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's
source code as you receive it, in any medium, provided that you
conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the
notices that refer to this License and to the absence of any warranty;
and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

   b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

   a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

   b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

   c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.
5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.
8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 763
YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS, EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.
You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the program, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program
`Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into
proprietary programs. If your program is a subroutine library, you may
consider it more useful to permit linking proprietary applications with the
library. If this is what you want to do, use the GNU Lesser General
Public License instead of this License.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use,
not price. Our General Public Licenses are designed to make sure that
you have the freedom to distribute copies of free software (and charge
for this service if you wish); that you receive source code or can get
it if you want it; that you can change the software and use pieces of
it in new free programs; and that you are informed that you can do
these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.
We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

1.99 nhotkey 1.2.1.0
1.99.1 Available under license :
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
    Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NONINFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
The JsonCpp library's source code, including accompanying documentation, tests and demonstration applications, are licensed under the following conditions...

The author (Baptiste Lepilleur) explicitly disclaims copyright in all jurisdictions which recognize such a disclaimer. In such jurisdictions, this software is released into the Public Domain.

In jurisdictions which do not recognize Public Domain property (e.g. Germany as of 2010), this software is Copyright (c) 2007-2010 by Baptiste Lepilleur, and is released under the terms of the MIT License (see below).

In jurisdictions which recognize Public Domain property, the user of this software may choose to accept it either as 1) Public Domain, 2) under the conditions of the MIT License (see below), or 3) under the terms of dual Public Domain/MIT License conditions described here, as they choose.

The MIT License is about as close to Public Domain as a license can get, and is described in clear, concise terms at:

http://en.wikipedia.org/wiki/MIT_License

The full text of the MIT License follows:

========================================================================
Copyright (c) 2007-2010 Baptiste Lepilleur

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND,
EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF
MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS
BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN
ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

========================================================================

(END LICENSE TEXT)

The MIT license is compatible with both the GPL and commercial
software, affording one all of the rights of Public Domain with the
minor nuisance of being required to keep the above copyright notice
and license text in the source code. Note also that by accepting the
Public Domain "license" you can re-license your copy using whatever
license you like.

1.101 boringssl 3538

1.101.1 Available under license:

BoringSSL is a fork of OpenSSL. As such, large parts of it fall under OpenSSL
licensing. Files that are completely new have a Google copyright and an ISC
license. This license is reproduced at the bottom of this file.

Contributors to BoringSSL are required to follow the CLA rules for Chromium:
https://cla.developers.google.com/clas

Files in third_party/ have their own licenses, as described therein. The MIT
license, for third_party/fiat, which, unlike other third_party directories, is
compiled into non-test libraries, is included below.

The OpenSSL toolkit stays under a dual license, i.e. both the conditions of the
OpenSSL License and the original SSLeay license apply to the toolkit. See below
for the actual license texts. Actually both licenses are BSD-style Open Source
licenses. In case of any license issues related to OpenSSL please contact
openssl-core@openssl.org.

The following are Google-internal bug numbers where explicit permission from
some authors is recorded for use of their work. (This is purely for our own
record keeping.)
27287199
27287880
27287883

OpenSSL License

-------------
/* ====================================================================
* Copyright (c) 1998-2011 The OpenSSL Project.  All rights reserved.
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the above copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in
*    the documentation and/or other materials provided with the
*    distribution.
* 3. All advertising materials mentioning features or use of this
*    software must display the following acknowledgment:
*    "This product includes software developed by the OpenSSL Project
*    for use in the OpenSSL Toolkit. (http://www.openssl.org/)
* 4. The names "OpenSSL Toolkit" and "OpenSSL Project" must not be used to
*    endorse or promote products derived from this software without
*    prior written permission. For written permission, please contact
*    openssl-core@openssl.org.
* 5. Products derived from this software may not be called "OpenSSL"
*    nor may "OpenSSL" appear in their names without prior written
*    permission of the OpenSSL Project.
* 6. Redistributions of any form whatsoever must retain the following
*    acknowledgment:
*    "This product includes software developed by the OpenSSL Project
*    for use in the OpenSSL Toolkit (http://www.openssl.org/)
* THIS SOFTWARE IS PROVIDED BY THE OpenSSL PROJECT ``AS IS'' AND ANY
* EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
* PURPOSE ARE DISCLAIMED.  IN NO EVENT SHALL THE OpenSSL PROJECT OR
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT
* NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
* LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT,
* STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
* ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED
* OF THE POSSIBILITY OF SUCH DAMAGE.
* ====================================================================
 */
* This product includes cryptographic software written by Eric Young
* (eay@cryptsoft.com). This product includes software written by Tim
* Hudson (tjh@cryptsoft.com).
*
*/

