

**Oracle® Communications
WebRTC Session Controller**

Licensing Information User Manual

Release 7.2

E69519-02

December 2016

Copyright © 2000, 2016, Oracle and/or its affiliates. All rights reserved.

This software and related documentation are provided under a license agreement containing restrictions on use and disclosure and are protected by intellectual property laws. Except as expressly permitted in your license agreement or allowed by law, you may not use, copy, reproduce, translate, broadcast, modify, license, transmit, distribute, exhibit, perform, publish, or display any part, in any form, or by any means. Reverse engineering, disassembly, or decompilation of this software, unless required by law for interoperability, is prohibited.

The information contained herein is subject to change without notice and is not warranted to be error-free. If you find any errors, please report them to us in writing.

If this is software or related documentation that is delivered to the U.S. Government or anyone licensing it on behalf of the U.S. Government, then the following notice is applicable:

U.S. GOVERNMENT END USERS: Oracle programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, delivered to U.S. Government end users are “commercial computer software” pursuant to the applicable Federal Acquisition Regulation and agency-specific supplemental regulations. As such, use, duplication, disclosure, modification, and adaptation of the programs, including any operating system, integrated software, any programs installed on the hardware, and/or documentation, shall be subject to license terms and license restrictions applicable to the programs. No other rights are granted to the U.S. Government.

This software or hardware is developed for general use in a variety of information management applications. It is not developed or intended for use in any inherently dangerous applications, including applications that may create a risk of personal injury. If you use this software or hardware in dangerous applications, then you shall be responsible to take all appropriate fail-safe, backup, redundancy, and other measures to ensure its safe use. Oracle Corporation and its affiliates disclaim any liability for any damages caused by use of this software or hardware in dangerous applications.

Oracle and Java are registered trademarks of Oracle and/or its affiliates. Other names may be trademarks of their respective owners.

Intel and Intel Xeon are trademarks or registered trademarks of Intel Corporation. All SPARC trademarks are used under license and are trademarks or registered trademarks of SPARC International, Inc. AMD, Opteron, the AMD logo, and the AMD Opteron logo are trademarks or registered trademarks of Advanced Micro Devices. UNIX is a registered trademark of The Open Group.

This software or hardware and documentation may provide access to or information about content, products, and services from third parties. Oracle Corporation and its affiliates are not responsible for and expressly disclaim all warranties of any kind with respect to third-party content, products, and services unless otherwise set forth in an applicable agreement between you and Oracle. Oracle Corporation and its affiliates will not be responsible for any loss, costs, or damages incurred due to your access to or use of third-party content, products, or services, except as set forth in an applicable agreement between you and Oracle.

Contents

Introduction.....	1
Licensing Information	2
Third-Party Notices	3
Commercial Software	3
Open Source Software	3
Third-Party Licenses.....	7
Apache License, Version 2.0.....	7
Google License.....	9
ISC License	9
libjpeg-turbo 1.3.1 License	10
Mozilla Public License.....	10
OpenSSL License	15
Opus License.....	17
The BSD License	22
The MIT License	23
webrtc License.....	24
WTFPL License	39
Zlib License.....	39

Introduction

This Licensing Information document is a part of the product or program documentation under the terms of your Oracle license agreement and is intended to help you understand the program editions, entitlements, restrictions, prerequisites, special license rights, and/or separately licensed third party technology terms associated with the Oracle software program(s) covered by this document (the “Program(s)”). Entitled or restricted use products or components identified in this document that are not provided with the particular Program may be obtained from the Oracle Software Delivery Cloud website (<https://edelivery.oracle.com>) or from media Oracle may provide. If you have a question about your license rights and obligations, please contact your Oracle sales representative, review the information provided in Oracle’s Software Investment Guide (<http://www.oracle.com/us/corporate/pricing/software-investment-guide/index.html>), and/or contact the applicable Oracle License Management Services representative listed on <http://www.oracle.com/us/corporate/license-management-services/index.html>.

Licensing Information

Product	Licensing Description
<p>Oracle Communications WebRTC Session Controller</p>	<p>Oracle Communications WebRTC Session Controller enables the Communication Service Providers, Enterprises and Contact Centers to enable web browsers as a native communication end point.</p> <p>Includes the following products:</p> <p>A license to Oracle Communications WebRTC Session Controller includes a restricted-use license to Oracle Communications Converged Application Server, Enterprise Edition and Oracle Communications Application Session Controller. Oracle Communications Converged Application Server, Enterprise Edition may be used solely to deploy and run Oracle Communications WebRTC Session Controller. Oracle Communications Application Session Controller may be used solely for web-based Communication services with Oracle Communications WebRTC Session Controller.</p> <p>Oracle Coherence Enterprise Edition v12.1.3 is embedded in Oracle Communications WebRTC Session Controller. Oracle Coherence Enterprise Edition v12.1.3 may be used solely as embedded Oracle Communications WebRTC Session Controller to support the Oracle Communications WebRTC Session Controller user interface.</p>

Third-Party Notices

Commercial Software

Commercial software products or components distributed in Oracle Communications WebRTC Session Controller are identified in the following table along with the applicable licensing information.

Provider	Component(s)	Functionality	Licensing Information
No commercial 3rd party software is used in this release.			

Open Source Software

Required notices for open source software products or components distributed in Oracle Communications WebRTC Session Controller are identified in the following table along with the applicable licensing information. For the full text of each license, see [Third Party Licenses](#) in this document. Additional notices and/or licenses may be found in the included documentation or readme files of the individual third party open source software.

Provider	Component(s)	Functionality	Licensing Information
Android	Ashmem	For software development	Apache License Version 2.0, January 2004 http://www.apache.org/licenses For a copy of the license, see Apache License, Version 2.0 .
Apache Software Foundation	Log4j 2.4.1	For software development	Apache log4j Copyright 2007 The Apache Software Foundation This product includes software developed at The Apache Software Foundation (http://www.apache.org) For a copy of the license, see Apache License, Version 2.0 .
Bootstrap Core Team	Bootstrap 3.3.5	For software development	Copyright © 2011-2016 Twitter, Inc. For a copy of the license, see The MIT License .
David M. Gay	dmg_fp	For software development	Copyright © 1991, 2000, 2001 by Lucent Technologies. For a copy of the license, see The MIT License .
Google, Inc.	Protobuf (Protocol Buffers) r476	Ships with the product	Copyright © 2014, Google Inc. All rights reserved. For a copy of the license, see Google License .
	BoringSSL	For software development	Copyright © 2004-2013 by Internet Systems Consortium, Inc. ("ISC") Copyright © 1995-2003 by Internet Software Consortium For a copy of the license, see ISC License . The original OpenSSL components are covered under

