

Sangoma Phone EULA 2022.03.07

END-USER LICENSE AGREEMENT FOR SANGOMA PHONE SOFTWARE AND SANGOMA PHONES

March 2022

IMPORTANT – PLEASE READ CAREFULLY

1.1 Definitions

Affiliate means an entity which is (a) directly or indirectly controlling Sangoma; or (b) which is directly or indirectly owned or controlled by Sangoma.

Original Sangoma Phone Software means the software, sounds (for example, ringtones), interfaces, content, fonts, documentation, and any data that are delivered with Sangoma Phones.

Sangoma Phones means Sangoma manufactured and branded phones which are hardware devices (inclusive of the Sangoma Phone Software).

Sangoma Phone Software collectively means both the Original Sangoma Phone Software and any Sangoma Phone Software Updates.

Sangoma Phone Software Updates means updates or replacements provided by Sangoma for the Original Sangoma Phone Software in the form of feature enhancements, software updates, bug fixes, upgrades, otherwise modified versions of the Original Sangoma Phone Software, or system restore software provided by Sangoma, whether in read only memory or on any other media or in any other form.

Sangoma means both Sangoma Technologies, Inc. and Sangoma's Affiliates.

You, you or your means collectively the licensee, purchaser, and end user.

1.2 This End-User License Agreement (the "Agreement" or "EULA") is a legal agreement between Sangoma and You regarding the license terms of the Original Sangoma Phone Software, the Sangoma Phone Software Updates and the terms of use for Sangoma Phones. By using a Sangoma Phone or downloading a Sangoma Phone Software Update, as applicable, you are agreeing to be bound by the terms of this Agreement. If you do not agree to the terms of this Agreement you may return the Sangoma Phone, subject to the time limitations, unopened requirement, and other restrictions of Sangoma's then current Warranty, Return, and Shipping Policy. Copies of Sangoma's Warranty, Return, and Shipping Policy may both be found on www.sangoma.com/legal and the terms are incorporated herein by reference.

2. GRANT OF LICENSE. The Sangoma Phone Software is licensed, not sold, to you by Sangoma for use only under the terms of this Agreement. Subject to the terms and conditions of this Agreement, Sangoma grants you a non-exclusive, non-sublicenseable, non-transferable license to use the Sangoma Phone Software for internal business purposes and not for resale, sub-license, or leasing. Notwithstanding the foregoing, Sangoma acknowledges that certain components of the Sangoma Phone Software may be covered by so-called "open source" software licenses ("Open Source Components"). Sangoma will provide a list of Open Source Components for the particular version of the Sangoma Phone Software you are using upon your request. To the extent required by the licenses covering Open Source Components, the terms of such licenses will apply in lieu of the terms of this Agreement, and Sangoma hereby represents that only Open Source Components with licenses that intend to grant permissions no less broad than the license granted in this Section 2 are included in the Sangoma Phone Software. To the extent which the licenses applicable to an Open Source Component prohibit any of the restrictions in this Agreement with respect to such Open Source Component, such restrictions will not apply. A list of the licenses under which the Open Source Components are made available is provided in Exhibit A and those terms are incorporated herein by reference.

Sangoma respects your privacy. Please read the following statement that applies to data collected by Sangoma through the Sangoma Phone. The Sangoma Phone may collect a variety of information including but not limited to server and software configuration information and reports that to Sangoma's server on boot for the purpose of improving the performance of the Sangoma Phone. This information may be stored by Sangoma perpetually. Sangoma may share and disclose the foregoing information in an aggregated form in order to describe Sangoma's services to prospective and existing partners, advertisers, or other third parties, and for other lawful purposes. The aggregated information will not be linked to any personal information that can identify any individual person or company. The following information is excluded from being collected pursuant to the foregoing: call logs, call recording details, login and logout activity, extension details such as name, address, and password, SIP provider details such as username and password, contact entries for names and phone numbers, administrative-user information, and audio files. Additional information pertaining to your privacy rights can be found in the Sangoma Privacy Policy, available at www.sangoma.com/legal and the terms of which are incorporated herein by reference.