Original SSLeay License
-----------------------

/* Copyright (C) 1995-1998 Eric Young (eay@cryptsoft.com)
* All rights reserved.
*
* This package is an SSL implementation written
* by Eric Young (eay@cryptsoft.com).
* The implementation was written so as to conform with Netscapes SSL.
*
* This library is free for commercial and non-commercial use as long as
* the following conditions are aheared to. The following conditions
* apply to all code found in this distribution, be it the RC4, RSA,
* Ihash, DES, etc., code; not just the SSL code. The SSL documentation
* included with this distribution is covered by the same copyright terms
* except that the holder is Tim Hudson (tjh@cryptsoft.com).
*
* Copyright remains Eric Young's, and as such any Copyright notices in
* the code are not to be removed.
* If this package is used in a product, Eric Young should be given attribution
* as the author of the parts of the library used.
* This can be in the form of a textual message at program startup or
* in documentation (online or textual) provided with the package.
*
* Redistribution and use in source and binary forms, with or without
* modification, are permitted provided that the following conditions
* are met:
* 1. Redistributions of source code must retain the copyright
*    notice, this list of conditions and the following disclaimer.
* 2. Redistributions in binary form must reproduce the above copyright
*    notice, this list of conditions and the following disclaimer in the
*    documentation and/or other materials provided with the distribution.
* 3. All advertising materials mentioning features or use of this software
*    must display the following acknowledgement:
*    "This product includes cryptographic software written by
*    Eric Young (eay@cryptsoft.com)"
* The word 'cryptographic' can be left out if the rouines from the library
* being used are not cryptographic related :-).
* 4. If you include any Windows specific code (or a derivative thereof) from
*    the apps directory (application code) you must include an acknowledgement:
*    "This product includes software written by Tim Hudson (tjh@cryptsoft.com)"
* THIS SOFTWARE IS PROVIDED BY ERIC YOUNG ``AS IS'' AND
* ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
* IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
* ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR OR CONTRIBUTORS BE LIABLE
* FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
* DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS
* OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION)
* HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT
* LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY
* OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF
* SUCH DAMAGE.
*
* The licence and distribution terms for any publically available version or
* derivative of this code cannot be changed. i.e. this code cannot simply be
* copied and put under another distribution licence
* [including the GNU Public Licence.]
* */

ISC license used for completely new code in BoringSSL:

/* Copyright (c) 2015, Google Inc.
 *
* Permission to use, copy, modify, and/or distribute this software for any
* purpose with or without fee is hereby granted, provided that the above
* copyright notice and this permission notice appear in all copies.
* *
* THE SOFTWARE IS PROVIDED ''AS IS'' AND THE AUTHOR DISCLAIMS ALL WARRANTIES
* WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
* MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
* SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
* WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION
* OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN
* CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE. */

The code in third_party/fiat carries the MIT license:

Copyright (c) 2015-2016 the fiat-crypto authors (see

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Licenses for support code

Parts of the TLS test suite are under the Go license. This code is not included in BoringSSL (i.e. libcrypt and libssl) when compiled, however, so distributing code linked against BoringSSL does not trigger this license:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
BoringSSL uses the Chromium test infrastructure to run a continuous build, trybots etc. The scripts which manage this, and the script for generating build metadata, are under the Chromium license. Distributing code linked against BoringSSL does not trigger this license.

Copyright 2015 The Chromium Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2010-2011, Ethan Rublee
Copyright (c) 2011-2014, Andrey Kamaev
Copyright (c) 2014, Pavel Rojtberg
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
contributors may be used to endorse or promote products derived from this
software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN
CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

# This file contains a list of people who've made non-trivial
# contribution to the Google C++ Testing Framework project. People
# who commit code to the project are encouraged to add their names
# here. Please keep the list sorted by first names.

Ajay Joshi <jaj@google.com>
Balzs Dn <balazs.dan@gmail.com>
Bharat Mediratta <bharat@menalto.com>
Chandler Carruth <chandlerc@google.com>
Chris Prince <cprince@google.com>
Chris Taylor <taylorc@google.com>
Dan Egnor <egnor@google.com>
Eric Roman <eroman@chromium.org>
Hady Zalek <hady.zalek@gmail.com>
Jeffrey Yasskin <jyasskin@gmail.com>
Ji Sigursson <joi@google.com>
Keir Mierle <mierle@gmail.com>
Keith Ray <keith ray@gmail.com>
Kenton Varda <kenton@google.com>
Manuel Klimiek <klimek@google.com>
Markus Heule <markus.heule@gmail.com>
Mika Raento <mikie@iki.fi>
Mikls Fazekas <mfazekas@szemafor.com>
Pasi Valminen <pasi.valminen@gmail.com>
Patrick Hanna <phanna@google.com>
Patrick Riley <pfr@google.com>
Peter Kaminski <piotr@chromium.org>
Preston Jackson <preston.a.jackson@gmail.com>
Rainer Klaffenboeck <rainer.klaffenboeck@dynatrace.com>
Russ Cox <rsc@google.com>
Russ Rufer <russ@pentad.com>
Sean Mcafee <seefacm@gmail.com>
Sigurur sgeirsson <siggi@google.com>
Tracy Bialik <tracy@pentad.com>
Copyright (c) 2015-2016 the fiat-crypto authors (see https://github.com/mit-plv/fiat-crypto/blob/master/AUTHORS).

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright 2008, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
(an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object
form, that is based on (or derived from) the Work and for which the
editorial revisions, annotations, elaborations, or other modifications
represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain
separable from, or merely link (or bind by name) to the interfaces of,
the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including
the original version of the Work and any modifications or additions
to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner
or by an individual or Legal Entity authorized to submit on behalf of
the copyright owner. For the purposes of this definition, "submitted"
means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier
identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

1.102 nhotkey-wpf 1.2.1.0

1.102.1 Available under license :

Apache License

Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by
the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all
other entities that control, are controlled by, or are under common
control with that entity. For the purposes of this definition,
"control" means (i) the power, direct or indirect, to cause the
direction or management of such entity, whether by contract or
otherwise, or (ii) ownership of fifty percent (50%) or more of the
outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications,
including but not limited to software source code, documentation
source, and configuration files.
"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise,
any Contribution intentionally submitted for inclusion in the Work
by You to the Licensor shall be under the terms and conditions of
this License, without any additional terms or conditions.
Notwithstanding the above, nothing herein shall supersede or modify
the terms of any separate license agreement you may have executed
with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or
agreed to in writing, Licensor provides the Work (and each
Contributor provides its Contributions) on an "AS IS" BASIS.
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions
of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A
PARTICULAR PURPOSE. You are solely responsible for determining the
appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory,
whether in tort (including negligence), contract, or otherwise,
unless required by applicable law (such as deliberate and grossly
negligent acts) or agreed to in writing, shall any Contributor be
liable to You for damages, including any direct, indirect, special,
incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the
Work (including but not limited to damages for loss of goodwill,
work stoppage, computer failure or malfunction, or any and all
other commercial damages or losses), even if such Contributor
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing
the Work or Derivative Works thereof, You may choose to offer,
and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this
License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf
of any other Contributor, and only if You agree to indemnify,
defend, and hold each Contributor harmless for any liability
incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "{}" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