Provider	Component(s)	Functionality	Licensing Information
			<p>the OpenSSL License:</p> <p>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.</p> <p>Copyright (c) 1998-2011 The OpenSSL Project. All rights reserved.</p> <p>For a copy of the license, see OpenSSL License.</p>
	Dynamic_annotations 4384	For software development	<p>Copyright © 2008-2009, Google Inc. All rights reserved.</p> <p>For a copy of the license, see Google License.</p>
	Python-gflags Version 2.0, revision 41	For software development	<p>Copyright © 2002, Google Inc. All rights reserved.</p> <p>For a copy of the license, see The BSD License.</p>
	WebRTC Project	Ships with the product	<p>Copyright © 2011, The WebRTC Project Authors. All rights reserved.</p> <p>For a copy of the license, see The BSD License.</p>
icu-project.org	icu 54.1	For software development	<p>Copyright © 1995-2015 International Business Machines Corporation and others.</p> <p>For a copy of the license, see ISC License.</p>
Jean-loup Gailly and Mark Adler	zlib 1.2.5	Ships with product	<p>Copyright © 1995-2010 Jean-loup Gailly and Mark Adler</p> <p>For a copy of the license, see Zlib License.</p>
Jgallen23	TOC 0.3.2	Ships with the product	<p>Copyright © 2013 Greg Allen</p> <p>For a copy of the license, see The MIT License.</p>
jsoncpp	Jsoncpp	For software development	<p>Copyright © 2007-2010 Baptiste Lepilleur</p> <p>For a copy of the license, see The MIT License.</p>
Khronos Group	Openmax_dl 1.0.2	For software development	<p>Copyright © 2010 of the Khronos Group. All rights reserved.</p> <p>For a copy of the license, see The BSD License.</p>
Libexpat.org	Expat 2.1.0	For software development	<p>Copyright © 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper.</p> <p>Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.</p> <p>For a copy of the license, see The MIT License.</p>
libjpeg-turbo	libjpeg-turbo 1.3.1	For software development	<p>This software is copyright © 1991-2012, Thomas G. Lane, Guido Vollbeding.</p> <p>For a copy of the license, see libjpeg-turbo 1.3.1 License.</p>
Libsrtp	libsrtp 1.5.2	Ships with the product	<p>Copyright © 2001-2005 Cisco Systems, Inc. All rights reserved.</p> <p>For a copy of the license, see The BSD License.</p>

Provider	Component(s)	Functionality	Licensing Information
The LibYuv Project	LibYuv r1437	For software development	Copyright © 2011 The LibYuv Project Authors. All rights reserved. For a copy of the license, see The BSD License .
Marijn Haverbeke	CodeMirror 5.8	For software development	Oracle gratefully acknowledges the contributions of Marijn Haverbeke in creating CodeMirror, which was used in creating this product.
Mozilla	nspr	Ships with the product	For a copy of the license, see Mozilla Public License .
Nick Galbreath	modp_b64 1.3	For software development	Copyright © 2011 The LibYuv Project Authors. All rights reserved. For a copy of the license, see The BSD License .
Niels Provos	libevent 1.4.13	For software development	Copyright © 2000-2007 Niels Provos <provos@citi.umich.edu> Copyright © 2007-2012 Niels Provos and Nick Mathewson For a copy of the license, see The BSD License .
NotNoop – Mahmood Ali	java-apns 1.0.0.Beta6	For software development	Copyright 2009, Mahmood Ali. All rights reserved. For a copy of the license, see The BSD License .
Opus	Opus 1.1.0	For software development	For a copy of the license, see Opus License .
Paul Hsieh	Superfasthash	For software development	Copyright © 2010, Paul Hsieh For a copy of the license, see The BSD License .
Paul Johnston, Technology	JavaScript MD5 2.2	For software development	Copyright © 1998 - 2012, Paul Johnston For a copy of the license, see The BSD License .
Spring Source Community	Groovy 2.4.5	For software development	Groovy Language Copyright © 2003-2013 The respective authors and developers Developers and Contributors are listed in the project POM file and Gradle build file This product includes software developed by The Groovy community (http://groovy.codehaus.org/). Apache License Version 2.0, January 2004 http://www.apache.org/licenses/ For a copy of the license, see Apache License, Version 2.0 .
Square	SocketRocket 0.4.1	For software development	Copyright © 2012 Square Inc. 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 For a copy of the license, see Apache License, Version 2.0 .

Provider	Component(s)	Functionality	Licensing Information
String Template	ST4 4.0.8	For software development	Copyright © 2012 Terence Parr. All rights reserved. For a copy of the license, see The BSD License .
Sunlight	Sunlight JS, Version 1.22.0	For software development	Copyright © 2014, Tommy Montgomery. For a copy of the license, see WTFPL License .
WebM	Libvpx 1.4.0	For software development	Copyright © 2010, The WebM Project authors. All rights reserved. For a copy of the license, see The BSD License .
The WebRTC Project Authors	WebRTC adapter 0.2.4	For software development	Copyright © 2014, The WebRTC project authors. All rights reserved. For a copy of the license, see The BSD License .
	libjingle	For software development	Copyright © 2011, The WebRTC project authors. All rights reserved. The webrtc source code is available here: https://code.google.com/p/webrtc/source/browse/?r=6905#svn%2Ftrunk For a copy of the license, see webrtc License .
Xmlsoft.org	libxml 2.9.2	For software development	Copyright © 1998-2012 Daniel Veillard. All Rights Reserved. For a copy of the license, see The MIT License .

Third-Party Licenses

Apache License, Version 2.0

Copyright © 2007 The Apache Software Foundation

Copyright © 2003-2013 The respective authors and developers

Copyright © 2012 Square Inc.

Apache License

Version 2.0, January 2004

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

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.

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.

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.

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.

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.

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.

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.

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.

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.

Google License

Copyright © 2008-2009, Google Inc. All rights reserved.

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:

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

ISC License

Copyright © 1995-2015 International Business Machines Corporation and others.

Copyright © 2004-2013 by Internet Systems Consortium, Inc. ("ISC")

Copyright © 1995-2003 by Internet Software Consortium

Permission to use, copy, modify, and/or distribute this software for any purpose with or without fee is hereby granted, provided that the 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.

libjpeg-turbo 1.3.1 License

This software is copyright © 1991-2012, Thomas G. Lane, Guido Vollbeding.

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) 1991-2012, Thomas G. Lane, Guido Vollbeding.

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.

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, 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."

Mozilla Public License

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses"

means

- a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or
- b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

- a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or
- b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims"

of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.

1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that 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. License Grants and Conditions

2.1. Grants

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 such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and
- b) under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:

- a) for any code that a Contributor has removed from Covered Software; or
- b) for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or
- (c) under Patent Claims infringed by Covered Software in the absence of its Contributions. This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

- a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and
- b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

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 Software 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 placed in a text file included with all distributions of the Covered Software under this License. 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. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any 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 Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or an 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.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the 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. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at <http://mozilla.org/MPL/2.0/>.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

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,
* lhash, 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.

Opus License

Opus has a freely available specification, a BSD-licensed, high-quality reference encoder and decoder, and protective, royalty-free licenses for the required patents. The copyright and patent licenses for Opus are automatically granted to everyone and do not require application or approval. The Opus FAQ has more information on why Opus is freely licensed.

In brief: (see below for details)

- ✓ You can encode or decode Opus-compatible streams for any purpose at no cost.
- ✓ You can integrate the reference Opus encoder and decoder in any application, program, or product, even commercially, at no cost.
- ✓ You can create your own compatible implementations of the Opus specification and give them away or sell them.
- ✗ You may not do these things if you engage in Opus-related patent litigation against any user of Opus.