3. RESERVATION OF RIGHTS. Except for the limited license rights expressly granted in this Agreement, Sangoma reserves all rights in and to the Sangoma Phone Software and any modifications thereto, including title, ownership, trademark, copyright, patent, trade secret and any other rights and interests. You will own only the hardware of the Sangoma Phone (exclusive of Sangoma Phone Software embedded in the hardware) and the physical media on which the Sangoma Phone Software and associated documentation are reproduced and distributed. Sangoma Phones that are provided or sold as demo or evaluation units, or are marked with the legend "For Evaluation Only" or a similar notation, are not authorized for commercial business use in production or deployment, but are made available only for demonstration or evaluation purposes, and may not be resold or transferred to any third party without prior written permission from Sangoma.

4. EMERGENCY CALLS. You understand and acknowledge that Sangoma Phones may be used to implement, supplement, or replace telephone systems and telecommunications services, and that in some cases, certain government regulations may apply to their

implementation or use; and compliance with such regulations is your sole responsibility. You understand and acknowledge that users of the system in which you install Sangoma Phones may attempt to use that system to place emergency calls. You acknowledge and agree that: the Sangoma Phones must be properly configured for your system or application; that the nature of the Sangoma Phone and any networks the Sangoma Phone may operate upon allow many possible configurations; that such configuration may be beyond the scope of the documentation supplied with the Sangoma Phones; and that specialized experience and training may be required to properly configure the Sangoma Phones. You acknowledge and agree that it is your sole responsibility to ensure that the Sangoma Phone and associated networks and systems are implemented and configured such that emergency calls are properly handled, and that any system or application using the Sangoma Phones complies with all applicable laws and regulations. You acknowledge and agree that telephone and telecommunications systems can be complex and must be installed, implemented, and configured by the appropriate technically qualified personnel, and that you or your authorized agents have the qualifications necessary to properly implement and configure the Sangoma Phone to handle emergency calls, if applicable. You further acknowledge and agree that it is your sole and ongoing responsibility to ensure the proper operation of any emergency calling system that is providing service to the Sangoma Phone, including, but not limited to: initially and regularly testing the operation of the Sangoma Phone, including testing the operation with emergency services; notifying and training all users of any system on which the Sangoma Phone are installed how to use the system for emergency calls; and notifying such users of any and all limitations of your configuration and implementations of the Sangoma Phone Software and any network or system the Sangoma Phones are used on or with. By using Sangoma Phones under this Agreement, you explicitly release Sangoma from any warranty, duty, liability, or obligation to train you or any users of your system regarding the proper configuration, operation, or use on any system or network it is used in conjunction with on which it is installed; to ensure that your configuration, implementation, or use of Sangoma Phones provides for the proper handling or routing of emergency calls; or to ensure that your use of Sangoma Phones is in compliance with any applicable laws and regulations.

5. LIMITATION OF LIABILITY.

To the maximum extent permitted by law, Sangoma and its suppliers are not liable under any contract, negligence, strict liability or other legal or equitable theory for any loss of use of Sangoma Phones, inconvenience or indirect damages of any character, including but not limited to damages for copyright or patent infringement, whether special, incidental or consequential (including, but not limited to, loss of revenue or profit, work stoppage, computer failure or malfunction, failure of connected equipment or programs, loss of information or data or loss of goodwill) resulting from the use of Sangoma Phones, relating to warranty service, or arising out of any breach of this Agreement, even if Sangoma or its suppliers have been advised of the possibility of such damages. The sole remedy for a breach of the foregoing limited warranty is repair, replacement or refund of the defective or non-conforming Sangoma Phone. The maximum liability of Sangoma under this Agreement is limited to the purchase price of the Sangoma Phones which are the subject of the dispute. The foregoing express written warranties and remedies are exclusive and in lieu of any other warranties or remedies, express, implied or statutory.

6. WARRANTY AND RETURN

The terms under which Sangoma Phones are warranted and able to be returned are defined in the Sangoma Warranty, Return, and Shipping Policy, which is available on www.sangoma.com/legal, the terms of which are included herein and incorporated by this reference. Sangoma reserves the right to update Sangoma's Warranty, Return, and Shipping Policy. The version of the Warranty, Return, and Shipping Policy that is current as of the date of Your purchase of Sangoma Phone is the version that applies to You.