1.103 v8 7.3.492.22
1.103.1 Available under license :

// Copyright 2016 The Chromium Authors. All rights reserved.
//
// Redistribution and use in source and binary forms, with or without
// modification, are permitted provided that the following conditions are
// met:
//
// * Redistributions of source code must retain the above copyright
// notice, this list of conditions and the following disclaimer.
// * Redistributions in binary form must reproduce the above
// copyright notice, this list of conditions and the following disclaimer
// in the documentation and/or other materials provided with the
// distribution.
// * Neither the name of Google Inc. nor the names of its
// contributors may be used to endorse or promote products derived from
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Notice that the following BSD-style license applies to this one file (valgrind.h) only. The rest of Valgrind is licensed under the terms of the GNU General Public License, version 2, unless otherwise indicated. See the COPYING file in the source distribution for details.

This file is part of Valgrind, a dynamic binary instrumentation framework.

Copyright (C) 2000-2010 Julian Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR ``AS IS'' AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

注意事项：上述 BSD-style 许可证仅适用于此文件 (valgrind.h)。Valgrind 的其余部分受 GNU General Public License, version 2 许可证的条款保护。详情见源代码分发中的COPYING文件。

Copyright (c) 1994-2006 Sun Microsystems Inc.
All Rights Reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

- Neither the name of Sun Microsystems or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (C) 1993-2004 by Sun Microsystems, Inc. All rights reserved.

Developed at SunSoft, a Sun Microsystems, Inc. business.
Permission to use, copy, modify, and distribute this software is freely granted, provided that this notice is preserved.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity
exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.
3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided
that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity,
or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

All files in this directory are provided by the following license if not stated otherwise in the individual file:

GPL LICENSE SUMMARY

Copyright (c) 2005-2012 Intel Corporation. All rights reserved.

This program is free software; you can redistribute it and/or modify it under the terms of version 2 of the GNU General Public License as published by the Free Software Foundation.
This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin St - Fifth Floor, Boston, MA 02110-1301 USA. The full GNU General Public License is included in this distribution in the file called LICENSE.GPL.

Contact Information:

BSD LICENSE

Copyright (c) 2005-2012 Intel Corporation. All rights reserved.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Intel Corporation nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This license applies to all parts of V8 that are not externally maintained libraries. The externally maintained libraries used by V8 are:
- PCRE test suite, located in test/mjsunit/third_party/regexp-pcre/regexp-pcre.js. This is based on the test suite from PCRE-7.3, which is copyrighted by the University of Cambridge and Google, Inc. The copyright notice and license are embedded in regexp-pcre.js.

- Layout tests, located in test/mjsunit/third_party/object-keys. These are based on layout tests from webkit.org which are copyrighted by Apple Computer, Inc. and released under a 3-clause BSD license.

- Strongtalk assembler, the basis of the files assembler-arm-inl.h, assembler-arm.cc, assembler-arm.h, assembler-ia32-inl.h, assembler-ia32.cc, assembler-ia32.h, assembler-x64-inl.h, assembler-x64.cc, assembler-x64.h, assembler-mips-inl.h, assembler-mips.cc, assembler-mips.h, assembler.cc and assembler.h. This code is copyrighted by Sun Microsystems Inc. and released under a 3-clause BSD license.

- Valgrind client API header, located at src/third_party/valgrind/valgrind.h This is released under the BSD license.

- The Wasm C/C++ API headers, located at third_party/wasm-api/wasm.{h,hh} This is released under the Apache license. The API's upstream prototype implementation also formed the basis of V8's implementation in src/wasm/c-api.cc.

These libraries have their own licenses; we recommend you read them, as their terms may differ from the terms below.

Further license information can be found in LICENSE files located in sub-directories.

Copyright 2014, the V8 project authors. All rights reserved. Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Notice that the following BSD-style license applies to this one file (valgrind.h) only. The rest of Valgrind is licensed under the terms of the GNU General Public License, version 2, unless otherwise indicated. See the COPYING file in the source distribution for details.

This file is part of Valgrind, a dynamic binary instrumentation framework.

Copyright (C) 2000-2007 Julian Seward. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.

3. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.

4. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "$AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.
ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY
DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL
DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE
GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright 2006-2011, the V8 project authors. All rights reserved.
Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
  copyright notice, this list of conditions and the following
  disclaimer in the documentation and/or other materials provided
  with the distribution.
* Neither the name of Google Inc. nor the names of its
  contributors may be used to endorse or promote products derived
  from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

PCRE LICENCE

PCRE is a library of functions to support regular expressions whose syntax
and semantics are as close as possible to those of the Perl 5 language.

Release 7 of PCRE is distributed under the terms of the "BSD" licence, as
specified below. The documentation for PCRE, supplied in the "doc"
directory, is distributed under the same terms as the software itself.

The basic library functions are written in C and are freestanding. Also
included in the distribution is a set of C++ wrapper functions.
THE BASIC LIBRARY FUNCTIONS
-----------------------------

Written by: Philip Hazel
Email local part: ph10
Email domain: cam.ac.uk

University of Cambridge Computing Service,

Copyright (c) 1997-2007 University of Cambridge
All rights reserved.