Licensing details

Copyright

Specification

The specification is freely available as part of IETF RFC 6716. The RFC includes the reference implementation, which is available under the three-clause BSD license (see below).

Implementation

Both the reference implementation and the revised implementations on opus-codec.org are available under the three-clause BSD license. This BSD license is compatible with all common open source and commercial software licenses.

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.

Tools

Most of the command-line Ogg-based tools that are shipped as part of the separate opus-tools package are also released under the three-clause BSD license. The only exception is the opusinfo tool, which is released under the GPLv2 license. Proprietary software developers wishing to use Opus may copy code from opusenc and opusdec, but they may not copy code from the opusinfo tool to build their applications.

Patents

Opus is covered by several patents. These patents are available under open-source-compatible, royalty-free licenses. If you are not trying to attack Opus with your patents, you will not have problems with these licenses.

Some of these licenses have been updated in the past and may be updated again in the future. However, updates never invalidate the old licenses and users are always free to rely on any of the previously available licenses. In other words, newer licenses can give more rights, but never fewer.

Xiph.Org Foundation

The Xiph.Org foundation has several patent applications on techniques used in Opus. When issued, these patents will be automatically available under the terms provided in the below license. The license covers the listed patent applications, along with any other patent or application covering Opus that is owned by Xiph.Org.

Xiph.Org

Patents/Applications covered

US 61/284,154

US 61/450,041

US 61/450,053

US 61/450,060

and any other applicable

License Grant. Xiph.Org Foundation ("Xiph") hereby grants to you a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this license) license under Licensed Patents to make, have made, use, offer to sell, sell, import, transfer, and otherwise run, modify (in a way that still complies with the Specification), and reproduce any Implementation.

Definitions. Specification means, and includes the following, both individually and collectively, (a) any standard specification of the Opus codec adopted by the IETF Codec Working Group ("Standard") and (b) any reference implementation (each, a "Reference Implementation") published by the IETF Codec Working Group in the request for comments ("RFC") issued by the IETF for the Specification draft for which this License is issued, or any RFC that is issued as an update or new version thereof. An Implementation means any Reference Implementation, or another implementation that complies with the Specification. Licensed Patents means all patents currently owned by Xiph or acquired hereafter that Xiph has the right to license as set forth above and that are necessarily infringed by the Specification, where "necessarily infringed" means: in the case of (a) above, there is no commercially viable means of implementing the Specification without infringing such patent; in the case of (b) above, use of the reference implementation to the extent it infringes such patent.

Termination. If you, directly or indirectly via controlled affiliate or subsidiary, agent, or exclusive licensee, file a Claim for patent infringement against any entity alleging that an Implementation in whole or in part constitutes direct or contributory patent infringement, or inducement of patent infringement (a “Claim”), provided that a Reference Implementation also infringes the patents asserted in the Claim, then any patent rights granted to you under this License shall automatically terminate retroactively as of the date you first received the grant. Claims made against an Implementation in part will only trigger termination if the Implementation in part was done for the purpose of combining it with other technology that complies with the Specification so that the technology’s ultimate use will be consistent with the Standard as a whole.

This license is also filed on the IETF site.

Broadcom

Broadcom has both issued patents and outstanding applications covering Opus. These are available under the same license as the Xiph.Org patents. The license covers the listed patents and patent applications, along with any other patent or application covering Opus that is owned by Broadcom.

Broadcom

Patents/Applications covered

US 61/406,106

US 61/394,842

US 7,353,168

and any other applicable

License Grant. Broadcom Corporation (“Broadcom”) hereby grants to you a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this license) license under Licensed Patents to make, have made, use, offer to sell, sell, import, transfer, and otherwise run, modify (in a way that still complies with the Specification), and reproduce any Implementation.

Definitions. Specification means, and includes the following, both individually and collectively, (a) any standard specification of the Opus codec adopted by the IETF Codec Working Group (“Standard”) and (b) any reference implementation (each, a “Reference Implementation”) published by the IETF Codec Working Group in the request for comments (“RFC”) issued by the IETF for the Specification draft for which this License is issued, or any RFC that is issued as an update or new version thereof. An Implementation means any Reference Implementation, or another implementation that complies with the Specification. Licensed Patents means all patents currently owned by Broadcom or acquired hereafter that Broadcom has the right to license as set forth above and that are necessarily infringed by the Specification, where “necessarily infringed” means: in the case of (a) above, there is no commercially viable means of implementing the Specification without infringing such patent; in the case of (b) above, use of the reference implementation to the extent it infringes such patent.

Termination. If you, directly or indirectly via controlled affiliate or subsidiary, agent, or exclusive licensee, file a Claim for patent infringement against any entity alleging that an Implementation in whole or in part constitutes direct or contributory patent infringement, or inducement of patent infringement (a “Claim”), provided that a Reference Implementation also infringes the patents asserted in the Claim, then any patent rights granted to you under this License shall automatically terminate retroactively as of the date you first received the grant. Claims made against an Implementation in part will only trigger termination if the Implementation in part was done for the purpose of combining it with other technology that complies with the Specification so that the technology’s ultimate use will be consistent with the Standard as a whole.

This license is also filed on the IETF site.

Microsoft

Microsoft acquired patents and applications related to Opus through their purchase of Skype. These patents (and any other Microsoft might have had) are available under a different, but still royalty-free, license detailed below. The license covers the listed patent applications, along with any other patent or application covering Opus that is owned by Microsoft.

Microsoft

Patents/Applications covered

US-2008-0201137-A1

US-2010-0174535-A1

US-2010-0174534-A1

US-2010-0174547-A1

US-2010-0174532-A1

US-2010-0174537-A1

US-2010-0174542-A1

US-2010-0174531-A1

US-2010-0174541-A1

US-2010-0174538-A1

US-2011-0077940-A1

and any other applicable

Microsoft Opus Patent Terms

11-7-2012

1. Patent Terms.

1.1. Specification License. Subject to all the terms and conditions of this Agreement, I, on behalf of myself and my successors in interest and assigns, hereby grant you a non-sublicensable, perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable license to my Necessary Decoder Claims for your Specification Implementation.

1.2. Code License. Subject to all the terms and conditions of this Agreement, I, on behalf of myself and my successors in interest and assigns, hereby grant you a non-sublicensable, perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable patent license to my Necessary Reference Implementation Claims to make, use, sell, offer for sale, import or distribute a Code Implementation.

1.3. Conditions.

1.3.1. Availability. If you own or control Necessary Claims, the licenses set forth in Section 1 are subject to and will become effective starting on the date that you make a binding public irrevocable commitment to license, on reasonable and non-discriminatory royalty-free licensing terms 1) your Necessary Decoder Claims to all implementers for Specification Implementations, and 2) your Necessary Reference Implementation Claims to all implementers for Code Implementations, where the terms of this Agreement satisfy any reciprocity requirements in your reasonable and non-discriminatory royalty-free licensing terms. The promises set forth in Section 1 will remain in effect so long as you continue to make such claims available for Specification Implementations and Code Implementations under reasonable and non-discriminatory royalty-free licensing terms. In addition, as a condition of the licenses set forth in Section 1, you acknowledge and agree that you have not and will not knowingly take any action for the purpose of circumventing the conditions in this Section 1. Notwithstanding the foregoing, you are not required to make the commitments set forth in this Section 1.3.1 as a result of merely using a Specification Implementation or a Code Implementation as an end-user.

