**OPEN SOURCE SOFTWARE NOTICE**

Please note we provide an open source software notice along with this product and/or this product firmware (in the following just “this product”). The open source software licenses are granted by the respective right holders. And the open source licenses prevail all other license information with regard to the respective open source software contained in the product, including but not limited to End User Software Licensing Agreement. This notice is provided on behalf of Huawei Technologies Co. Ltd. and any of its local subsidiaries which may have provided this product to you in your local country.

**Warranty Disclaimer**

**The open source software in this product is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY, without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the applicable licenses for more details.**

**Copyright Notice and License Texts**

Software: cairo 1.16.0

**Copyright notice:**

Copyright ©2013 Intel Corporation  
Copyright © 2004,2006 Red Hat, Inc.  
Copyright © 2010 Linaro Limited  
Copyright © 2010 Red Hat, Inc  
Copyright © 2014 Lukas Lalinsky  
Copyright 2010 Soeren Sandmann Pedersen  
Copyright © 2013 Adrian Johnson  
Copyright 2007 Jeff Muizelaar  
Copyright © 2012 Intel Corporation  
Copyright © 2010 Red Hat Inc.  
Copyright © 2009 Adrian Johnson  
Copyright 2003 Tungsten Graphics, Inc., Cedar Park, Texas.  
Copyright © 2008 Mozilla Corporation  
Copyright © 2008 Red Hat, Inc.  
Copyright 2009 Intel Corporation  
Copyright 2011 Andrea Canciani  
Copyright 2006 Tungsten Graphics, Inc., Bismarck, ND., USA All Rights Reserved.  
Copyright © 2015 Adrian Johnson  
Copyright © 2005 Billy Biggs  
Copyright © 2004 Richard D. Worth  
Copyright © 2004,2007 Red Hat, Inc.  
Copyright 2011 SCore Corporation  
Copyright (C) 1991, 1999 Free Software Foundation, Inc.  
Copyright © 2013 Intel Corporation  
Copyright © 2009 Joonas Pihlaja  
Copyright © 2014 Intel Corporation  
Copyright (c) 2010 M Joonas Pihlaja  
Copyright © 2008 M Joonas Pihlaja  
Copyright © 2006 Novell, Inc.  
Copyright © 2008 Carlos Garcia Campos  
Copyright © 2008 Chris Wilson <chris@chris-wilson.co.uk>  
Copyright © 2014 Google, Inc.  
Copyright © 2006 Jeff Muizelaar  
Copyright 2011 Red Hat Inc.  
Copyright © 2006 Red Hat, Inc.  
Copyright © 2011 Linaro Limited  
Copyright © 2011 Uli Schlachter  
Copyright © 2011,2013 Intel Corporation  
Copyright © 2006 Jeff Muizelaar <jeff@infidigm.net>  
Copyright © 2008 Behdad Esfahbod  
Copyright © 2010 Red Hat, Inc.  
Copyright © 2004 Keith Packard  
Copyright © 2010 Joonas Pihlaja  
Copyright 2009 Chris Wilson  
Copyright © 2007, Adrian Johnson  
Copyright © 2002 University of Southern California  
Copyright © 2011 Krzysztof Kosiński  
Copyright © 2009 Nis Martensen  
Copyright 2002 University of Southern California  
Copyright © 2007 Chris Wilson.  
