**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: eclipse-ecf 3.14.19

**Copyright notice:**

Copyright (c) 2009 Composent, Inc. and others.  
Copyright (c) 2005-2008, Jan S. Rellermeyer. All rights reserved.   
Copyright (C) 2016, 2020 Red Hat, Inc and others.  
Copyright (c) 2007 Composent Inc., IBM Corp, and others.  
Copyright (c) 2006-2008, Jan S. Rellermeyer Information and Communication Research Group (IKS), Institute for Pervasive Computing, ETH Zurich.  
Copyright (c) 2010 Composent Inc., IBM Corp. and others.  
Copyright (c) 2011 Composent Inc., IBM Corp. and others.  
Copyright (c) 2000-2008 INRIA, France Telecom All rights reserved.

**License:** EPL-1.0 and ASL 2.0

Eclipse Public License - v 1.0  
  
THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS ECLIPSE PUBLIC LICENSE ("AGREEMENT"). ANY USE, REPRODUCTION OR DISTRIBUTION OF THE PROGRAM CONSTITUTES RECIPIENT'S ACCEPTANCE OF THIS AGREEMENT.  
  
1. DEFINITIONS  
"Contribution" means:  
a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and  
b) in the case of each subsequent Contributor:  
i) changes to the Program, and  
ii) additions to the Program;  
where such changes and/or additions to the Program originate from and are distributed by that particular Contributor. A Contribution 'originates' from a Contributor if it was added to the Program by such Contributor itself or anyone acting on such Contributor's behalf. Contributions do not include additions to the Program which: (i) are separate modules of software distributed in conjunction with the Program under their own license agreement, and (ii) are not derivative works of the Program.  
  
"Contributor" means any person or entity that distributes the Program.  
  
"Licensed Patents" mean patent claims licensable by a Contributor which are necessarily infringed by the use or sale of its Contribution alone or when combined with the Program.  
  
"Program" means the Contributions distributed in accordance with this Agreement.  
  
"Recipient" means anyone who receives the Program under this Agreement, including all Contributors.  
  
2. GRANT OF RIGHTS  
a) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free copyright license to reproduce, prepare derivative works of, publicly display, publicly perform, distribute and sublicense the Contribution of such Contributor, if any, and such derivative works, in source code and object code form.  
b) Subject to the terms of this Agreement, each Contributor hereby grants Recipient a non-exclusive, worldwide, royalty-free patent license under Licensed Patents to make, use, sell, offer to sell, import and otherwise transfer the Contribution of such Contributor, if any, in source code and object code form. This patent license shall apply to the combination of the Contribution and the Program if, at the time the Contribution is added by the Contributor, such addition of the Contribution causes such combination to be covered by the Licensed Patents. The patent license shall not apply to any other combinations which include the Contribution. No hardware per se is licensed hereunder.  
c) Recipient understands that although each Contributor grants the licenses to its Contributions set forth herein, no assurances are provided by any Contributor that the Program does not infringe the patent or other intellectual property rights of any other entity. Each Contributor disclaims any liability to Recipient for claims brought by any other entity based on infringement of intellectual property rights or otherwise. As a condition to exercising the rights and licenses granted hereunder, each Recipient hereby assumes sole responsibility to secure any other intellectual property rights needed, if any. For example, if a third party patent license is required to allow Recipient to distribute the Program, it is Recipient's responsibility to acquire that license before distributing the Program.  
d) Each Contributor represents that to its knowledge it has sufficient copyright rights in its Contribution, if any, to grant the copyright license set forth in this Agreement.  
3. REQUIREMENTS  
A Contributor may choose to distribute the Program in object code form under its own license agreement, provided that:  
a) it complies with the terms and conditions of this Agreement; and  
b) its license agreement:  
i) effectively disclaims on behalf of all Contributors all warranties and conditions, express and implied, including warranties or conditions of title and non-infringement, and implied warranties or conditions of merchantability and fitness for a particular purpose;  
ii) effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;  
iii) states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and  
iv) states that source code for the Program is available from such Contributor, and informs licensees how to obtain it in a reasonable manner on or through a medium customarily used for software exchange.  
When the Program is made available in source code form:  
  
a) it must be made available under this Agreement; and  
b) a copy of this Agreement must be included with each copy of the Program.  
Contributors may not remove or alter any copyright notices contained within the Program.  
Each Contributor must identify itself as the originator of its Contribution, if any, in a manner that reasonably allows subsequent Recipients to identify the originator of the Contribution.  
  