1.3.2. Additional Conditions. This license is directly from me to you and you acknowledge as a condition of benefiting from it that no rights from me are received from suppliers, distributors, or otherwise in connection with this license. This license is not an assurance (i) that any of my issued patent claims covers a Specification Implementation or Code Implementation or are enforceable or (ii) that a Specification Implementation or Code Implementation would not infringe intellectual property rights of any third party.

1.4. Termination. All rights, grants, and promises made by me to you under Section 1 are immediately terminated if you or your agent file, maintain, or voluntarily participate in a lawsuit against me or any person or entity asserting that a Specification Implementation infringes Necessary Decoder Claims or a Code Implementation infringes Necessary Reference Implementation Claims, unless that suit was in response to a corresponding suit regarding a Specification Implementation or Code Implementation first brought against you. In addition, all rights, grants, and promises made by me to you under Section 1 are terminated if you, your agent, or successor in interest seek to license Necessary Decoder Claims for Specification Implementations or Necessary Reference Implementations Claims for Code Implementations on a royalty-bearing basis, unless that royalty-bearing licensing activity is in addition to, and not in lieu of, reasonable and non-discriminatory royalty-free licensing terms for Necessary Decoder Claims for Specification Implementations or Necessary Reference Implementation Claims for Code Implementations. This Agreement may also be terminated, including back to the date of non-compliance, because of non-compliance with any other term or condition of this Agreement.

2. Patent License Commitment. On behalf of me and my successors in interest and assigns, I agree to offer alternative reasonable and non-discriminatory royalty-bearing licensing terms 1) to my Necessary Decoder Claims solely for your Specification Implementation and 2) to my Necessary Reference Implementations Claims solely for your Code Implementation.

3. Past Skype Declarations. You may, at your option, continue to rely on the terms set forth in Skype's past declarations made to the IETF for the Opus Audio Codec, subject to the terms of those declarations and in lieu of the terms of this Agreement solely for the patents set forth in those declarations.

4. Good Faith Obligations. I agree that I have not and will not knowingly take any action for the purpose of circumventing my obligations under this Agreement. In addition, I will not 1) seek an injunction or exclusion order against a) Code Implementations for Necessary Reference Implementation Claims or b) Specification Implementations for Necessary Decoder Claims or 2) require that an implementer license its patents back to me, except for Necessary Reference Implementation Claims for Code Implementations and Necessary Decoder Claims for Specification Implementations. I will not transfer Necessary Reference Implementation Claims or Necessary Decoder Claims unless the transferee is subject to these obligations.

5. Disclaimers. I expressly disclaim any warranties (express, implied, or otherwise), including implied warranties of merchantability, non-infringement, fitness for a particular purpose, or title, related to the Specification or Reference Implementation. The entire risk as to implementing or otherwise using the Specification, Specification Implementation, or Code Implementation is assumed by the implementer and user. IN NO EVENT WILL ANY PARTY BE LIABLE TO ANY OTHER PARTY FOR LOST PROFITS OR ANY FORM OF INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER FROM ANY CAUSES OF ACTION OF ANY KIND WITH RESPECT TO THIS AGREEMENT, WHETHER BASED ON BREACH OF CONTRACT, TORT (INCLUDING NEGLIGENCE), OR OTHERWISE, AND WHETHER OR NOT THE OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGE. Nothing in this Agreement requires me to undertake a patent search.

6. Definitions.

6.1. Agreement. "Agreement" means this document, which sets forth the rights, grants, limitations, conditions, obligations, and disclaimers made available for the particular Specification.

6.2. Code Implementation. "Code Implementation" means making, using, selling, offering for sale, importing or distributing 1) the Reference Implementation, or 2) an implementation that, in the case of an encoder, produces a bitstream that can be decoded by a Specification Implementation solely to the extent it produces such a bitstream, and, in the case of decoder, is a Specification Implementation, where that Specification Implementation may also infringe Necessary Reference Implementation Claims.

6.3. Control. "Control" means direct or indirect control of more than 50% of the voting power to elect directors of that corporation, or for any other entity, the power to direct management of such entity.

6.4. I, Me, or My. "I," "me," or "my" refers to the party making this declaration, and any entity that I Control.

6.5. Necessary Claims. "Necessary Claims" means Necessary Decoder Claims and Necessary Reference Implementation Claims.

6.6. Necessary Decoder Claims. “Necessary Decoder Claims” are those patent claims that a party owns or controls, including those claims acquired after the date of this declaration, that are necessarily infringed by an implementation of the required portions (including the required elements of optional portions) of the decoder Specification that are described in detail and not merely referenced in the Specification.

6.7. Necessary Reference Implementation Claims. “Necessary Reference Implementation Claims” are those patent claims that a party owns or controls, including those claims acquired after the date of this declaration, that are necessarily infringed by the Reference Implementation. Necessary Reference Implementation Claims do not include claims that would be infringed only as a consequence of further modification of the Reference Implementation.

6.8. Reference Implementation. “Reference Implementation” means the implementation of the Opus encoder and/or decoder code extracted from Appendix A of the Specification.

6.9. Specification. “Specification” means IETF RFC 6716 dated September 2012.

6.10. Specification Implementation. “Specification Implementation” means making, using, selling, offering for sale, importing or distributing any conformant implementation of the decoder set forth in the Specification 1) only to the extent it implements the Specification and 2) so long as all required portions of the Specification are implemented. Specification Implementation also includes any implementation of a decoder included in subsequent versions of RFC 6716 1) only to the extent that it implements the decoder Specification, and 2) so long as all required portions of the decoder Specification are implemented.

6.11. You or Your. “You,” “you,” or “your” means any person or entity who exercises patent rights granted under this Agreement, and any person or entity you Control.

This license is also filed on the IETF site. The old license is still available.

Other disclosures

While Xiph.Org, Broadcom, and Microsoft filed IPR disclosures giving royalty-free licenses to their patents used in Opus, four companies that did not directly participate in the development of Opus, Qualcomm, Huawei, France Telecom, and Ericsson, filed IPR disclosures with potentially royalty-bearing terms. The IETF allows anyone (and their dog) to file an IPR disclosures if they think that their patents "covers or may ultimately cover" a standard. In fact, for any organization who can be said to have contributed in any (very loosely defined) way, these IPR statements are not just allowed, but required. It is thus safer for organisations to declare as much as they can. As an example, one can find similar non-free Qualcomm IPR statements on both SIP and SDP. To our advantage, however, the IETF IPR disclosure policies require companies to provide the actual patent numbers. This allows anyone to verify these claims for themselves, which is definitely a good thing.

When it comes to patents, it is difficult to say much without making lawyers nervous. However, we can say something quite direct: external counsel Dergosits & Noah has advised us that Opus can be implemented without the need to license the patents disclosed by Qualcomm, Huawei, France Telecom, or Ericsson. We can also say that Mozilla is confident enough in Opus to ship it to hundreds of millions of Firefox users. Similarly, Cisco and Google are also supporting Opus in some products. More companies are expected to do the same soon.