Copyright (c) 2005-2006 netlabs.org  
Copyright 2010 Igor Nikitin  
Copyright 2005 Red Hat, Inc.  
Copyright © 2005 Red Hat, Inc.  
Copyright © 2005 Christian Biesinger <cbiesinger@web.de>  
Copyright 1997, 1998, 1999, 2000, 2001, 2002 Free Software Foundation, Inc.  
Copyright © 2011 Chris Wilson  
Copyright © 2006, 2007 Mozilla Corporation  
Copyright © 2007 Red Hat Inc.  
Copyright © 2009 Intel Corporation  
Portions created by are Copyright (C) . All Rights Reserved.  
Copyright © 2009 Jeff Muizelaar  
Copyright © 2006 Brian Ewins.  
Copyright © 2007 Intel Corporation  
Copyright © 2006 Dan Amelang  
Copyright © 2004 Carl Worth  
Copyright © 2007 Mathias Hasselmann  
PerceptualDiff version 1.0, Copyright (C) 2006 Yangli Hector Yee\  
Copyright © 2005 Mozilla Corporation, Inc.  
Copyright © 2006 Benjamin Otte  
Copyright 2007 Emmanuel Pacaud  
Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
Copyright © 2007 Dan Amelang  
Copyright © 2005 Owen Taylor  
Copyright 2010 Red Hat Inc.  
define CSIBITSWAP8(c) ((((c) 0x0802LU & 0x22110LU) | ((c) 0x8020LU & 0x88440LU)) 0x10101LU >> 16)  
Copyright (C) 2006 Red Hat, Inc.  
Copyright 2010 Red Hat  
Copyright © 2008 Chris Wilson  
Copyright © 2000 Keith Packard  
Copyright © 2006, 2009 Intel Corporation  
Copyright © 2007 Björn Lindqvist  
Copyright (C) Intel Corp. 2006. All Rights Reserved.  
Copyright © 2013 Samsung Electronics  
Copyright 2010 Krzysztof Kosiński  
Copyright © 2010 Andrea Canciani  
Copyright © 2012 Adrian Johnson  
Copyright © 2005 Emmanuel Pacaud <emmanuel.pacaud@univ-poitiers.fr>  
Copyright (c) 2006 Red Hat, Inc.  
Copyright © 2009 Chris Wilson  
Copyright © 2017 Adrian Johnson  
Copyright (c) 2011 Intel Corporation  
Copyright © 2010 M Joonas Pihlaja  
Copyright © 2005, 2007 Red Hat, Inc.  
Copyright (c) 2008 M Joonas Pihlaja  
Copyright © 2012 Uli Schlachter  
Copyright © 2005 Red Hat Inc.  
Copyright © 2007 Red Hat, Inc.  
Copyright © 2009,2010,2011 Intel Corporation  
Copyright © 2007 Tim Rowley  
Copyright © 2009 Kristian Høgsberg  
Copyright © 2017 Uli Schlachter  
Copyright © 2005 Tim Rowley  
Copyright © 2006 M Joonas Pihlaja  
Copyright © 2009 T. Zachary Laine  
Copyright © 2007 Brian Ewins  
Copyright 2010 Intel Corporation  
Copyright © 2011 Adrian Johnson  
Copyright 2012 Intel Corporation  
Copyright © 2007 Emmanuel Pacaud  
Copyright © 2007, 2008 Adrian Johnson  
Copyright © 2008 Mozilla Corporation  
Copyright © 2007 Jeff Smith  
Copyright © 2008 Opened Hand Ltd.  
Copyright © 2008 Adrian Johnson  
Copyright © 2017 Andrea Canciani  
Copyright © 2016 Adrian Johnson  
Copyright © 2012 Red Hat, Inc.  
Copyright © 2005 Emmanuel Pacaud <emmanuel.pacaud@free.fr>  
Copyright © 2008 Jeff Muizelaar  
Copyright © 2011 Samsung Electronics  
Copyright © 2002 Keith Packard  
Copyright (C) 2006,2007 Mozilla Corporation  
Copyright (c) 2011 Intel Corporation  