6.1 WARRANTY DISCLAIMER

EXCEPT FOR THE WARRANTY EXPLICITLY SET FORTH ON WWW.SANGOMA.COM/LEGAL TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW, NEITHER SANGOMA, NOR ITS THIRD-PARTY LICENSORS OR SUPPLIERS, NOR ITS DIRECTORS, OFFICERS, EMPLOYEES, OR AFFILIATES MAKE ANY REPRESENTATIONS OR WARRANTIES OF ANY KIND TO YOU OR ANY END USER, EITHER EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO WARRANTIES OR REPRESENTATIONS OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, OR NON-INFRINGEMENT, EXCEPT TO THE EXTENT OTHERWISE SPECIFICALLY AGREED IN WRITING BY SUCH PERSON OR ENTITY. TO THE MAXIMUM EXTENT ALLOWED BY APPLICABLE LAW, IN NO EVENT SHALL SANGOMA, ITS THIRD PARTY LICENSORS OR SUPPLIERS, NOR ITS DIRECTORS, OFFICERS, EMPLOYEES, AFFILIATES OR LICENSORS BE LIABLE TO YOU FOR ANY INCIDENTAL DAMAGES, CONSEQUENTIAL DAMAGES, OR ECONOMIC DAMAGE OR INJURY TO PROPERTY, INCLUDING LOST PROFITS OR LOST REVENUES, WHETHER BASED ON CONTRACT, TORT (INCLUDING NEGLIGENCE) OR OTHER THEORY AND REGARDLESS OF WHETHER SUCH PERSON OR ENTITY SHALL BE ADVISED OR HAVE REASON TO KNOW OF THE POSSIBILITY OF SUCH DAMAGES, EXCEPT TO THE EXTENT OTHERWISE AGREED IN WRITING BY SUCH PERSON OR ENTITY. SOME COUNTRIES, STATES, OR PROVINCES DO NOT ALLOW FOR THE EXCLUSION OF IMPLIED WARRANTIES OR THE LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES FOR CERTAIN PRODUCTS APPLIED TO CONSUMERS, OR THE LIMITATION FOR PERSONAL INJURY, SO THE ABOVE LIMITATIONS AND EXCLUSIONS MAY BE LIMITED IN THEIR APPLICATION TO YOU. IF THE IMPLIED WARRANTIES ARE NOT ALLOWED TO BE EXCLUDED IN THEIR ENTIRETY, THEY WILL BE LIMITED TO THE DURATION OF SANGOMA'S WARRANTY IN THE WARRANTY, RETURN, AND SHIPPING POLICY AVAILABLE ON WWW.SANGOMA.COM/LEGAL.

7. PROPRIETARY WORKS. Sangoma Phones contain trademarks, trade secrets and/or copyrighted materials of Sangoma or its suppliers.

7.1 You agree not to reverse engineer, decompile, or disassemble Sangoma Phones, nor defeat, bypass, remove or otherwise interfere with any licensing mechanism which may be provided in or with the Sangoma Phone Software, except to the extent such restriction is expressly prohibited by applicable law or as permitted by the licensing terms governing the Open Source Components. You shall not disclose or make available such trade secrets or copyrighted material (including any information pertaining to any licensing mechanism which may be provided in or with the Sangoma Phone Software) in any form to any third party nor remove any trademark notices, copyright notices, or licensing terms from Sangoma Phones or any components therein. Title and intellectual property rights in and to Sangoma trademarks and Sangoma copyrighted material which appears in content displayed by or accessed through the Sangoma Phone Software belongs to Sangoma. This Agreement does not grant you any rights to use such trademarks or copyrighted material nor does it guarantee that such content will continue to be available to you.

7.2 You will not (except with regard to fair use or nominative use) without Sangoma's written consent, use the name, trademarks, trade names or logos of Sangoma, or the name of any product or service of Sangoma, in any manner. If Sangoma grants you a right to use the aforementioned, you will do so only in strict compliance with Sangoma trademark policies.