Mozilla invested significant legal resources into avoiding known patent thickets when designing Opus. Whenever possible, we used processes and methods that have been long known in the field and which are considered patent-free. In addition, we filed numerous patent applications on the new things we invented to help defend the Opus community. As a result, Opus is available on a royalty-free basis and can be deployed by anyone, including other open-source projects. Everyone knows this is an incredibly challenging legal environment to operate in, but we think we've succeeded.

The BSD License

Copyright © 2001-2005 Cisco Systems, Inc. All rights reserved.

Copyright © 2002, Google Inc. All rights reserved.

Copyright © 2010 of the Khronos Group. All rights reserved.

Copyright © 2011 The LibYuv Project Authors. All rights reserved.

Copyright 2009, Mahmood Ali. All rights reserved.

Copyright © 2000-2007 Niels Provos <provos@citi.umich.edu>

Copyright © 2007-2012 Niels Provos and Nick Mathewson

Copyright © 2010, Paul Hsieh

Copyright © 1998 - 2012, Paul Johnston

Copyright © 2012 Terence Parr. All rights reserved.

Copyright © 2014, The WebRTC project authors. All rights reserved.

Copyright © 2010, The WebM Project authors. All rights reserved.

Copyright © 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:

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.

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.

The MIT License

Copyright © 2007-2010 Baptiste Lepilleur

Copyright © 2001, 2002, 2003, 2004, 2005, 2006 Expat maintainers.

Copyright © 2013 Greg Allen

Copyright © 1991, 2000, 2001 by Lucent Technologies.

Copyright © 1998, 1999, 2000 Thai Open Source Software Center Ltd and Clark Cooper.

Copyright © 2011-2016 Twitter, 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.

webrtc License

Copyright © 2011, The WebRTC project authors. All rights reserved.

The webrtc source code is available here:

<https://code.google.com/p/webrtc/source/browse/?r=6905#svn%2Ftrunk>

Copyright © 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:

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

Additional IP rights grant

FILENAME: PATENTS

Additional IP Rights Grant (Patents)

"This implementation" means the copyrightable works distributed by

Google as part of the WebRTC code package. Google hereby grants to you a perpetual, worldwide, non-exclusive, no-charge, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, transfer, and otherwise run, modify and propagate the contents of this implementation of the WebRTC code package, where such license applies only to those patent claims, both currently owned by Google and acquired in the future, licensable by Google that are necessarily infringed by this implementation of the WebRTC code package. This grant does not include claims that would be infringed only as a consequence of further modification of this implementation. If you or your agent or exclusive licensee institute or order or agree to the institution of patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that this implementation of the WebRTC code package or any code incorporated within this implementation of the WebRTC code package constitutes direct or contributory patent infringement, or inducement of patent infringement, then any patent rights granted to you under this License for this implementation of the WebRTC code package shall terminate as of the date such litigation is filed.

AUTHORS: <https://code.google.com/p/webrtc/source/browse/stable/AUTHORS>

Names should be added to this file like so:

Name or Organization <email address>

Anil Kumar <an1kumar@gmail.com>
 Ben Strong <bstrong@gmail.com>
 Eric Rescorla, RTFM Inc.
 Jie Mao <maojie0924@gmail.com>
 Luke Weber
 Martin Storsjo <martin@martin.st>
 Pali Rohar
 Robert Nagy
 Silviu Caragea <silviu.cpp@gmail.com>
 Victor Costan <costan@gmail.com>
 Google Inc.
 Intel Corporation
 MIPS Technologies
 Mozilla Foundation
 Opera Software ASA
 Vonage Holdings Corp.
 OWNERS: <https://code.google.com/p/webrtc/source/browse/stable/OWNERS>
 andrew@webrtc.org
 henrika@webrtc.org
 mflodman@webrtc.org
 niklas.enbom@webrtc.org
 tina.legrand@webrtc.org
 tommi@webrtc.org
 per-file *.isolate=kjellander@webrtc.org
 per-file .gitignore=*
 per-file AUTHORS=*
 per-file DEPS=*
 per-file WATCHLISTS=*

http://webrtc.googlecode.com/svn/trunk/webrtc/LICENSE_THIRD_PARTY

This source tree contains third party source code which is governed by third party licenses. Paths to the files and associated licenses are collected here.

Files governed by third party licenses:

common_audio/signal_processing/spl_sqrt_floor.c
 common_audio/signal_processing/spl_sqrt_floor_arm.S
 modules/audio_coding/codecs/g711/main/source/g711.c
 modules/audio_coding/codecs/g711/main/source/g711.h
 modules/audio_coding/codecs/g722/main/source/g722_decode.c
 modules/audio_coding/codecs/g722/main/source/g722_enc_dec.h
 modules/audio_coding/codecs/g722/main/source/g722_encode.c
 modules/audio_coding/codecs/isac/main/source/fft.c
 modules/audio_device/mac/portaudio/pa_memorybarrier.h
 modules/audio_device/mac/portaudio/pa_ringbuffer.c
 modules/audio_device/mac/portaudio/pa_ringbuffer.h
 modules/audio_processing/aec/aec_rdfc.c
 modules/audio_processing/utility/fft4g.c
 system_wrappers/interface/scoped_ptr.h
 system_wrappers/source/condition_variable_event_win.cc
 system_wrappers/source/set_thread_name_win.h
 system_wrappers/source/spreadsortlib/constants.hpp
 system_wrappers/source/spreadsortlib/spreadsort.hpp

Individual licenses for each file:

Files:

common_audio/signal_processing/spl_sqrt_floor.c
common_audio/signal_processing/spl_sqrt_floor_arm.S

License:

```
/*
 * Written by Wilco Dijkstra, 1996. The following email exchange establishes the
 * license.
 *
 * From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
 * Date: Fri, Jun 24, 2011 at 3:20 AM
 * Subject: Re: sqrt routine
 * To: Kevin Ma <kma@google.com>
 * Hi Kevin,
 * Thanks for asking. Those routines are public domain (originally posted to
 * comp.sys.arm a long time ago), so you can use them freely for any purpose.
 * Cheers,
 * Wilco
 *
 * ----- Original Message -----
 * From: "Kevin Ma" <kma@google.com>
 * To: <Wilco.Dijkstra@ntlworld.com>
 * Sent: Thursday, June 23, 2011 11:44 PM
 * Subject: Fwd: sqrt routine
 * Hi Wilco,
 * I saw your sqrt routine from several web sites, including
 * http://www.finesse.demon.co.uk/steven/sqrt.html.
 * Just wonder if there's any copyright information with your Successive
 * approximation routines, or if I can freely use it for any purpose.
 * Thanks.
 * Kevin
 */
```

Files:

modules/audio_coding/codecs/g711/main/source/g711.c
modules/audio_coding/codecs/g711/main/source/g711.h