Copyright 2014 Intel Corporation  
Copyright © 2006 Keith Packard  
Copyright © 2017 Red Hat, Inc.  
Copyright © 2005 Mozilla Corporation  
Copyright (c) 2007 Netlabs  
Copyright © 2004 Calum Robinson  
Copyright 2008 Benjamin Otte  
Copyright 2009 Andrea Canciani  
Copyright © 2007,2008 Adrian Johnson  
Copyright 2008 Kai-Uwe Behrmann  
Copyright (C) 2007 Free Software Foundation, Inc. <http:fsf.org/>  
Copyright 2010 Chris Wilson  
Copyright © 2007 Adrian Johnson  
Copyright © 2005-2006 Emmanuel Pacaud <emmanuel.pacaud@free.fr>  
Copyright © 2005,2008 Red Hat, Inc.  
Copyright (c) 2011 Andrea Canciani  
Copyright © 2007 Mozilla Corporation  
Copyright © 2006 Red Hat, Inc  
Copyright (c) 2010 Intel Corporation  
Copyright © 2005 Keith Packard  
Copyright © 2006 Jinghua Luo  
Copyright © 2004 Red Hat, Inc  
Copyright © 2006, 2007 Mozilla Corporation  
Copyright © 2007 David Turner  
Copyright © 2000 SuSE, Inc.  
Copyright (c) 2006 Mozilla Corporation  
Copyright © 2003 University of Southern California  
Copyright 2005 Tungsten Graphics, Inc., Cedar Park, Texas.  
Copyright 2008 Chris Wilson  
Copyright © 2005 Red Hat, Inc  
Copyright © 2008 Novell, Inc.  
Copyright © 2011 Intel Corporation.  
Copyright (C) 2011 Andrea Canciani  
Copyright © 2011 Andrea Canciani  
Copyright © 2005,2010 Red Hat, Inc  
Copyright 2011 Intel Corporation  
Copyright © 2010 Intel Corporation  
Copyright 2010 Andrea Canciani  
Copyright © 2013 Uli Schlachter  
Copyright © 2005 Bertram Felgenhauer  
Copyright 2011 Simon Kellner  
Copyright © 2006, 2008 Red Hat, Inc  
Copyright © 2006 Mozilla Corporation  
define CAIROBITSWAP8(c) ((((c) 0x0802LU & 0x22110LU) | ((c) 0x8020LU & 0x88440LU)) 0x10101LU >> 16)  
Copyright © 2007 Keith Packard  
Copyright (C) 2006 Yangli Hector Yee  
Copyright © 2010 Eric Anholt  
Copyright © 2009 Benjamin Otte  
Copyright © 2005,2007 Red Hat, Inc.  
Copyright © 2005 Carl Worth  
Copyright © 2006 Kind Cairo User  
Copyright © 2005 Novell, Inc.  
Copyright © 2014 Samsung Electronics  
Copyright (c) 2007 David Turner  
Copyright © 2014 Intel Corporation, Inc  
Copyright © 1999 Tom Tromey  
Copyright © 2011 Intel Corporation  
Copyright © 2007 Mozilla Corporation  
Copyright © 2004 David Reveman  
Copyright (c)2002-2003 Mark K. Kim All rights reserved.  
Copyright © 2010 Mozilla Corporation  
Copyright © 2009 M Joonas Pihlaja  
Copyright 2009 Benjamin Otte  
Copyright © 2007 Chris Wilson  
Copyright © 2006 Joonas Pihlaja  
Copyright © 2012 Igalia S.L.  
Copyright 2012 Andrea Canciani  
Copyright © Chris Wilson, 2008  
Copyright © 2005-2007 Emmanuel Pacaud <emmanuel.pacaud@free.fr>  
Copyright © 2006 Intel Corporation  
Copyright © 2004 Red Hat, Inc.  
Copyright © 2009 Eric Anholt  
Copyright © 2006 Adrian Johnson  
Copyright © 2005,2008 Red Hat Inc.  
Copyright © 2008 Benjamin Otte  
Copyright © 2006, 2008 Red Hat, Inc.