8. TERMINATION. This Agreement shall terminate upon either destruction of Your Sangoma Phones or return of Your Sangoma Phones to Sangoma or Sangoma's authorized channel partner from whom you purchased the Sangoma Phone. In the event of a breach of the scope of use permitted by the grant in Section 2, or if you do not comply with other material terms and conditions of this Agreement, Sangoma shall

have the right to immediately terminate this Agreement, in which case you must promptly destroy or return Your Sangoma Phones to Sangoma. Notwithstanding the foregoing, the provisions of Sections 5, 6, 7, 8, 9, 10, 11, 12 and 13 shall survive termination of this Agreement.

9. EXPORT RESTRICTION AND COMPLIANCE WITH ALL APPLICABLE LAWS. You acknowledge that Sangoma Phones, with the possible exception of certain third-party components, are of United States origin. The export and re-export of Sangoma Phones are controlled by the United States Export Administration Regulations and Sangoma Phones may not be exported or re-exported to any country to which the United States embargoes goods. In addition, Sangoma Phones may not be distributed to persons on the Table of Denial Orders, the Entity List, or the List of Specially Designated Nationals. By downloading Sangoma Phone Software or using a Sangoma Phone, you are certifying that you are not a national of an embargoed country to which the United States embargoes goods and that you are not a person on the Table of Denial Orders, the Entity List or the List of Specially Designated Nationals. You also agree that you will not use Sangoma Phones for any purposes prohibited by United States law. You agree to use Sangoma Phones in compliance with all applicable laws, including local laws of the country or region in which you reside or you download the Sangoma Phone Software or use Sangoma Phones.

10. TRANSFER AND ASSIGNMENT. This Agreement and the rights and obligations under it are not assignable by you without the prior written approval of Sangoma, voluntarily or by operation of law. Any attempt by you to assign this Agreement without such approval shall be void. This Agreement shall inure to the benefit of the successors and assigns of Sangoma.

11. U.S. GOVERNMENT USERS. Sangoma Phones and their documentation qualify as "commercial items" as defined at 48 C.F.R. 2.101 and 48 C.F.R. 12.212. All Government users acquire Sangoma Phones and documentation with only those rights herein that apply to non-governmental customers of Sangoma.

12. GOVERNING LAW AND JURISDICTION AND DISPUTE RESOLUTION. This Agreement shall be governed by and construed under the laws of the USA, and to the extent no federal law applies, the laws of the Province of Ontario, Canada. Forum, jurisdiction, and venue shall be determined in accordance with such law. If permitted by applicable law, Sangoma and you hereby expressly waive any right to a trial by jury and consent to a bench trial in the event of a dispute. Sangoma and you agree to attempt to resolve any dispute by direct communication between representatives of each party who are authorized to finally resolve the dispute prior to filing any legal action against the other party. The parties agree to attempt to resolve the dispute within fourteen (14) days of notice of the dispute having been provided to the party not invoking this clause and agree not to resort to legal action, other than injunctions, during the fourteen day dispute resolution period. The United Nations Convention on International Sale of Goods, the application of which is expressly excluded, does not govern this Agreement.

13. ENTIRE AGREEMENT. This Agreement constitutes the entire understanding between the parties relating to the subject matter hereof and supersedes all prior writings, negotiations or understandings with respect thereto. The provisions of this Agreement shall take precedence over any conflicting terms in any subsequent purchase order, documentation or collateral. The parties agree that this Agreement may be executed electronically and that electronic copies of this Agreement shall be binding upon the parties. If any provision of this EULA is held to be void, invalid, unenforceable or illegal, the other provisions shall continue in full force and effect.

EXHIBIT A- OPEN SOURCE COMPONENT LICENSES

1. OPEN SOURCE LICENSES. Sangoma acknowledges that the Sangoma Phone Software contains some Open Source Components which are licensed for distribution under so-called "open source" distribution licenses, and includes the licenses for these Open Source Components in compliance with the license terms. Sangoma notes that this list of licenses encompasses a superset of licenses for components that are used by various models within a family of Sangoma Phone models, where each model contains some, but not all, of the components listed in these exhibits.