THE C++ WRAPPER FUNCTIONS
---------------------------

Contributed by: Google Inc.

Copyright (c) 2007, Google Inc.
All rights reserved.

THE "BSD" LICENCE
-----------------

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright
  notice, this list of conditions and the following disclaimer in the
  documentation and/or other materials provided with the distribution.

* Neither the name of the University of Cambridge nor the name of Google
  Inc. nor the names of their contributors may be used to endorse or
  promote products derived from this software without specific prior
  written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE
LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS
INTERUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

End
Copyright (c) 2006 Apple Computer, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. Neither the name of the copyright holder(s) nor the names of any contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2010 Jonathan Hartley
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of the copyright holders, nor those of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

CC0 1.0 Universal

Statement of Purpose

The laws of most jurisdictions throughout the world automatically confer exclusive Copyright and Related Rights (defined below) upon the creator and subsequent owner(s) (each and all, an "owner") of an original work of authorship and/or a database (each, a "Work").

Certain owners wish to permanently relinquish those rights to a Work for the purpose of contributing to a commons of creative, cultural and scientific works ("Commons") that the public can reliably and without fear of later claims of infringement build upon, modify, incorporate in other works, reuse and redistribute as freely as possible in any form whatsoever and for any purposes, including without limitation commercial purposes. These owners may contribute to the Commons to promote the ideal of a free culture and the further production of creative, cultural and scientific works, or to gain reputation or greater distribution for their Work in part through the use and efforts of others.

For these and/or other purposes and motivations, and without any expectation of additional consideration or compensation, the person associating CC0 with a Work (the "Affirmer"), to the extent that he or she is an owner of Copyright and Related Rights in the Work, voluntarily elects to apply CC0 to the Work and publicly distribute the Work under its terms, with knowledge of his or her Copyright and Related Rights in the Work and the meaning and intended legal effect of CC0 on those rights.

1. Copyright and Related Rights. A Work made available under CC0 may be protected by copyright and related or neighboring rights ("Copyright and Related Rights"). Copyright and Related Rights include, but are not limited to, the following:

Open Source Used In Webex Teams Desktop Client EFT-b 3.0.15894.0 811
i. the right to reproduce, adapt, distribute, perform, display, communicate, and translate a Work;

ii. moral rights retained by the original author(s) and/or performer(s);

iii. publicity and privacy rights pertaining to a person's image or likeness depicted in a Work;

iv. rights protecting against unfair competition in regards to a Work, subject to the limitations in paragraph 4(a), below;

v. rights protecting the extraction, dissemination, use and reuse of data in a Work;

vi. database rights (such as those arising under Directive 96/9/EC of the European Parliament and of the Council of 11 March 1996 on the legal protection of databases, and under any national implementation thereof, including any amended or successor version of such directive); and

vii. other similar, equivalent or corresponding rights throughout the world based on applicable law or treaty, and any national implementations thereof.

2. Waiver. To the greatest extent permitted by, but not in contravention of, applicable law, Affirmer hereby overtly, fully, permanently, irrevocably and unconditionally waives, abandons, and surrenders all of Affirmer's Copyright and Related Rights and associated claims and causes of action, whether now known or unknown (including existing as well as future claims and causes of action), in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "Waiver"). Affirmer makes the Waiver for the benefit of each member of the public at large and to the detriment of Affirmer's heirs and successors, fully intending that such Waiver shall not be subject to revocation, rescission, cancellation, termination, or any other legal or equitable action to disrupt the quiet enjoyment of the Work by the public as contemplated by Affirmer's express Statement of Purpose.

3. Public License Fallback. Should any part of the Waiver for any reason be judged legally invalid or ineffective under applicable law, then the Waiver shall be preserved to the maximum extent permitted taking into account Affirmer's express Statement of Purpose. In addition, to the extent the Waiver is so judged Affirmer hereby grants to each affected person a royalty-free, non transferable, non sublicensable, non exclusive, irrevocable and unconditional license to exercise Affirmer's Copyright and Related Rights in the Work (i) in all territories worldwide, (ii) for the maximum duration provided by applicable law or treaty (including future time extensions), (iii) in any current or future medium and for any number of copies, and (iv) for any
purpose whatsoever, including without limitation commercial, advertising or promotional purposes (the "License"). The License shall be deemed effective as of the date CC0 was applied by Affirmer to the Work. Should any part of the License for any reason be judged legally invalid or ineffective under applicable law, such partial invalidity or ineffectiveness shall not invalidate the remainder of the License, and in such case Affirmer hereby affirms that he or she will not (i) exercise any of his or her remaining Copyright and Related Rights in the Work or (ii) assert any associated claims and causes of action with respect to the Work, in either case contrary to Affirmer's express Statement of Purpose.

4. Limitations and Disclaimers.

a. No trademark or patent rights held by Affirmer are waived, abandoned, surrendered, licensed or otherwise affected by this document.

b. Affirmer offers the Work as-is and makes no representations or warranties of any kind concerning the Work, express, implied, statutory or otherwise, including without limitation warranties of title, merchantability, fitness for a particular purpose, non infringement, or the absence of latent or other defects, accuracy, or the present or absence of errors, whether or not discoverable, all to the greatest extent permissible under applicable law.

c. Affirmer disclaims responsibility for clearing rights of other persons that may apply to the Work or any use thereof, including without limitation any person's Copyright and Related Rights in the Work. Further, Affirmer disclaims responsibility for obtaining any necessary consents, permissions or other rights required for any use of the Work.

d. Affirmer understands and acknowledges that Creative Commons is not a party to this document and has no duty or obligation with respect to this CC0 or use of the Work.