4. COMMERCIAL DISTRIBUTION  
Commercial distributors of software may accept certain responsibilities with respect to end users, business partners and the like. While this license is intended to facilitate the commercial use of the Program, the Contributor who includes the Program in a commercial product offering should do so in a manner which does not create potential liability for other Contributors. Therefore, if a Contributor includes the Program in a commercial product offering, such Contributor ("Commercial Contributor") hereby agrees to defend and indemnify every other Contributor ("Indemnified Contributor") against any losses, damages and costs (collectively "Losses") arising from claims, lawsuits and other legal actions brought by a third party against the Indemnified Contributor to the extent caused by the acts or omissions of such Commercial Contributor in connection with its distribution of the Program in a commercial product offering. The obligations in this section do not apply to any claims or Losses relating to any actual or alleged intellectual property infringement. In order to qualify, an Indemnified Contributor must: a) promptly notify the Commercial Contributor in writing of such claim, and b) allow the Commercial Contributor to control, and cooperate with the Commercial Contributor in, the defense and any related settlement negotiations. The Indemnified Contributor may participate in any such claim at its own expense.  
For example, a Contributor might include the Program in a commercial product offering, Product X. That Contributor is then a Commercial Contributor. If that Commercial Contributor then makes performance claims, or offers warranties related to Product X, those performance claims and warranties are such Commercial Contributor's responsibility alone. Under this section, the Commercial Contributor would have to defend claims against the other Contributors related to those performance claims and warranties, and if a court requires any other Contributor to pay any damages as a result, the Commercial Contributor must pay those damages.  
  
5. NO WARRANTY  
EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, THE PROGRAM IS PROVIDED 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. Each Recipient is solely responsible for determining the appropriateness of using and distributing the Program and assumes all risks associated with its exercise of rights under this Agreement, including but not limited to the risks and costs of program errors, compliance with applicable laws, damage to or loss of data, programs or equipment, and unavailability or interruption of operations.  
6. DISCLAIMER OF LIABILITY  
EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT NOR ANY CONTRIBUTORS SHALL HAVE ANY LIABILITY FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING WITHOUT LIMITATION LOST PROFITS), HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OR DISTRIBUTION OF THE PROGRAM OR THE EXERCISE OF ANY RIGHTS GRANTED HEREUNDER, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.  
7. GENERAL  
If any provision of this Agreement is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this Agreement, and without further action by the parties hereto, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.  
  
If Recipient institutes patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Program itself (excluding combinations of the Program with other software or hardware) infringes such Recipient's patent(s), then such Recipient's rights granted under Section 2(b) shall terminate as of the date such litigation is filed.  
  
All Recipient's rights under this Agreement shall terminate if it fails to comply with any of the material terms or conditions of this Agreement and does not cure such failure in a reasonable period of time after becoming aware of such noncompliance. If all Recipient's rights under this Agreement terminate, Recipient agrees to cease use and distribution of the Program as soon as reasonably practicable. However, Recipient's obligations under this Agreement and any licenses granted by Recipient relating to the Program shall continue and survive.  
  
Everyone is permitted to copy and distribute copies of this Agreement, but in order to avoid inconsistency the Agreement is copyrighted and may only be modified in the following manner. The Agreement Steward reserves the right to publish new versions (including revisions) of this Agreement from time to time. No one other than the Agreement Steward has the right to modify this Agreement. The Eclipse Foundation is the initial Agreement Steward. The Eclipse Foundation may assign the responsibility to serve as the Agreement Steward to a suitable separate entity. Each new version of the Agreement will be given a distinguishing version number. The Program (including Contributions) may always be distributed subject to the version of the Agreement under which it was received. In addition, after a new version of the Agreement is published, Contributor may elect to distribute the Program (including its Contributions) under the new version. Except as expressly stated in Sections 2(a) and 2(b) above, Recipient receives no rights or licenses to the intellectual property of any Contributor under this Agreement, whether expressly, by implication, estoppel or otherwise. All rights in the Program not expressly granted under this Agreement are reserved.  
  
This Agreement is governed by the laws of the State of New York and the intellectual property laws of the United States of America. No party to this Agreement will bring a legal action under this Agreement more than one year after the cause of action arose. Each party waives its rights to a jury trial in any resulting litigation.  
  