You may obtain distribution media containing the source code for Open Source Components whose licenses mandate that Sangoma provide source code upon request by contacting Sangoma sales via:

Postal Service:
Sangoma US
Sales Department
445 Jan Davis Drive NW
Huntsville, AL 35806

Or by using the contact sales form available at URL: <http://www.sangoma.com>

Or by calling Sangoma sales at +1 (256) 428-6262

Via any of these means, you may order a product code that we will provide to you, and this will be shipped to you after payment of a price no more than Sangoma's reasonable cost in physically performing the conveying of this source code. Orders placed via electronic mail must be paid via a Sangoma-accepted credit card; orders via postal service can be paid either via credit card or a check drawn on a United States bank.

2. GNU GENERAL PUBLIC LICENSE VERSION 2.0 COMPONENTS. The following components are licensed under version 2.0 of the GNU General Public License (included as [Exhibit A.1](#)).

1. acl
2. alsa-lib
3. alsa-plugins
4. alsa-utils
5. attr
6. autoconf-archive
7. avahi
8. base-files
9. base-passwd

10. bash-completion
11. ca-certificates
12. dbus
13. e2fsprogs
14. elfutils
15. ethtool
16. eudev
17. fbv
18. ffmpeg
19. flac
20. fltk
21. freetype
22. glibc
23. glmark2
24. gobject-introspection
25. gstreamer1.0-libav
26. gstreamer1.0-plugins-bad
27. gstreamer1.0-plugins-base
28. gstreamer1.0-plugins-good
29. init-ifupdown
30. init-system-helpers
31. initscripts
32. iproute2
33. iptables
34. iptutils
35. jack
36. kmod
37. libcap
38. libcap-ng
39. libgcrypt
40. libgpg-error
41. libnano-x
42. libpam
43. libtool
44. linux-libc-headers
45. linuxptp
46. lrzsz
47. lzo
48. make-mod-scripts
49. microwin/nano-x
50. mtdutils
51. netbase
52. openvpn
53. opkg-utils
54. pps-tools
55. sbc
56. shared-mime-info
57. sysvinit
58. sysvinit-inittab
59. u-boot
60. update-rc.d
61. util-linux
62. v4l-utils
63. x264
64. xz

3. GNU GENERAL PUBLIC LICENSE VERSION 3 COMPONENTS. The following components are licensed under version 3 of the GNU General Public License (included as [Exhibit A.2](#)).

1. autoconf-archive
2. bash
3. coreutils
4. cracklib
5. elfutils
6. findutils
7. gawk
8. gdbm
9. gnutls
10. gstreamer1.0-libav
11. libgcc
12. libidn2
13. m4
14. readline
15. rsync
16. xz

4. GNU LIBRARY GENERAL PUBLIC LICENSE VERSION 2 COMPONENTS. The following components are licensed under version 2 of the GNU Library General Public License (included as [Exhibit A.3](#)).

1. e2fsprogs
2. gobject-introspection
3. gstreamer1.0
4. gstreamer1.0-libav
5. gstreamer1.0-plugins-bad
6. gstreamer1.0-plugins-base
7. lame
8. libcroco
9. librsvg
10. libsoup-2.4
11. pango

5. GNU LESSER GENERAL PUBLIC LICENSE VERSION 2.1 COMPONENTS. The following components are licensed under version 2.1 of the GNU Lesser General Public License (included as [Exhibit A.4](#)).

1. acl
2. alsa-lib
3. alsa-plugins
4. attr
5. avahi
6. cairo
7. eudev
8. ffmpeg
9. flac
10. fridibi
11. gdk-pixbuf
12. glib-networking
13. glibc
14. gnutls
15. gstreamer1.0-libav
16. gstreamer1.0-plugins-bad
17. gstreamer1.0-plugins-good
18. iso-codes
19. jack
20. kmod
21. libcap-ng
22. libcroco
23. libdaemon
24. libgcrypt
25. libgpg-error
26. libgudev
27. libmnl
28. libnl
29. libnsl2
30. libnss-mdns
31. libsndfile1
32. libtool
33. libubootenv
34. libusb1
35. libxcrypt
36. mpg123
37. sbc
38. taglib
39. util-linux
40. v4l-utils
41. xz

6. GNU LESSER GENERAL PUBLIC LICENSE VERSION 3.0 COMPONENTS. The following components are licensed under 3.0 of the GNU Lesser General Public License (included as [Exhibit A.5](#)).