For more information, please see
<http://creativecommons.org/publicdomain/zero/1.0/>
Tests included here are based on build output generated by the six-speed benchmark suite.

Copyright (c) 2015 Kevin Decker

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
OPEN SOURCE USED IN WEBEX TEAMS DESKTOP CLIENT

EFT-b 3.0.15894.0  814

copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

A. HISTORY OF THE SOFTWARE

PYTHON WAS CREATED IN THE EARLY 1990s BY GUIDO VAN ROSSUM AT STICHTING MATHEMATISCH CENTRUM (CWI, SEE HTTP://WWW.CWI.NL) IN THE NETHERLANDS AS A SUCCESSOR OF A LANGUAGE CALLED ABC. GUIDO REMAINS PYTHON'S PRINCIPAL AUTHOR, ALTHOUGH IT INCLUDES MANY CONTRIBUTIONS FROM OTHERS.

IN 1995, GUIDO CONTINUED HIS WORK ON PYTHON AT THE CORPORATION FOR NATIONAL RESEARCH INITIATIVES (CNRI, SEE HTTP://WWW.CNRI.RESTON.VA.US) IN RESTON, VIRGINIA WHERE HE RELEASED SEVERAL VERSIONS OF THE SOFTWARE.


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.

<table>
<thead>
<tr>
<th>Release from</th>
<th>Derived from</th>
<th>Year</th>
<th>Owner</th>
<th>GPL-compatible? (1)</th>
</tr>
</thead>
<tbody>
<tr>
<td>0.9.0 thru 1.2</td>
<td>1.2</td>
<td>1991-1995</td>
<td>CWI</td>
<td>yes</td>
</tr>
<tr>
<td>1.3 thru 1.5.2</td>
<td>1.2</td>
<td>1995-1999</td>
<td>CNRI</td>
<td>yes</td>
</tr>
<tr>
<td>1.6</td>
<td>1.5.2</td>
<td>2000</td>
<td>CNRI</td>
<td>no</td>
</tr>
<tr>
<td>2.0</td>
<td>1.6</td>
<td>2000</td>
<td>BeOpen.com</td>
<td>no</td>
</tr>
<tr>
<td>1.6</td>
<td>1.6</td>
<td>2001</td>
<td>CNRI</td>
<td>yes (2)</td>
</tr>
<tr>
<td>2.1</td>
<td>2.0+1.6.1</td>
<td>2001</td>
<td>PSF</td>
<td>no</td>
</tr>
<tr>
<td>2.0.1</td>
<td>2.0+1.6.1</td>
<td>2001</td>
<td>PSF</td>
<td>yes</td>
</tr>
<tr>
<td>2.1.1</td>
<td>2.1+2.0.1</td>
<td>2001</td>
<td>PSF</td>
<td>yes</td>
</tr>
<tr>
<td>2.1.2</td>
<td>2.1.1</td>
<td>2002</td>
<td>PSF</td>
<td>yes</td>
</tr>
<tr>
<td>2.1.3</td>
<td>2.1.2</td>
<td>2002</td>
<td>PSF</td>
<td>yes</td>
</tr>
</tbody>
</table>
Footnotes:

(1) GPL-compatible doesn't mean that we're distributing Python under the GPL. All Python licenses, unlike the GPL, let you distribute a modified version without making your changes open source. The GPL-compatible licenses make it possible to combine Python with other software that is released under the GPL; the others don't.

(2) According to Richard Stallman, 1.6.1 is not GPL-compatible, because its license has a choice of law clause. According to CNRI, however, Stallman's lawyer has told CNRI's lawyer that 1.6.1 is "not incompatible" with the GPL.

Thanks to the many outside volunteers who have worked under Guido's direction to make these releases possible.

B. TERMS AND CONDITIONS FOR ACCESSING OR OTHERWISE USING PYTHON

PYTHON SOFTWARE FOUNDATION LICENSE VERSION 2

1. This LICENSE AGREEMENT is between the Python Software Foundation ("PSF"), and the Individual or Organization ("Licensee") accessing and otherwise using this software ("Python") in source or binary form and its associated documentation.


3. In the event Licensee prepares a derivative work that is based on or incorporates Python or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python.

4. PSF is making Python available to Licensee on an "AS IS" basis. PSF MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR
IMPLIES. BY WAY OF EXAMPLE, BUT NOT LIMITATION, PSF MAKES NO AND
DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS
FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON WILL NOT
INFRINGEMENT THIRD PARTY RIGHTS.

5. PSF SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON
FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS
A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON,
OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material
breach of its terms and conditions.

7. Nothing in this License Agreement shall be deemed to create any
relationship of agency, partnership, or joint venture between PSF and
Licensee. This License Agreement does not grant permission to use PSF
trademarks or trade name in a trademark sense to endorse or promote
products or services of Licensee, or any third party.

8. By copying, installing or otherwise using Python, Licensee
agrees to be bound by the terms and conditions of this License
Agreement.

BEOPEN.COM LICENSE AGREEMENT FOR PYTHON 2.0
-------------------------------------------

BEOPEN PYTHON OPEN SOURCE LICENSE AGREEMENT VERSION 1

1. This LICENSE AGREEMENT is between BeOpen.com ("BeOpen"), having an
office at 160 Saratoga Avenue, Santa Clara, CA 95051, and the
Individual or Organization ("Licensee") accessing and otherwise using
this software in source or binary form and its associated
documentation ("the Software").

2. Subject to the terms and conditions of this BeOpen Python License
Agreement, BeOpen hereby grants Licensee a non-exclusive,
royalty-free, world-wide license to reproduce, analyze, test, perform
and/or display publicly, prepare derivative works, distribute, and
otherwise use the Software alone or in any derivative version,
provided, however, that the BeOpen Python License is retained in the
Software, alone or in any derivative version prepared by Licensee.