**License:** LGPLv2 or MPLv1.1

The GNU General Public License (GPL) Version 2, June 1991  
  
Copyright (C) 1989, 1991 Free Software Foundation, Inc.  
51 Franklin Street, Fifth Floor  
Boston, MA 02110-1335  
USA  
  
Everyone is permitted to copy and distribute verbatim copies  
of this license document, but changing it is not allowed.  
  
Preamble  
  
The licenses for most software are designed to take away your freedom to  
share and change it. By contrast, the GNU General Public License is  
intended to guarantee your freedom to share and change free software--to  
make sure the software is free for all its users. This General Public  
License applies to most of the Free Software Foundation's software and  
to any other program whose authors commit to using it. (Some other Free  
Software Foundation software is covered by the GNU Library General  
Public License instead.) You can apply it to your programs, too.  
  
When we speak of free software, we are referring to freedom, not price.  
Our General Public Licenses are designed to make sure that you have the  
freedom to distribute copies of free software (and charge for this  
service if you wish), that you receive source code or can get it if you  
want it, that you can change the software or use pieces of it in new  
free programs; and that you know you can do these things.  
  
To protect your rights, we need to make restrictions that forbid anyone  
to deny you these rights or to ask you to surrender the rights. These  
restrictions translate to certain responsibilities for you if you  
distribute copies of the software, or if you modify it.  
  
For example, if you distribute copies of such a program, whether gratis  
or for a fee, you must give the recipients all the rights that you have.  
You must make sure that they, too, receive or can get the source code.  
And you must show them these terms so they know their rights.  
  
We protect your rights with two steps: (1) copyright the software, and  
(2) offer you this license which gives you legal permission to copy,  
distribute and/or modify the software.  
  
Also, for each author's protection and ours, we want to make certain  
that everyone understands that there is no warranty for this free  
software. If the software is modified by someone else and passed on, we  
want its recipients to know that what they have is not the original, so  
that any problems introduced by others will not reflect on the original  
authors' reputations.  
  
Finally, any free program is threatened constantly by software patents.  
We wish to avoid the danger that redistributors of a free program will  
individually obtain patent licenses, in effect making the program  
proprietary. To prevent this, we have made it clear that any patent must  
be licensed for everyone's free use or not licensed at all.  
  
The precise terms and conditions for copying, distribution and  
modification follow.  
  
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION  
  
0. This License applies to any program or other work which contains a  
notice placed by the copyright holder saying it may be distributed under  
the terms of this General Public License. The "Program", below, refers  
to any such program or work, and a "work based on the Program" means  
either the Program or any derivative work under copyright law: that is  
to say, a work containing the Program or a portion of it, either  
verbatim or with modifications and/or translated into another language.  
(Hereinafter, translation is included without limitation in the term  
"modification".) Each licensee is addressed as "you".  
  
Activities other than copying, distribution and modification are not  
covered by this License; they are outside its scope. The act of running  
the Program is not restricted, and the output from the Program is  
covered only if its contents constitute a work based on the Program  
(independent of having been made by running the Program). Whether that  
is true depends on what the Program does.  
  
1. You may copy and distribute verbatim copies of the Program's source  
code as you receive it, in any medium, provided that you conspicuously  
and appropriately publish on each copy an appropriate copyright notice  
and disclaimer of warranty; keep intact all the notices that refer to  
this License and to the absence of any warranty; and give any other  
recipients of the Program a copy of this License along with the Program.  
  
You may charge a fee for the physical act of transferring a copy, and  
you may at your option offer warranty protection in exchange for a fee.  
  
2. You may modify your copy or copies of the Program or any portion of  
it, thus forming a work based on the Program, and copy and distribute  
such modifications or work under the terms of Section 1 above, provided  
that you also meet all of these conditions:  
  
 a) You must cause the modified files to carry prominent notices  
 stating that you changed the files and the date of any change.  
  
 b) You must cause any work that you distribute or publish, that in  
 whole or in part contains or is derived from the Program or any part  
 thereof, to be licensed as a whole at no charge to all third parties  
 under the terms of this License.  
  
 c) If the modified program normally reads commands interactively  
 when run, you must cause it, when started running for such  
 interactive use in the most ordinary way, to print or display an  
 announcement including an appropriate copyright notice and a notice  
 that there is no warranty (or else, saying that you provide a  
 warranty) and that users may redistribute the program under these  
 conditions, and telling the user how to view a copy of this License.  
 (Exception: if the Program itself is interactive but does not  
 normally print such an announcement, your work based on the Program  
 is not required to print an announcement.)  
  
These requirements apply to the modified work as a whole. If  
identifiable sections of that work are not derived from the Program, and  
can be reasonably considered independent and separate works in  
themselves, then this License, and its terms, do not apply to those  
sections when you distribute them as separate works. But when you  
distribute the same sections as part of a whole which is a work based on  
the Program, the distribution of the whole must be on the terms of this  
License, whose permissions for other licensees extend to the entire  
whole, and thus to each and every part regardless of who wrote it.  
  
Thus, it is not the intent of this section to claim rights or contest  
your rights to work written entirely by you; rather, the intent is to  
exercise the right to control the distribution of derivative or  
collective works based on the Program.  
  
In addition, mere aggregation of another work not based on the Program  
with the Program (or with a work based on the Program) on a volume of a  
storage or distribution medium does not bring the other work under the  
scope of this License.  
  