License:

```
/*
 * SpanDSP - a series of DSP components for telephony
 *
 * g711.h - In line A-law and u-law conversion routines
 *
 * Written by Steve Underwood <steveu@coppice.org>
 *
 * Copyright (C) 2001 Steve Underwood
 *
 * Despite my general liking of the GPL, I place this code in the
 * public domain for the benefit of all mankind - even the slimy
 * ones who might try to propertize my work and use it to my
 * detriment.
 */
```

Files:

modules/audio_coding/codecs/g722/main/source/g722_decode.c
modules/audio_coding/codecs/g722/main/source/g722_enc_dec.h

modules/audio_coding/codecs/g722/main/source/g722_encode.c

License:

```
/*
 * SpanDSP - a series of DSP components for telephony
 *
 * g722_decode.c - The ITU G.722 codec, decode part.
 *
 * Written by Steve Underwood <steveu@coppice.org>
 *
 * Copyright (C) 2005 Steve Underwood
 *
 * Despite my general liking of the GPL, I place my own contributions
 * to this code in the public domain for the benefit of all mankind -
 * even the slimy ones who might try to propertize my work and use it
 * to my detriment.
 *
 * Based in part on a single channel G.722 codec which is:
 *
 * Copyright (c) CMU 1993
 * Computer Science, Speech Group
 * Chengxiang Lu and Alex Hauptmann
 */
```

Files:

modules/audio_coding/codecs/isac/main/source/fft.c

License:

```
/*
 * Copyright(c)1995,97 Mark Olesen <olesen@me.QueensU.CA>
 * Queen's Univ at Kingston (Canada)
 *
 * Permission to use, copy, modify, and distribute this software for
 * any purpose without fee is hereby granted, provided that this
 * entire notice is included in all copies of any software which is
 * or includes a copy or modification of this software and in all
 * copies of the supporting documentation for such software.
 *
 * THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR
 * IMPLIED WARRANTY. IN PARTICULAR, NEITHER THE AUTHOR NOR QUEEN'S
 * UNIVERSITY AT KINGSTON MAKES ANY REPRESENTATION OR WARRANTY OF ANY
 * KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS
 * FITNESS FOR ANY PARTICULAR PURPOSE.
 *
 * All of which is to say that you can do what you like with this
 * source code provided you don't try to sell it as your own and you
 * include an unaltered copy of this message (including the
 * copyright).
 *
 * It is also implicitly understood that bug fixes and improvements
 * should make their way back to the general Internet community so
 * that everyone benefits.
 */
```

Files:

modules/audio_device/mac/portaudio/pa_memorybarrier.h

modules/audio_device/mac/portaudio/pa_ringbuffer.c
modules/audio_device/mac/portaudio/pa_ringbuffer.h

License:

```
/*
 * $Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche $
 * Portable Audio I/O Library
 * Memory barrier utilities
 *
 * Author: Bjorn Roche, XO Audio, LLC
 *
 * This program uses the PortAudio Portable Audio Library.
 * For more information see: http://www.portaudio.com
 * Copyright (c) 1999-2000 Ross Bencina and Phil Burk
 *
 * 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 text above constitutes the entire PortAudio license; however,
 * the PortAudio community also makes the following non-binding requests:
 *
 * Any person wishing to distribute modifications to the Software is
 * requested to send the modifications to the original developer so that
 * they can be incorporated into the canonical version. It is also
 * requested that these non-binding requests be included along with the
 * license above.
 */
```

```
/*
 * $Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche $
 * Portable Audio I/O Library
 * Ring Buffer utility.
 *
 * Author: Phil Burk, http://www.softsynth.com
 * modified for SMP safety on Mac OS X by Bjorn Roche
 * modified for SMP safety on Linux by Leland Lucius
 * also, allowed for const where possible
 * modified for multiple-byte-sized data elements by Sven Fischer
 */
```

```

* Note that this is safe only for a single-thread reader and a
* single-thread writer.
*
* This program uses the PortAudio Portable Audio Library.
* For more information see: http://www.portaudio.com
* Copyright (c) 1999-2000 Ross Bencina and Phil Burk
*
* 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 text above constitutes the entire PortAudio license; however,
* the PortAudio community also makes the following non-binding requests:
*
* Any person wishing to distribute modifications to the Software is
* requested to send the modifications to the original developer so that
* they can be incorporated into the canonical version. It is also
* requested that these non-binding requests be included along with the
* license above.
*/

-----
Files:
modules/audio_processing/aec/aec_rdfc.c
modules/audio_processing/utility/fft4g.c

License:
/*
* http://www.kurims.kyoto-u.ac.jp/~ooura/fft.html
* Copyright Takuya OOURA, 1996-2001
*
* You may use, copy, modify and distribute this code for any purpose (include
* commercial use) and without fee. Please refer to this package when you modify
* this code.
*/

-----
Files:
system_wrappers/interface/scoped_ptr.h

License:
// (C) Copyright Greg Colvin and Beman Dawes 1998, 1999.

```

```
// Copyright (c) 2001, 2002 Peter Dimov
//
// Permission to copy, use, modify, sell and distribute this software
// is granted provided this copyright notice appears in all copies.
// This software is provided "as is" without express or implied
// warranty, and with no claim as to its suitability for any purpose.
//
// See http://www.boost.org/libs/smart\_ptr/scoped\_ptr.htm for documentation.
//
```

Files:

```
system_wrappers/source/spreadsortlib/constants.hpp
system_wrappers/source/spreadsortlib/spreadsort.hpp
```

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.*

http://webtrc.googlecode.com/svn/trunk/talk/LICENSE_THIRD_PARTY

This source tree contains third party source code which is governed by third party licenses. This file contains references to files which are under other licenses than the one provided in the COPYING file in the root of the source tree.

Files governed by third party licenses:

Governed by license within files (Public domain):

```
Exact origin unknown
base/base64.c
base/base64.h
```

Governed by <http://www.fourmilab.ch/md5/> (Public domain):

```
base/md5.c
base/md5.h
```

Governed by http://www.boost.org/LICENSE_1_0.txt (Boost license):

```
base/scoped_ptr.h
```

Governed by license within files (Public domain):

```
Originally downloaded from http://svn.ghostscript.com/jbig2dec/tags/release\_0\_02/sha1.\*
base/sha1.c
```

base/sha1.h

Governed by <http://sigslot.sourceforge.net/#license> (Public domain):
base/sigslot.h

Governed by <http://www.freedesktop.org/wiki/Software/systemd> (LGPL 2.1+):
third_party/libudev/libudev.h

Additional third party and code dependency attributions & dependencies:
https://code.google.com/p/webrtc/source/browse/trunk/webrtc/LICENSE_THIRD_PARTY
This source tree contains third party source code which is governed by third party licenses. Paths to the files and associated licenses are collected here.