3. BeOpen is making the Software available to Licensee on an "AS IS"
basis. BEOPEN MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR
IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, BEOPEN MAKES NO AND
DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS
FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE WILL NOT
INFRINGE ANY THIRD PARTY RIGHTS.

4. BEOPEN SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF THE SOFTWARE FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THE SOFTWARE, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

5. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

6. This License Agreement shall be governed by and interpreted in all respects by the law of the State of California, excluding conflict of law provisions. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between BeOpen and Licensee. This License Agreement does not grant permission to use BeOpen trademarks or trade names in a trademark sense to endorse or promote products or services of Licensee, or any third party. As an exception, the "BeOpen Python" logos available at http://www.pythonlabs.com/logos.html may be used according to the permissions granted on that web page.

7. By copying, installing or otherwise using the software, Licensee agrees to be bound by the terms and conditions of this License Agreement.

CNRI LICENSE AGREEMENT FOR PYTHON 1.6.1

1. This LICENSE AGREEMENT is between the Corporation for National Research Initiatives, having an office at 1895 Preston White Drive, Reston, VA 20191 (“CNRI”), and the Individual or Organization (“Licensee”) accessing and otherwise using Python 1.6.1 software in source or binary form and its associated documentation.

2. Subject to the terms and conditions of this License Agreement, CNRI hereby grants Licensee a nonexclusive, royalty-free, world-wide license to reproduce, analyze, test, perform and/or display publicly, prepare derivative works, distribute, and otherwise use Python 1.6.1 alone or in any derivative version, provided, however, that CNRI's License Agreement and CNRI's notice of copyright, i.e., "Copyright (c) 1995-2001 Corporation for National Research Initiatives; All Rights Reserved" are retained in Python 1.6.1 alone or in any derivative version prepared by Licensee. Alternately, in lieu of CNRI's License Agreement, Licensee may substitute the following text (omitting the quotes): "Python 1.6.1 is made available subject to the terms and conditions in CNRI's License Agreement. This Agreement together with Python 1.6.1 may be located on the Internet using the following
unique, persistent identifier (known as a handle): 1895.22/1013. This Agreement may also be obtained from a proxy server on the Internet using the following URL: http://hdl.handle.net/1895.22/1013”.

3. In the event Licensee prepares a derivative work that is based on or incorporates Python 1.6.1 or any part thereof, and wants to make the derivative work available to others as provided herein, then Licensee hereby agrees to include in any such work a brief summary of the changes made to Python 1.6.1.

4. CNRI is making Python 1.6.1 available to Licensee on an "AS IS" basis. CNRI MAKES NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED. BY WAY OF EXAMPLE, BUT NOT LIMITATION, CNRI MAKES NO AND DISCLAIMS ANY REPRESENTATION OR WARRANTY OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF PYTHON 1.6.1 WILL NOT INFRINGE ANY THIRD PARTY RIGHTS.

5. CNRI SHALL NOT BE LIABLE TO LICENSEE OR ANY OTHER USERS OF PYTHON 1.6.1 FOR ANY INCIDENTAL, SPECIAL, OR CONSEQUENTIAL DAMAGES OR LOSS AS A RESULT OF MODIFYING, DISTRIBUTING, OR OTHERWISE USING PYTHON 1.6.1, OR ANY DERIVATIVE THEREOF, EVEN IF ADVISED OF THE POSSIBILITY THEREOF.

6. This License Agreement will automatically terminate upon a material breach of its terms and conditions.

7. This License Agreement shall be governed by the federal intellectual property law of the United States, including without limitation the federal copyright law, and, to the extent such U.S. federal law does not apply, by the law of the Commonwealth of Virginia, excluding Virginia’s conflict of law provisions. Notwithstanding the foregoing, with regard to derivative works based on Python 1.6.1 that incorporate non-separable material that was previously distributed under the GNU General Public License (GPL), the law of the Commonwealth of Virginia shall govern this License Agreement only as to issues arising under or with respect to Paragraphs 4, 5, and 7 of this License Agreement. Nothing in this License Agreement shall be deemed to create any relationship of agency, partnership, or joint venture between CNRI and Licensee. This License Agreement does not grant permission to use CNRI trademarks or trade name in a trademark sense to endorse or promote products or services of Licensee, or any third party.

8. By clicking on the "ACCEPT" button where indicated, or by copying, installing or otherwise using Python 1.6.1, Licensee agrees to be bound by the terms and conditions of this License Agreement.

ACCEPT
CWI LICENSE AGREEMENT FOR PYTHON 0.9.0 THROUGH 1.2

Copyright (c) 1991 - 1995, Stichting Mathematisch Centrum Amsterdam, The Netherlands. All rights reserved.

Permission to use, copy, modify, and distribute this software and its documentation for any purpose and without fee is hereby granted, provided that the above copyright notice appear in all copies and that both that copyright notice and this permission notice appear in supporting documentation, and that the name of Stichting Mathematisch Centrum or CWI not be used in advertising or publicity pertaining to distribution of the software without specific, written prior permission.

STICHTING MATHEMATISCH CENTRUM DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE, INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS, IN NO EVENT SHALL STICHTING MATHEMATISCH CENTRUM BE LIABLE FOR ANY SPECIAL, INDIRECT OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

W3C 3-clause BSD License

http://www.w3.org/Consortium/Legal/2008/03-bsd-license.html

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of works must retain the original copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the original copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of the W3C nor the names of its contributors may be used to endorse or promote products derived from this work without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.104 libtiff 4.0.9

1.104.1 Available under license :
Copyright (c) 1988-1997 Sam Leffler
Copyright (c) 1991-1997 Silicon Graphics, Inc.

Permission to use, copy, modify, distribute, and sell this software and its documentation for any purpose is hereby granted without fee, provided that (i) the above copyright notices and this permission notice appear in all copies of the software and related documentation, and (ii) the names of Sam Leffler and Silicon Graphics may not be used in any advertising or publicity relating to the software without the specific, prior written permission of Sam Leffler and Silicon Graphics.