  
 Apache License  
 Version 2.0, January 2004  
 http://www.apache.org/licenses/  
  
 TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION  
  
 1. Definitions.  
  
 "License" shall mean the terms and conditions for use, reproduction,  
 and distribution as defined by Sections 1 through 9 of this document.  
  
 "Licensor" shall mean the copyright owner or entity authorized by  
 the copyright owner that is granting the License.  
  
 "Legal Entity" shall mean the union of the acting entity and all  
 other entities that control, are controlled by, or are under common  
 control with that entity. For the purposes of this definition,  
 "control" means (i) the power, direct or indirect, to cause the  
 direction or management of such entity, whether by contract or  
 otherwise, or (ii) ownership of fifty percent (50%) or more of the  
 outstanding shares, or (iii) beneficial ownership of such entity.  
  
 "You" (or "Your") shall mean an individual or Legal Entity  
 exercising permissions granted by this License.  
  
 "Source" form shall mean the preferred form for making modifications,  
 including but not limited to software source code, documentation  
 source, and configuration files.  
  
 "Object" form shall mean any form resulting from mechanical  
 transformation or translation of a Source form, including but  
 not limited to compiled object code, generated documentation,  
 and conversions to other media types.  
  
 "Work" shall mean the work of authorship, whether in Source or  
 Object form, made available under the License, as indicated by a  
 copyright notice that is included in or attached to the work  
 (an example is provided in the Appendix below).  
  
 "Derivative Works" shall mean any work, whether in Source or Object  
 form, that is based on (or derived from) the Work and for which the  
 editorial revisions, annotations, elaborations, or other modifications  
 represent, as a whole, an original work of authorship. For the purposes  
 of this License, Derivative Works shall not include works that remain  
 separable from, or merely link (or bind by name) to the interfaces of,  
 the Work and Derivative Works thereof.  
  
 "Contribution" shall mean any work of authorship, including  
 the original version of the Work and any modifications or additions  
 to that Work or Derivative Works thereof, that is intentionally  
 submitted to Licensor for inclusion in the Work by the copyright owner  
 or by an individual or Legal Entity authorized to submit on behalf of  
 the copyright owner. For the purposes of this definition, "submitted"  
 means any form of electronic, verbal, or written communication sent  
 to the Licensor or its representatives, including but not limited to  
 communication on electronic mailing lists, source code control systems,  
 and issue tracking systems that are managed by, or on behalf of, the  
 Licensor for the purpose of discussing and improving the Work, but  
 excluding communication that is conspicuously marked or otherwise  
 designated in writing by the copyright owner as "Not a Contribution."  
  
 "Contributor" shall mean Licensor and any individual or Legal Entity  
 on behalf of whom a Contribution has been received by Licensor and  
 subsequently incorporated within the Work.  
  
 2. Grant of Copyright License. Subject to the terms and conditions of  
 this License, each Contributor hereby grants to You a perpetual,  
 worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
 copyright license to reproduce, prepare Derivative Works of,  
 publicly display, publicly perform, sublicense, and distribute the  
 Work and such Derivative Works in Source or Object form.  
  
 3. Grant of Patent License. Subject to the terms and conditions of  
 this License, each Contributor hereby grants to You a perpetual,  
 worldwide, non-exclusive, no-charge, royalty-free, irrevocable  
 (except as stated in this section) patent license to make, have made,  
 use, offer to sell, sell, import, and otherwise transfer the Work,  
 where such license applies only to those patent claims licensable  
 by such Contributor that are necessarily infringed by their  
 Contribution(s) alone or by combination of their Contribution(s)  
 with the Work to which such Contribution(s) was submitted. If You  
 institute patent litigation against any entity (including a  
 cross-claim or counterclaim in a lawsuit) alleging that the Work  
 or a Contribution incorporated within the Work constitutes direct  
 or contributory patent infringement, then any patent licenses  
 granted to You under this License for that Work shall terminate  
 as of the date such litigation is filed.  
  