Files governed by third party licenses:

common_audio/signal_processing/spl_sqrt_floor.c
common_audio/signal_processing/spl_sqrt_floor_arm.S
modules/audio_coding/codecs/g711/main/source/g711.c
modules/audio_coding/codecs/g711/main/source/g711.h
modules/audio_coding/codecs/g722/main/source/g722_decode.c
modules/audio_coding/codecs/g722/main/source/g722_enc_dec.h
modules/audio_coding/codecs/g722/main/source/g722_encode.c
modules/audio_coding/codecs/isac/main/source/fft.c
modules/audio_device/mac/portaudio/pa_memorybarrier.h
modules/audio_device/mac/portaudio/pa_ringbuffer.c
modules/audio_device/mac/portaudio/pa_ringbuffer.h
modules/audio_processing/aec/aec_rdfc.c
modules/audio_processing/utility/fft4g.c
system_wrappers/interface/scoped_ptr.h
system_wrappers/source/condition_variable_event_win.cc
system_wrappers/source/set_thread_name_win.h
system_wrappers/source/spreadsortlib/constants.hpp
system_wrappers/source/spreadsortlib/spreadsort.hpp

Individual licenses for each file:

Files:

common_audio/signal_processing/spl_sqrt_floor.c
common_audio/signal_processing/spl_sqrt_floor_arm.S

License:

```
/*
 * Written by Wilco Dijkstra, 1996. The following email exchange establishes the
 * license.
 *
 * From: Wilco Dijkstra <Wilco.Dijkstra@ntlworld.com>
 * Date: Fri, Jun 24, 2011 at 3:20 AM
 * Subject: Re: sqrt routine
 * To: Kevin Ma <kma@google.com>
 * Hi Kevin,
 * Thanks for asking. Those routines are public domain (originally posted to
 * comp.sys.arm a long time ago), so you can use them freely for any purpose.
 * Cheers,
 * Wilco
 *
 * ----- Original Message -----
 * From: "Kevin Ma" <kma@google.com>
 * To: <Wilco.Dijkstra@ntlworld.com>
```

* Sent: Thursday, June 23, 2011 11:44 PM
* Subject: Fwd: sqrt routine
* Hi Wilco,
* I saw your sqrt routine from several web sites, including
* <http://www.finesse.demon.co.uk/steven/sqrt.html>.
* Just wonder if there's any copyright information with your Successive
* approximation routines, or if I can freely use it for any purpose.
* Thanks.
* Kevin
*/

Files:

modules/audio_coding/codecs/g711/main/source/g711.c
modules/audio_coding/codecs/g711/main/source/g711.h

License:

/*
* SpanDSP - a series of DSP components for telephony
*
* g711.h - In line A-law and u-law conversion routines
*
* Written by Steve Underwood <steveu@coppice.org>
*
* Copyright (C) 2001 Steve Underwood
*
* Despite my general liking of the GPL, I place this code in the
* public domain for the benefit of all mankind - even the slimy
* ones who might try to proprieteize my work and use it to my
* detriment.
*/

Files:

modules/audio_coding/codecs/g722/main/source/g722_decode.c
modules/audio_coding/codecs/g722/main/source/g722_enc_dec.h
modules/audio_coding/codecs/g722/main/source/g722_encode.c

License:

/*
* SpanDSP - a series of DSP components for telephony
*
* g722_decode.c - The ITU G.722 codec, decode part.
*
* Written by Steve Underwood <steveu@coppice.org>
*
* Copyright (C) 2005 Steve Underwood
*
* Despite my general liking of the GPL, I place my own contributions
* to this code in the public domain for the benefit of all mankind -
* even the slimy ones who might try to proprieteize my work and use it
* to my detriment.
*
* Based in part on a single channel G.722 codec which is:
*
* Copyright (c) CMU 1993
* Computer Science, Speech Group
* Chengxiang Lu and Alex Hauptmann
*/

Files:

modules/audio_coding/codecs/isac/main/source/fft.c

License:

```

/*
 * Copyright(c)1995,97 Mark Olesen <olesen@me.QueensU.CA>
 *   Queen's Univ at Kingston (Canada)
 *
 * Permission to use, copy, modify, and distribute this software for
 * any purpose without fee is hereby granted, provided that this
 * entire notice is included in all copies of any software which is
 * or includes a copy or modification of this software and in all
 * copies of the supporting documentation for such software.
 *
 * THIS SOFTWARE IS BEING PROVIDED "AS IS", WITHOUT ANY EXPRESS OR
 * IMPLIED WARRANTY.  IN PARTICULAR, NEITHER THE AUTHOR NOR QUEEN'S
 * UNIVERSITY AT KINGSTON MAKES ANY REPRESENTATION OR WARRANTY OF ANY
 * KIND CONCERNING THE MERCHANTABILITY OF THIS SOFTWARE OR ITS
 * FITNESS FOR ANY PARTICULAR PURPOSE.
 *
 * All of which is to say that you can do what you like with this
 * source code provided you don't try to sell it as your own and you
 * include an unaltered copy of this message (including the
 * copyright).
 *
 * It is also implicitly understood that bug fixes and improvements
 * should make their way back to the general Internet community so
 * that everyone benefits.
 */

```

Files:

```

modules/audio_device/mac/portaudio/pa_memorybarrier.h
modules/audio_device/mac/portaudio/pa_ringbuffer.c
modules/audio_device/mac/portaudio/pa_ringbuffer.h