1. elfutils
2. gmp
3. gstreamer1.0-libav
4. libidn2
5. nettle
6. qtquickcontrols2

7. APACHE LICENSE VERSION 2.0 COMPONENTS. The following components are licensed under Apache License Version 2.02 (included as [Exhibit A.6](#))

1. brcm-patchram-plus

2. grpc

8. ARTISTIC LICENSE 1.0 COMPONENTS. The following components are licensed under 1.0 of the Artistic License 1.0 (included as [Exhibit A.7](#))

1. perl
2. shadow
3. shadow-sysroot

9. GNU FREE DOCUMENTATION LICENSE 1.2 COMPONENTS. The following components are licensed under 1.2 of the GNU Free Documentation License (included as [Exhibit A.8](#))

1. flac

10. GNU FREE DOCUMENTATION LICENSE 1.3 COMPONENTS. The following components are licensed under 1.3 of the GNU Free Documentation License (included as [Exhibit A.9](#))

1. qtbase
2. qtdeclarative
3. qtgraphicaleffects
4. qtmultimedia
5. qtquickcontrols
6. qtquickcontrols2
7. qtsvg
8. qtxmlpatterns

11. OTHER OPEN SOURCE LICENSES. The following components are licensed under various licenses, included in their respective Exhibits.

1. alsa-state, [Exhibit A.10](#), MIT (as specified in [Exhibit A.10](#))
2. bind, [Exhibit A.11](#), ISC & BSD (as specified in [Exhibit A.11](#))
3. boost, [Exhibit A.12](#), Boost & MIT & Python (as specified in [Exhibit A.12](#))
4. breakpad, [Exhibit A.13](#), BSD (as specified in [Exhibit A.13](#))
5. busybox, [Exhibit A.14](#), GPLv2 & bzip2 (as specified in [Exhibit A.14](#))
6. bzip2, [Exhibit A.15](#), BSD (as specified in [Exhibit A.15](#))
7. c-ares, [Exhibit A.16](#), MIT (as specified in [Exhibit A.16](#))
8. ca-certificates, [Exhibit A.17](#), MPL (as specified in [Exhibit A.17](#))
9. curl, [Exhibit A.18](#), MIT (as specified in [Exhibit A.18](#))
10. db, [Exhibit A.19](#), Sleepycat (as specified in [Exhibit A.19](#))
11. depmodwrapper, [Exhibit A.20](#), MIT (as specified in [Exhibit A.20](#))
12. dhcp, [Exhibit A.21](#), ISC (as specified in [Exhibit A.21](#))
13. dropbear, [Exhibit A.22](#), MIT, BSD, PD (as specified in [Exhibit A.22](#))
14. e2fsprogs, [Exhibit A.23](#), BSD & MIT (as specified in [Exhibit A.23](#))
15. expat, [Exhibit A.24](#), MIT (as specified in [Exhibit A.24](#))
16. ffmpeg, [Exhibit A.25](#), BSD & MIT (as specified in [Exhibit A.25](#))
17. file, [Exhibit A.26](#), BSD (as specified in [Exhibit A.26](#))
18. flac, [Exhibit A.27](#), BSD (as specified in [Exhibit A.27](#))
19. flex, [Exhibit A.28](#), BSD (as specified in [Exhibit A.28](#))
20. fontconfig, [Exhibit A.29](#), MIT & PD (as specified in [Exhibit A.29](#))
21. gflags, [Exhibit A.30](#), BSD (as specified in [Exhibit A.30](#))
22. glib-2.0, [Exhibit A.31](#), BSD & PD (as specified in [Exhibit A.31](#))
23. googletest, [Exhibit A.32](#), BSD (as specified in [Exhibit A.32](#))
24. gstreamer1.0-meta-base, [Exhibit A.33](#), MIT (as specified in [Exhibit A.33](#))
25. harfbuzz, [Exhibit A.34](#), MIT (as specified in [Exhibit A.34](#))
26. icu, [Exhibit A.35](#), ICU (as specified in [Exhibit A.35](#))
27. init-system-helpers, [Exhibit A.36](#), BSD (as specified in [Exhibit A.36](#))
28. iputils, [Exhibit A.37](#), BSD (as specified in [Exhibit A.37](#))
29. iw, [Exhibit A.38](#), BSD (as specified in [Exhibit A.38](#))
30. libbsd, [Exhibit A.39](#), BSD & ISC & PD (as specified in [Exhibit A.39](#))
31. libedit, [Exhibit A.40](#), BSD (as specified in [Exhibit A.40](#))
32. libevent, [Exhibit A.41](#), BSD & MIT (as specified in [Exhibit A.41](#))
33. libffi, [Exhibit A.42](#), MIT (as specified in [Exhibit A.42](#))
34. libgcrypt, [Exhibit A.43](#), BSD (as specified in [Exhibit A.43](#))
35. libjpeg-turbo, [Exhibit A.44](#), BSD (as specified in [Exhibit A.44](#))
36. libogg, [Exhibit A.45](#), BSD (as specified in [Exhibit A.45](#))
37. libpcap, [Exhibit A.46](#), BSD (as specified in [Exhibit A.46](#))
38. libpcre, [Exhibit A.47](#), BSD (as specified in [Exhibit A.47](#))
39. libpcre2, [Exhibit A.48](#), BSD (as specified in [Exhibit A.48](#))
40. libpng, [Exhibit A.49](#), libpng (as specified in [Exhibit A.49](#))
41. libpng12, [Exhibit A.50](#), libpng (as specified in [Exhibit A.50](#))
42. libpsl, [Exhibit A.51](#), MIT (as specified in [Exhibit A.51](#))
43. libsamplerate0, [Exhibit A.52](#), BSD (as specified in [Exhibit A.52](#))
44. libsndfile, [Exhibit A.53](#), Zlib (as specified in [Exhibit A.53](#))