THE SOFTWARE IS PROVIDED "AS-IS" AND WITHOUT WARRANTY OF ANY KIND, EXPRESS, IMPLIED OR OTHERWISE, INCLUDING WITHOUT LIMITATION, ANY WARRANTY OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE.

IN NO EVENT SHALL SAM LEFFLER OR SILICON GRAPHICS BE LIABLE FOR ANY SPECIAL, INCIDENTAL, INDIRECT OR CONSEQUENTIAL DAMAGES OF ANY KIND, OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER OR NOT ADVISED OF THE POSSIBILITY OF DAMAGE, AND ON ANY THEORY OF LIABILITY, ARISING OUT OF OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.

1.105 newtonsoft-json 10.0.3

1.105.1 Available under license :
7-Zip Command line version
~~~~~~~~~~~~~~~~~~~~~~~~~~
License for use and distribution
~~~~~~~~~~~~~~~~~~~~~~~~~~

7-Zip Copyright (C) 1999-2009 Igor Pavlov.

7za.exe is distributed under the GNU LGPL license

Notes:
You can use 7-Zip on any computer, including a computer in a commercial organization. You don't need to register or pay for 7-Zip.
GNU LGPL information

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Copyright (c) 2007 James Newton-King

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts]
as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

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, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser 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 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.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients' exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.

11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply,
and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any
patents or other property right claims or to contest validity of any
such claims; this section has the sole purpose of protecting the
integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
The MIT License (MIT)

Copyright (c) 2007 James Newton-King

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.106 zlib 1.2.11
1.106.1 Available under license :
Boost Software License - Version 1.0 - August 17th, 2003

Permission is hereby granted, free of charge, to any person or organization obtaining a copy of the software and accompanying documentation covered by this license (the "Software") to use, reproduce, display, distribute, execute, and transmit the Software, and to prepare derivative works of the Software, and to permit third-parties to whom the Software is furnished to do so, all subject to the following:

The copyright notices in the Software and this entire statement, including
the above license grant, this restriction and the following disclaimer, must be included in all copies of the Software, in whole or in part, and all derivative works of the Software, unless such copies or derivative works are solely in the form of machine-executable object code generated by a source language processor.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE AND NON-INFRINGEMENT. IN NO EVENT SHALL THE COPYRIGHT HOLDERS OR ANYONE DISTRIBUTING THE SOFTWARE BE LIABLE FOR ANY DAMAGES OR OTHER LIABILITY, WHETHER IN CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

/* zlib.h -- interface of the 'zlib' general purpose compression library version 1.2.11, January 15th, 2017

Copyright (C) 1995-2017 Jean-loup Gailly and Mark Adler

This software is provided 'as-is', without any express or implied warranty. In no event will the authors be held liable for any damages arising from the use of this software.

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. The origin of this software must not be misrepresented; you must not claim that you wrote the original software. If you use this software in a product, an acknowledgment in the product documentation would be appreciated but is not required.
2. Altered source versions must be plainly marked as such, and must not be misrepresented as being the original software.
3. This notice may not be removed or altered from any source distribution.

Jean-loup Gailly        Mark Adler
jloup@gzip.org          madler@alumni.caltech.edu

*/

1.107 libpng 1.6.19
1.107.1 Available under license:

his copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:
If you modify libpng you may insert additional notices immediately following this sentence.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000, through 1.6.19, November 12, 2015, are Copyright (c) 2000-2002, 2004, 2006-2015 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors"
is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors
and Group 42, Inc. disclaim all warranties, expressed or implied,
including, without limitation, the warranties of merchantability and of
fitness for any purpose. The Contributing Authors and Group 42, Inc.
assume no liability for direct, indirect, incidental, special, exemplary,
or consequential damages, which may result from the use of the PNG
Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this
source code, or portions hereof, for any purpose, without fee, subject
to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not
be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any
source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without
fee, and encourage the use of this source code as a component to
supporting the PNG file format in commercial products. If you use this
source code in a product, acknowledgment is not required but would be
appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

A "png_get_copyright" function is available, for convenient use in "about"
boxes and the like:

    printf("%s", png_get_copyright(NULL));
Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a certification mark of the Open Source Initiative. OSI has not addressed the additional disclaimers inserted at version 1.0.7.

Glenn Randers-Pehrson
glenrp at users.sourceforge.net
November 12, 2015
/* pngset.c - storage of image information into info struct
 *
 * Last changed in libpng 1.6.19 [November 12, 2015]
 * Copyright (c) 1998-2015 Glenn Randers-Pehrson
 * (Version 0.96 Copyright (c) 1996, 1997 Andreas Dilger)
 * (Version 0.88 Copyright (c) 1995, 1996 Guy Eric Schalnat, Group 42, Inc.)
 * This code is released under the libpng license.
 * For conditions of distribution and use, see the disclaimer
 * and license in png.h
 *
 * The functions here are used during reads to store data from the file
 * into the info struct, and during writes to store application data
 * into the info struct for writing into the file. This abstracts the
 * info struct and allows us to change the structure in the future.
 */

This copy of the libpng notices is provided for your convenience. In case of any discrepancy between this copy and the notices in the file png.h that is included in the libpng distribution, the latter shall prevail.