3. You may copy and distribute the Program (or a work based on it,  
under Section 2) in object code or executable form under the terms of  
Sections 1 and 2 above provided that you also do one of the following:  
  
 a) Accompany it with the complete corresponding machine-readable  
 source code, which must be distributed under the terms of Sections 1  
 and 2 above on a medium customarily used for software interchange; or,  
  
 b) Accompany it with a written offer, valid for at least three  
 years, to give any third party, for a charge no more than your cost  
 of physically performing source distribution, a complete  
 machine-readable copy of the corresponding source code, to be  
 distributed under the terms of Sections 1 and 2 above on a medium  
 customarily used for software interchange; or,  
  
 c) Accompany it with the information you received as to the offer to  
 distribute corresponding source code. (This alternative is allowed  
 only for noncommercial distribution and only if you received the  
 program in object code or executable form with such an offer, in  
 accord with Subsection b above.)  
  
The source code for a work means the preferred form of the work for  
making modifications to it. For an executable work, complete source code  
means all the source code for all modules it contains, plus any  
associated interface definition files, plus the scripts used to control  
compilation and installation of the executable. However, as a special  
exception, the source code distributed need not include anything that is  
normally distributed (in either source or binary form) with the major  
components (compiler, kernel, and so on) of the operating system on  
which the executable runs, unless that component itself accompanies the  
executable.  
  
If distribution of executable or object code is made by offering access  
to copy from a designated place, then offering equivalent access to copy  
the source code from the same place counts as distribution of the source  
code, even though third parties are not compelled to copy the source  
along with the object code.  
  
4. You may not copy, modify, sublicense, or distribute the Program  
except as expressly provided under this License. Any attempt otherwise  
to copy, modify, sublicense or distribute the Program is void, and will  
automatically terminate your rights under this License. However, parties  
who have received copies, or rights, from you under this License will  
not have their licenses terminated so long as such parties remain in  
full compliance.  
  
5. You are not required to accept this License, since you have not  
signed it. However, nothing else grants you permission to modify or  
distribute the Program or its derivative works. These actions are  
prohibited by law if you do not accept this License. Therefore, by  
modifying or distributing the Program (or any work based on the  
Program), you indicate your acceptance of this License to do so, and all  
its terms and conditions for copying, distributing or modifying the  
Program or works based on it.  
  
6. Each time you redistribute the Program (or any work based on the  
Program), the recipient automatically receives a license from the  
original licensor to copy, distribute or modify the Program subject to  
these terms and conditions. You may not impose any further restrictions  
on the recipients' exercise of the rights granted herein. You are not  
responsible for enforcing compliance by third parties to this License.  
  
7. If, as a consequence of a court judgment or allegation of patent  
infringement or for any other reason (not limited to patent issues),  
conditions are imposed on you (whether by court order, agreement or  
otherwise) that contradict the conditions of this License, they do not  
excuse you from the conditions of this License. If you cannot distribute  
so as to satisfy simultaneously your obligations under this License and  
any other pertinent obligations, then as a consequence you may not  
distribute the Program at all. For example, if a patent license would  
not permit royalty-free redistribution of the Program by all those who  
receive copies directly or indirectly through you, then the only way you  
could satisfy both it and this License would be to refrain entirely from  
distribution of the Program.  
  
If any portion of this section is held invalid or unenforceable under  
any particular circumstance, the balance of the section is intended to  
apply and the section as a whole is intended to apply in other  
circumstances.  
  
It is not the purpose of this section to induce you to infringe any  
patents or other property right claims or to contest validity of any  
such claims; this section has the sole purpose of protecting the  
integrity of the free software distribution system, which is implemented  
by public license practices. Many people have made generous  
contributions to the wide range of software distributed through that  
system in reliance on consistent application of that system; it is up to  
the author/donor to decide if he or she is willing to distribute  
software through any other system and a licensee cannot impose that choice.  
  
This section is intended to make thoroughly clear what is believed to be  
a consequence of the rest of this License.  
  
8. If the distribution and/or use of the Program is restricted in  
certain countries either by patents or by copyrighted interfaces, the  
original copyright holder who places the Program under this License may  
add an explicit geographical distribution limitation excluding those  
countries, so that distribution is permitted only in or among countries  
not thus excluded. In such case, this License incorporates the  
limitation as if written in the body of this License.  
  