45. libtheora, [Exhibit A.54](#), BSD (as specified in [Exhibit A.54](#))
46. libtinyxml, [Exhibit A.55](#), Zlib (as specified in [Exhibit A.55](#))
47. libtinyxml2, [Exhibit A.56](#), Zlib (as specified in [Exhibit A.56](#))
48. libtirpc, [Exhibit A.57](#), BSD (as specified in [Exhibit A.57](#))
49. libvorbis, [Exhibit A.58](#), BSD (as specified in [Exhibit A.58](#))
50. libwebp, [Exhibit A.59](#), BSD (as specified in [Exhibit A.59](#))
51. libxml2, [Exhibit A.60](#), MIT (as specified in [Exhibit A.60](#))
52. lighttpd, [Exhibit A.61](#), BSD (as specified in [Exhibit A.61](#))
53. lldpd, [Exhibit A.62](#), ISC (as specified in [Exhibit A.62](#))
54. modutils-initscripts, [Exhibit A.63](#), Public Domain (as specified in [Exhibit A.63](#))
55. ncurses, [Exhibit A.64](#), MIT (as specified in [Exhibit A.64](#))
56. ntp, [Exhibit A.65](#), BSD (as specified in [Exhibit A.65](#))
57. openldap, [Exhibit A.66](#), OpenLDAP (as specified in [Exhibit A.66](#))
58. openssl, [Exhibit A.67](#), OpenSSL (as specified in [Exhibit A.67](#))
59. orc, [Exhibit A.68](#), BSD (as specified in [Exhibit A.68](#))
60. os-release, [Exhibit A.69](#), MIT (as specified in [Exhibit A.69](#))
61. pam-plugin-ldapdb, [Exhibit A.70](#), MIT (as specified in [Exhibit A.70](#))
62. pixman, [Exhibit A.71](#), MIT & PD (as specified in [Exhibit A.71](#))
63. pointercal, [Exhibit A.72](#), MIT (as specified in [Exhibit A.72](#))
64. popt, [Exhibit A.73](#), MIT (as specified in [Exhibit A.73](#))
65. portaudio-v19, [Exhibit A.74](#), MIT (as specified in [Exhibit A.74](#))
66. protobuf, [Exhibit A.75](#), BSD (as described in [Exhibit A.75](#))
67. protobuf-c, [Exhibit A.76](#), BSD (as described in [Exhibit A.76](#))
68. python3, [Exhibit A.77](#), PSFv2 (as described in [Exhibit A.77](#))
69. qtbase, qtdeclarative, qtgraphicaleffects, qtmultimedia, qtquickcontrols, qtquickcontrols2, qtsvg, & qtxmlpatterns, [Exhibit A.78](#), BSD (as specified in [Exhibit A.78](#))
70. rapidjson, [Exhibit A.79](#), MIT (as specified in [Exhibit A.79](#))
71. run-postinsts, [Exhibit A.80](#), MIT (as specified in [Exhibit A.80](#))
72. shadow-securetty, [Exhibit A.81](#), MIT (as specified in [Exhibit A.81](#))
73. socket.io-client-cpp, [Exhibit A.82](#), MIT (as specified in [Exhibit A.82](#))
74. speex & speexdsp, [Exhibit A.83](#), BSD (as specified in [Exhibit A.83](#))
75. sqlite3, [Exhibit A.84](#), PD (as specified in [Exhibit A.84](#))
76. tcpdump, [Exhibit A.85](#), BSD (as specified in [Exhibit A.85](#))
77. ttf-dejavu, [Exhibit A.86](#), BitstreamVera (as specified in [Exhibit A.86](#))
78. tzdata, [Exhibit A.87](#), PD & BSD (as specified in [Exhibit A.87](#))
79. uriparser, [Exhibit A.88](#), BSD (as specified in [Exhibit A.88](#))
80. util-linux, [Exhibit A.89](#), BSD (as specified in [Exhibit A.89](#))
81. websocketpp, [Exhibit A.90](#), BSD (as specified in [Exhibit A.90](#))
82. wpa-supPLICANT, [Exhibit A.91](#), BSD (as specified in [Exhibit A.91](#))
83. xz, [Exhibit A.92](#), Autoconf Exception & PD (as specified in [Exhibit A.92](#))
84. zlib, [Exhibit A.93](#), Zlib (as specified in [Exhibit A.93](#))
85. lvgl, [Exhibit A.94](#), MIT (as specified in [Exhibit A.94](#))