```

License:

```

/*
 * $Id: pa_memorybarrier.h 1240 2007-07-17 13:05:07Z bjornroche $
 * Portable Audio I/O Library
 * Memory barrier utilities
 *
 * Author: Bjorn Roche, XO Audio, LLC
 *
 * This program uses the PortAudio Portable Audio Library.
 * For more information see: http://www.portaudio.com
 * Copyright (c) 1999-2000 Ross Bencina and Phil Burk
 *
 * 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 text above constitutes the entire PortAudio license; however,
* the PortAudio community also makes the following non-binding requests:
*
* Any person wishing to distribute modifications to the Software is
* requested to send the modifications to the original developer so that
* they can be incorporated into the canonical version. It is also
* requested that these non-binding requests be included along with the
* license above.
*/

/*
* $Id: pa_ringbuffer.c 1421 2009-11-18 16:09:05Z bjornroche $
* Portable Audio I/O Library
* Ring Buffer utility.
*
* Author: Phil Burk, http://www.softsynth.com
* modified for SMP safety on Mac OS X by Bjorn Roche
* modified for SMP safety on Linux by Leland Lucius
* also, allowed for const where possible
* modified for multiple-byte-sized data elements by Sven Fischer
*
* Note that this is safe only for a single-thread reader and a
* single-thread writer.
*
* This program uses the PortAudio Portable Audio Library.
* For more information see: http://www.portaudio.com
* Copyright (c) 1999-2000 Ross Bencina and Phil Burk
*
* 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 text above constitutes the entire PortAudio license; however,
* the PortAudio community also makes the following non-binding requests:

*

* Any person wishing to distribute modifications to the Software is
* requested to send the modifications to the original developer so that
* they can be incorporated into the canonical version. It is also
* requested that these non-binding requests be included along with the
* license above.

*/

Files:

modules/audio_processing/aec/aec_rdfc.c
modules/audio_processing/utility/fft4g.c

License:

/*

* <http://www.kurims.kyoto-u.ac.jp/~ooura/fft.html>
* Copyright Takuya OOURA, 1996-2001

*

* You may use, copy, modify and distribute this code for any purpose (include
* commercial use) and without fee. Please refer to this package when you modify
* this code.

*/

Files:

system_wrappers/interface/scoped_ptr.h

License:

(C) Copyright Greg Colvin and Beman Dawes 1998, 1999.
Copyright (c) 2001, 2002 Peter Dimov

Permission to copy, use, modify, sell and distribute this software is granted provided this copyright notice appears in all copies. This software is provided "as is" without express or implied warranty, and with no claim as to its suitability for any purpose.

See http://www.boost.org/libs/smart_ptr/scoped_ptr.htm for documentation.

Files:

system_wrappers/source/condition_variable_event_win.cc

Source:

<http://www1.cse.wustl.edu/~schmidt/ACE-copying.html>

License:

Copyright and Licensing Information for ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM),
and CoSMIC(TM)

ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), and CoSMIC(TM) (henceforth referred to as "DOC software") are copyrighted by Douglas C. Schmidt and his research group at Washington University, University of California, Irvine, and Vanderbilt University, Copyright (c) 1993-2009, all rights reserved. Since DOC software is open-source, freely available software, you are free to use, modify, copy, and distribute--perpetually and irrevocably--the DOC software source code and object code produced from the source, as well as copy and distribute modified versions of this software. You must, however, include this copyright statement along with any code built using DOC software that you release. No copyright statement needs to be provided if you just ship binary executables of your software products.

You can use DOC software in commercial and/or binary software releases and are under no obligation to redistribute any of your source code that is built using DOC software. Note, however, that you may not misappropriate the DOC software code, such as copyrighting it yourself or claiming authorship of the DOC software code, in a way that will prevent DOC software from being distributed freely using an open-source development model. You needn't inform anyone that you're using DOC software in your software, though we encourage you to let us know so we can promote your project in the DOC software success stories.

The ACE, TAO, CIAO, DAnCE, and CoSMIC web sites are maintained by the DOC Group at the Institute for Software Integrated Systems (ISIS) and the Center for Distributed Object Computing of Washington University, St. Louis for the development of open-source software as part of the open-source software community. Submissions are provided by the submitter ``as is" with no warranties whatsoever, including any warranty of merchantability, noninfringement of third party intellectual property, or fitness for any particular purpose. In no event shall the submitter be liable for any direct, indirect, special, exemplary, punitive, or consequential damages, including without limitation, lost profits, even if advised of the possibility of such damages. Likewise, DOC software is provided as is with no warranties of any kind, including the warranties of design, merchantability, and fitness for a particular purpose, noninfringement, or arising from a course of dealing, usage or trade practice. Washington University, UC Irvine, Vanderbilt University, their employees, and students shall have no liability with respect to the infringement of copyrights, trade secrets or any patents by DOC software or any part thereof. Moreover, in no event will Washington University, UC Irvine, or Vanderbilt University, their employees, or students be liable for any lost revenue or profits or other special, indirect and consequential damages.

DOC software is provided with no support and without any obligation on the part of Washington University, UC Irvine, Vanderbilt University, their employees, or students to assist in its use, correction, modification, or enhancement. A number of companies around the world provide commercial support for DOC software, however. DOC software is Y2K-compliant, as long as the underlying OS platform is Y2K-compliant. Likewise, DOC software is compliant with the new US daylight savings rule passed by Congress as "The Energy Policy Act of 2005," which established new daylight savings times (DST) rules for the United States that expand DST as of March 2007. Since DOC software obtains time/date and calendaring information from operating systems users will not be affected by the new DST rules as long as they upgrade their operating systems accordingly.

The names ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), CoSMIC(TM), Washington University, UC Irvine, and Vanderbilt University, may not be used to endorse or promote products or services derived from this source without express written permission from Washington University, UC Irvine, or Vanderbilt University. This license grants no permission to call products or services derived from this source ACE(TM), TAO(TM), CIAO(TM), DAnCE(TM), or CoSMIC(TM), nor does it grant permission for the name Washington University, UC Irvine, or Vanderbilt University to appear in their names.

.

Files:
system_wrappers/source/spreadsortlib/constants.hpp
system_wrappers/source/spreadsortlib/spreadsort.hpp

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.*/

Hide details

Change log

r3959 by and...@webrtc.org on May 5, 2013 Diff

Consolidate all third party licenses in LICENSE_THIRD_PARTY.

- Add the full license to all third party files.
- Correct some entries in LICENSE_THIRD_PARTY which were missing the full license.
- Relicense all Chromium-licensed files under WebRTC.
- Remove third_party_mods/, which is now

...

Go to:

Older revisions

r3950 by leozw...@webrtc.org on May 3, 2013 Diff

r3939 by niklas.e...@webrtc.org on May 2, 2013 Diff

r2963 by and...@webrtc.org on Oct 22, 2012 Diff

All revisions of this file

File info

Size: 19750 bytes, 435 lines

View raw file

https://code.google.com/p/webrtc/source/browse/trunk/talk/LICENSE_THIRD_PARTY

This source tree contains third party source code which is governed by third party licenses. This file contains references to files which are under other licenses than the one provided in the COPYING file in the root of the source tree.

Files governed by third party licenses:

Governed by license within files (Public domain):

Exact origin unknown

base/base64.c

base/base64.h

Governed by <http://www.fourmilab.ch/md5/> (Public domain):

base/md5.c

base/md5.h

Governed by http://www.boost.org/LICENSE_1_0.txt (Boost license):

base/scoped_ptr.h

Governed by license within files (Public domain):

Originally downloaded from http://svn.ghostscript.com/jbig2dec/tags/release_0_02/sha1.*

base/sha1.c

base/sha1.h

Governed by <http://sigslot.sourceforge.net/#license> (Public domain):

base/sigslot.h

Governed by <http://www.freedesktop.org/wiki/Software/systemd> (LGPL 2.1+):

third_party/libudev/libudev.h

Hide details

Change log

r4356 by henr...@webrtc.org on Jul 16, 2013 Diff

Libjingle in webrtc needs updated AUTHORS,
COPYING, LICENSE_THIRD_PARTY AND README.

BUG=1935

R=andrew@webrtc.org, fischman@webrtc.org

Review URL: <https://webrtc-codereview.appspot.com/1805005>

Go to:

Older revisions

All revisions of this file

File info

Size: 896 bytes, 29 lines

View raw file

<https://code.google.com/p/webrtc/source/browse/stable/talk/COPYING>

Copyright (c) 2013, 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.
- 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 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.

<https://code.google.com/p/webrtc/source/browse/stable/talk/OWNERS>

set noparent

fischman@webrtc.org
henrike@webrtc.org
hta@webrtc.org
juberti@webrtc.org
mallinath@webrtc.org
perkj@webrtc.org
sergeyu@chromium.org
tommi@webrtc.org
wu@webrtc.org
per-file *.isolate=kjellander@webrtc.org

WTFPL License

Copyright © 2014, Tommy Montgomery.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE
Version 2, December 2004

Copyright © 2004 Sam Hocevar <sam@hocevar.net>

Everyone is permitted to copy and distribute verbatim or modified copies of this license document, and changing it is allowed as long as the name is changed.

DO WHAT THE FUCK YOU WANT TO PUBLIC LICENSE TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

1. You just DO WHAT THE FUCK YOU WANT TO.

Zlib License

Copyright © 1995-2010 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

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