9. The Free Software Foundation may publish revised and/or new  
versions of the General Public License from time to time. Such new  
versions will be similar in spirit to the present version, but may  
differ in detail to address new problems or concerns.  
  
Each version is given a distinguishing version number. If the Program  
specifies a version number of this License which applies to it and "any  
later version", you have the option of following the terms and  
conditions either of that version or of any later version published by  
the Free Software Foundation. If the Program does not specify a version  
number of this License, you may choose any version ever published by the  
Free Software Foundation.  
  
10. If you wish to incorporate parts of the Program into other free  
programs whose distribution conditions are different, write to the  
author to ask for permission. For software which is copyrighted by the  
Free Software Foundation, write to the Free Software Foundation; we  
sometimes make exceptions for this. Our decision will be guided by the  
two goals of preserving the free status of all derivatives of our free  
software and of promoting the sharing and reuse of software generally.  
  
NO WARRANTY  
  
11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO  
WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW.  
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR  
OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND,  
EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED  
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE  
ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH  
YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL  
NECESSARY SERVICING, REPAIR OR CORRECTION.  
  
12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN  
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY  
AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR  
DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL  
DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM  
(INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED  
INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF  
THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR  
OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.  
  
END OF TERMS AND CONDITIONS  
  
How to Apply These Terms to Your New Programs  
  
If you develop a new program, and you want it to be of the greatest  
possible use to the public, the best way to achieve this is to make it  
free software which everyone can redistribute and change under these terms.  
  
To do so, attach the following notices to the program. It is safest to  
attach them to the start of each source file to most effectively convey  
the exclusion of warranty; and each file should have at least the  
"copyright" line and a pointer to where the full notice is found.  
  
 One line to give the program's name and a brief idea of what it does.  
 Copyright (C) <year> <name of author>  
  
 This program is free software; you can redistribute it and/or modify  
 it under the terms of the GNU General Public License as published by  
 the Free Software Foundation; either version 2 of the License, or  
 (at your option) any later version.  
  
 This program is distributed in the hope that it will be useful, but  
 WITHOUT ANY WARRANTY; without even the implied warranty of  
 MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU  
 General Public License for more details.  
  
 You should have received a copy of the GNU General Public License  
 along with this program; if not, write to the Free Software  
 Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1335 USA  
  
Also add information on how to contact you by electronic and paper mail.  
  
If the program is interactive, make it output a short notice like this  
when it starts in an interactive mode:  
  
 Gnomovision version 69, Copyright (C) year name of author  
 Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type  
 `show w'. This is free software, and you are welcome to redistribute  
 it under certain conditions; type `show c' for details.  
  
The hypothetical commands `show w' and `show c' should show the  
appropriate parts of the General Public License. Of course, the commands  
you use may be called something other than `show w' and `show c'; they  
could even be mouse-clicks or menu items--whatever suits your program.  
  
You should also get your employer (if you work as a programmer) or your  
school, if any, to sign a "copyright disclaimer" for the program, if  
necessary. Here is a sample; alter the names:  
  
 Yoyodyne, Inc., hereby disclaims all copyright interest in the  
 program `Gnomovision' (which makes passes at compilers) written by  
 James Hacker.  
  
 signature of Ty Coon, 1 April 1989  
 Ty Coon, President of Vice  
  
This General Public License does not permit incorporating your program  
into proprietary programs. If your program is a subroutine library, you  
may consider it more useful to permit linking proprietary applications  
with the library. If this is what you want to do, use the GNU Library  
General Public License instead of this License.  
  