Exhibit A.1

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Version 2.1, February 1999

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"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

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

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Julian Seward, jseward@bzip.org
bzip2/libbzip2 version 1.0.6 of 6 September 2010

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loginrec.h
atomicio.h

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curve25519-donna: Curve25519 elliptic curve, public key function

<http://code.google.com/p/curve25519-donna/>

Adam Langley <agl@imperialviolet.org>

Derived from public domain C code by Daniel J. Bernstein <djb@cr.yp.to>

More information about curve25519 can be found here
<http://cr.yp.to/ecdh.html>

djb's sample implementation of curve25519 is written in a special assembly language called qhasm and uses the floating point registers.

This is, almost, a clean room reimplementation from the curve25519 paper. It uses many of the tricks described therein. Only the crecip function is taken from the sample implementation.

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3. [3]Bernd Altmeier <altmeier@atsoft.de> hopf Elektronik serial line and PCI-bus devices
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33. [36]George Lindholm <lindholm@ucs.ubc.ca> SunOS 5.1 port
34. [37]Louis A. Mamakos <louie@ni.umd.edu> MD5-based authentication
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***** SHA1 Library (sha1/sha1.hpp) *****

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

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***** MD5 Library (common/md5.hpp) *****

md5.hpp is a reformulation of the md5.h and md5.c code from <http://www.opensource.apple.com/source/cups/cups-59/cups/md5.c> to allow it to function as a component of a header only library. This conversion was done by Peter Thorson (webmaster@zaphoyd.com) in 2012 for the WebSocket++ project. The changes are released under the same license as the original (listed below)

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***** UTF8 Validation logic (utf8_validation.hpp) *****

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

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