COPYRIGHT NOTICE, DISCLAIMER, and LICENSE:

If you modify libpng you may insert additional notices immediately following this sentence.

This code is released under the libpng license.

libpng versions 1.0.7, July 1, 2000, through 1.6.19, November 12, 2015, are Copyright (c) 2000-2002, 2004, 2006-2015 Glenn Randers-Pehrson, are derived from libpng-1.0.6, and are distributed according to the same disclaimer and license as libpng-1.0.6 with the following individuals added to the list of Contributing Authors:

Simon-Pierre Cadieux
Eric S. Raymond
Mans Rullgard
Cosmin Truta
Gilles Vollant
James Yu

and with the following additions to the disclaimer:

There is no warranty against interference with your enjoyment of the library or against infringement. There is no warranty that our efforts or the library will fulfill any of your particular purposes or needs. This library is provided with all faults, and the entire risk of satisfactory quality, performance, accuracy, and effort is with the user.

libpng versions 0.97, January 1998, through 1.0.6, March 20, 2000, are Copyright (c) 1998-2000 Glenn Randers-Pehrson, are derived from libpng-0.96, and are distributed according to the same disclaimer and license as libpng-0.96, with the following individuals added to the list of Contributing Authors:

Tom Lane
Glenn Randers-Pehrson
Willem van Schaik

libpng versions 0.89, June 1996, through 0.96, May 1997, are
Copyright (c) 1996-1997 Andreas Dilger, are derived from libpng-0.88, and are distributed according to the same disclaimer and license as libpng-0.88, with the following individuals added to the list of Contributing Authors:

John Bowler
Kevin Bracey
Sam Bushell
Magnus Holmgren
Greg Roelofs
Tom Tanner

libpng versions 0.5, May 1995, through 0.88, January 1996, are
Copyright (c) 1995-1996 Guy Eric Schalnat, Group 42, Inc.

For the purposes of this copyright and license, "Contributing Authors" is defined as the following set of individuals:

Andreas Dilger
Dave Martindale
Guy Eric Schalnat
Paul Schmidt
Tim Wegner

The PNG Reference Library is supplied "AS IS". The Contributing Authors
and Group 42, Inc. disclaim all warranties, expressed or implied, including, without limitation, the warranties of merchantability and of fitness for any purpose. The Contributing Authors and Group 42, Inc. assume no liability for direct, indirect, incidental, special, exemplary, or consequential damages, which may result from the use of the PNG Reference Library, even if advised of the possibility of such damage.

Permission is hereby granted to use, copy, modify, and distribute this source code, or portions hereof, for any purpose, without fee, subject to the following restrictions:

1. The origin of this source code must not be misrepresented.

2. Altered versions must be plainly marked as such and must not be misrepresented as being the original source.

3. This Copyright notice may not be removed or altered from any source or altered source distribution.

The Contributing Authors and Group 42, Inc. specifically permit, without fee, and encourage the use of this source code as a component to supporting the PNG file format in commercial products. If you use this source code in a product, acknowledgment is not required but would be appreciated.

END OF COPYRIGHT NOTICE, DISCLAIMER, and LICENSE.

A "png_get_copyright" function is available, for convenient use in "about" boxes and the like:

```c
printf("%s", png_get_copyright(NULL));
```

Also, the PNG logo (in PNG format, of course) is supplied in the files "pngbar.png" and "pngbar.jpg (88x31) and "pngnow.png" (98x31).

Libpng is OSI Certified Open Source Software. OSI Certified Open Source is a certification mark of the Open Source Initiative. OSI has not addressed the additional disclaimers inserted at version 1.0.7.

Glenn Randers-Pehrson
glennrp at users.sourceforge.net
November 12, 2015

---------------------------------------------------------------------------

Copyright (c) 1998-2008 Greg Roelofs. All rights reserved.

This software is provided "as is," without warranty of any kind, express or implied. In no event shall the author or contributors
be held liable for any damages arising in any way from the use of this software.

The contents of this file are DUAL-LICENSED. You may modify and/or redistribute this software according to the terms of one of the following two licenses (at your option):

LICENSE 1 ("BSD-like with advertising clause"):

Permission is granted to anyone to use this software for any purpose, including commercial applications, and to alter it and redistribute it freely, subject to the following restrictions:

1. Redistributions of source code must retain the above copyright notice, disclaimer, and this list of conditions.
2. Redistributions in binary form must reproduce the above copyright notice, disclaimer, and this list of conditions in the documentation and/or other materials provided with the distribution.
3. All advertising materials mentioning features or use of this software must display the following acknowledgment:

   This product includes software developed by Greg Roelofs and contributors for the book, "PNG: The Definitive Guide," published by O'Reilly and Associates.

LICENSE 2 (GNU GPL v2 or later):

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

*/
* png2pnm.c --- conversion from PNG-file to PGM/PPM-file
* copyright (C) 1999 by Willem van Schaik <willem@schaik.com>
*
* version 1.0 - 1999.10.15 - First version.
* Permission to use, copy, modify, and distribute this software and
* its documentation for any purpose and without fee is hereby granted,
* provided that the above copyright notice appear in all copies and
* that both that copyright notice and this permission notice appear in
* supporting documentation. This software is provided "as is" without
* express or implied warranty.
*/

Cisco and the Cisco logo are trademarks or registered trademarks of Cisco and/or its affiliates in the U.S. and other countries. To view a list of Cisco trademarks, go to this URL: www.cisco.com/go/trademarks. Third-party trademarks mentioned are the property of their respective owners. The use of the word partner does not imply a partnership relationship between Cisco and any other company. (1110R)

©2020 Cisco Systems, Inc. All rights reserved.