 4. Redistribution. You may reproduce and distribute copies of the  
 Work or Derivative Works thereof in any medium, with or without  
 modifications, and in Source or Object form, provided that You  
 meet the following conditions:  
  
 (a) You must give any other recipients of the Work or  
 Derivative Works a copy of this License; and  
  
 (b) You must cause any modified files to carry prominent notices  
 stating that You changed the files; and  
  
 (c) You must retain, in the Source form of any Derivative Works  
 that You distribute, all copyright, patent, trademark, and  
 attribution notices from the Source form of the Work,  
 excluding those notices that do not pertain to any part of  
 the Derivative Works; and  
  
 (d) If the Work includes a "NOTICE" text file as part of its  
 distribution, then any Derivative Works that You distribute must  
 include a readable copy of the attribution notices contained  
 within such NOTICE file, excluding those notices that do not  
 pertain to any part of the Derivative Works, in at least one  
 of the following places: within a NOTICE text file distributed  
 as part of the Derivative Works; within the Source form or  
 documentation, if provided along with the Derivative Works; or,  
 within a display generated by the Derivative Works, if and  
 wherever such third-party notices normally appear. The contents  
 of the NOTICE file are for informational purposes only and  
 do not modify the License. You may add Your own attribution  
 notices within Derivative Works that You distribute, alongside  
 or as an addendum to the NOTICE text from the Work, provided  
 that such additional attribution notices cannot be construed  
 as modifying the License.  
  
 You may add Your own copyright statement to Your modifications and  
 may provide additional or different license terms and conditions  
 for use, reproduction, or distribution of Your modifications, or  
 for any such Derivative Works as a whole, provided Your use,  
 reproduction, and distribution of the Work otherwise complies with  
 the conditions stated in this License.  
  
 5. Submission of Contributions. Unless You explicitly state otherwise,  
 any Contribution intentionally submitted for inclusion in the Work  
 by You to the Licensor shall be under the terms and conditions of  
 this License, without any additional terms or conditions.  
 Notwithstanding the above, nothing herein shall supersede or modify  
 the terms of any separate license agreement you may have executed  
 with Licensor regarding such Contributions.  
  
 6. Trademarks. This License does not grant permission to use the trade  
 names, trademarks, service marks, or product names of the Licensor,  
 except as required for reasonable and customary use in describing the  
 origin of the Work and reproducing the content of the NOTICE file.  
  
 7. Disclaimer of Warranty. Unless required by applicable law or  
 agreed to in writing, Licensor provides the Work (and each  
 Contributor provides its Contributions) on an "AS IS" BASIS,  
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or  
 implied, including, without limitation, any warranties or conditions  
 of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A  
 PARTICULAR PURPOSE. You are solely responsible for determining the  
 appropriateness of using or redistributing the Work and assume any  
 risks associated with Your exercise of permissions under this License.  
  
 8. Limitation of Liability. In no event and under no legal theory,  
 whether in tort (including negligence), contract, or otherwise,  
 unless required by applicable law (such as deliberate and grossly  
 negligent acts) or agreed to in writing, shall any Contributor be  
 liable to You for damages, including any direct, indirect, special,  
 incidental, or consequential damages of any character arising as a  
 result of this License or out of the use or inability to use the  
 Work (including but not limited to damages for loss of goodwill,  
 work stoppage, computer failure or malfunction, or any and all  
 other commercial damages or losses), even if such Contributor  
 has been advised of the possibility of such damages.  
  
 9. Accepting Warranty or Additional Liability. While redistributing  
 the Work or Derivative Works thereof, You may choose to offer,  
 and charge a fee for, acceptance of support, warranty, indemnity,  
 or other liability obligations and/or rights consistent with this  
 License. However, in accepting such obligations, You may act only  
 on Your own behalf and on Your sole responsibility, not on behalf  
 of any other Contributor, and only if You agree to indemnify,  
 defend, and hold each Contributor harmless for any liability  
 incurred by, or claims asserted against, such Contributor by reason  
 of your accepting any such warranty or additional liability.  
  
 END OF TERMS AND CONDITIONS  
  
 APPENDIX: How to apply the Apache License to your work.  
  
 To apply the Apache License to your work, attach the following  
 boilerplate notice, with the fields enclosed by brackets "[]"  
 replaced with your own identifying information. (Don't include  
 the brackets!) The text should be enclosed in the appropriate  
 comment syntax for the file format. We also recommend that a  
 file or class name and description of purpose be included on the  
 same "printed page" as the copyright notice for easier  
 identification within third-party archives.  
  
 Copyright [yyyy] [name of copyright owner]  
  
 Licensed under the Apache License, Version 2.0 (the "License");  
 you may not use this file except in compliance with the License.  
 You may obtain a copy of the License at  
  
 http://www.apache.org/licenses/LICENSE-2.0  
  
 Unless required by applicable law or agreed to in writing, software  
 distributed under the License is distributed on an "AS IS" BASIS,  
 WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.  
 See the License for the specific language governing permissions and  
 limitations under the License.