  
Mozilla Public License Version 1.1  
  
1. Definitions.  
1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.  
1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.  
1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.  
1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.  
1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.  
1.5. "Executable" means Covered Code in any form other than Source Code.  
1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.  
1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.  
1.8. "License" means this document.  
1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.  
1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:  
Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.  
Any new file that contains any part of the Original Code or previous Modifications.  
1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.  
1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.  
1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.  
1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.  
2. Source Code License.  
2.1. The Initial Developer Grant. The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:  
a. under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and  
b. under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).  
c. the licenses granted in this Section 2.1 (a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.  
d. Notwithstanding Section 2.1 (b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.  
2.2. Contributor Grant. Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license  
a. under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and  
b. under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).  
c. the licenses granted in Sections 2.2 (a) and 2.2 (b) are effective on the date Contributor first makes Commercial Use of the Covered Code.  
d. Notwithstanding Section 2.2 (b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.  
3. Distribution Obligations.  
3.1. Application of License. The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.  
3.2. Availability of Source Code. Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.  
3.3. Description of Modifications. You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.  
3.4. Intellectual Property Matters  
(a) Third Party Claims  
If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.  
(b) Contributor APIs  
If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.  
(c) Representations.  
Contributor represents that, except as disclosed pursuant to Section 3.4 (a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.  
3.5. Required Notices. You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.  
3.6. Distribution of Executable Versions. You may distribute Covered Code in Executable form only if the requirements of Sections 3.1, 3.2, 3.3, 3.4 and 3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.  
3.7. Larger Works. You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the requirements of this License are fulfilled for the Covered Code.  
4. Inability to Comply Due to Statute or Regulation.  
If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.  
  
5. Application of this License.  
This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.  
6. Versions of the License.  
6.1. New Versions  
Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.  
6.2. Effect of New Versions  
Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.  
6.3. Derivative Works  
If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLAPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)  
7. DISCLAIMER OF WARRANTY  
COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.  
8. Termination  
8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.  
8.2. If You initiate litigation by asserting a patent infringement claim (excluding declatory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:  
a. such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.  
b. any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used, sold, distributed, or had made, Modifications made by that Participant.  
8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.  
8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.  
9. LIMITATION OF LIABILITY  
UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.  
10. U.S. government end users  
The Covered Code is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" and "commercial computer software documentation," as such terms are used in 48 C.F.R. 12.212 (Sept. 1995). Consistent with 48 C.F.R. 12.212 and 48 C.F.R. 227.7202-1 through 227.7202-4 (June 1995), all U.S. Government End Users acquire Covered Code with only those rights set forth herein.  
11. Miscellaneous  
This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. This License shall be governed by California law provisions (except to the extent applicable law, if any, provides otherwise), excluding its conflict-of-law provisions. With respect to disputes in which at least one party is a citizen of, or an entity chartered or registered to do business in the United States of America, any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California, with venue lying in Santa Clara County, California, with the losing party responsible for costs, including without limitation, court costs and reasonable attorneys' fees and expenses. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not apply to this License.  
12. Responsibility for claims  
As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.  
13. Multiple-licensed code  
Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the MPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.  
Exhibit A - Mozilla Public License.  
  
"The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/  
  
Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.  
  
The Original Code is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  
  
The Initial Developer of the Original Code is \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  
Portions created by \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ are Copyright (C) \_\_\_\_\_\_. All Rights Reserved.  
  
Contributor(s): \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.  
  
Alternatively, the contents of this file may be used under the terms of the \_\_\_\_\_ license (the " [\_\_\_] License"), in which case the provisions of [\_\_\_\_\_\_] License are applicable instead of those above. If you wish to allow use of your version of this file only under the terms of the [\_\_\_\_] License and not to allow others to use your version of this file under the MPL, indicate your decision by deleting the provisions above and replace them with the notice and other provisions required by the [\_\_\_] License. If you do not delete the provisions above, a recipient may use your version of this file under either the MPL or the [\_\_\_] License."  
  
NOTE: The text of this Exhibit A may differ slightly from the text of the notices in the Source Code files of the Original Code. You should use the text of this Exhibit A rather than the text found in the Original Code Source Code for Your Modifications.

**Written Offer**

This product contains software whose rights holders license it on the terms of the GNU General Public License, version 2 (GPLv2) and/or other open source software licenses. We will provide you and any third party with the source code of the software licensed under an open source software license if you send us a written request by mail or email to the following addresses:

foss@huawei.com

detailing the name of the product and the firmware version for which you need the source code and indicating how we can contact you.

Please note you need to make a payment before you obtain the complete Corresponding Source Code from us. For how much you will pay and how we will deliver the complete Corresponding Source Code to you, we will further discuss it by mail or email.

This offer is valid to anyone in receipt of this information.

**This offer is valid for three years from the moment we distributed the product or firmware .**