Open Source Used In OneID 1.0.1

Cisco Systems, Inc.
www.cisco.com

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

Text Part Number: 78EE117C99-162670170
This document contains licenses and notices for open source software used in this product. With respect to the free/open source software listed in this document, if you have any questions or wish to receive a copy of any source code to which you may be entitled under the applicable free/open source license(s) (such as the GNU Lesser/General Public License), please contact us at external-opensource-requests@cisco.com.

In your requests please include the following reference number 78EE117C99-162670170

Contents

1.1 cassandra 3.11.3
   1.1.1 Available under license
1.2 centos-release 7 :3.1611.el7.centos
   1.2.1 Available under license
1.3 consul 0.8.1
   1.3.1 Available under license
1.4 elasticsearch 5.6.5
1.5 graylog 2.4.6
   1.5.1 Available under license
1.6 influxdb 1.2.4
   1.6.1 Available under license
1.7 keycloak 3.4.3
   1.7.1 Available under license
1.8 kong 0.11.0
1.9 QR Code Generator 1.0
   1.9.1 Available under license

1.1 cassandra 3.11.3
1.1.1 Available under license:

Copyright (c) 2000-2011 INRIA, France Telecom
All rights reserved.

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

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

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

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

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

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 2011 Clearspring Technologies

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.
Open Source Used In OneID 1.0.1

Copyright (C) 2011-2012, Yann Collet.
BSD 2-Clause License (http://www.opensource.org/licenses/bsd-license.php)

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

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

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

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

You can contact the author at :
- LZ4 homepage : http://fastcompression.blogspot.com/p/lz4.html
- LZ4 source repository : http://code.google.com/p/lz4/
Copyright (c) 2010-2014 Benjamin Peterson

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

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

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Copyright (c) 2004-2008 QOS.ch
All rights reserved.

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

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

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

jBCrypt is subject to the following license:

/*
 * Copyright (c) 2006 Damien Miller <djm@mindrot.org>
 *
 * Permission to use, copy, modify, and distribute this software for any
 * purpose with or without fee is hereby granted, provided that the above
 * copyright notice and this permission notice appear in all copies.
 *
 * THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
 * WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
 * MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
 * ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
 * WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
 * ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
 * OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
 */

The code in this repository code was Written by Gil Tene, Michael Barker, and Matt Warren, and released to the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License). This
license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

** Beginning of "BSD 2-Clause License" text. **

Copyright (c) 2012, 2013, 2014 Gil Tene
Copyright (c) 2014 Michael Barker
Copyright (c) 2014 Matt Warren
All rights reserved.

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

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

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

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

/*
 * Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you 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
package org.apache.cassandra.auth;

import java.util.EnumSet;
import java.util.Set;
import com.google.common.collect.ImmutableSet;
import com.google.common.collect.Sets;

/**
 * An enum encapsulating the set of possible permissions that an authenticated user can have on a resource.
 * IAuthorizer implementations may encode permissions using ordinals, so the Enum order must never change order.
 * Adding new values is ok.
 */
public enum Permission {
    @Deprecated
    READ,
    @Deprecated
    WRITE,
    CREATE,
    ALTER,
    DROP,
    SELECT, // required for SELECT on a table
    MODIFY, // required for INSERT, UPDATE, DELETE, TRUNCATE on a DataResource.
    AUTHORIZE, // required for GRANT and REVOKE of permissions or roles.
    DESCRIBE, // required on the root-level RoleResource to list all Roles.

    // schema and role management
    // CREATE, ALTER and DROP permissions granted on an appropriate DataResource are required for
    // CREATE KEYS sociale and CREATE TABLE.
    // ALTER KEYS sociale, ALTER TABLE, CREATE INDEX and DROP INDEX require ALTER permission on the
    // relevant DataResource.
    // DROP KEYS sociale and DROP TABLE require DROP permission.
    // In the context of Role management, these permissions may also be granted on a RoleResource.
    // CREATE is only granted on the root-level role resource, and is required to create new roles.
    // ALTER & DROP may be granted on either the root-level role resource, giving permissions on
    // all roles, or on specific role-level resources.
    CREATE,
    ALTER,
    DROP,

    // data access
    SELECT, // required for SELECT on a table
    MODIFY, // required for INSERT, UPDATE, DELETE, TRUNCATE on a DataResource.

    // permission management
    AUTHORIZE, // required for GRANT and REVOKE of permissions or roles.

    DESCRIBE, // required on the root-level RoleResource to list all Roles.
// UDF permissions
EXECUTE; // required to invoke any user defined function or aggregate

public static final Set<Permission> ALL =
    Sets.immutableEnumSet(EnumSet.range(Permission.CREATE, Permission.EXECUTE));
public static final Set<Permission> NONE = ImmutableSet.of();

<component name="CopyrightManager">
    <settings default="Apache License 2.0" />
</component>
<component name="CopyrightManager">
    <copyright>
        <option name="myName" value="Apache License 2.0" />
        <option name="notice" value="Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership. The ASF licenses this file to you under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0; unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License." />
    </copyright>
</component>

Apache Commons Math
Copyright 2001-2013 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

===============================================================================
The inverse error function implementation in the Erf class is based on CUDA code developed by Mike Giles, Oxford-Man Institute of Quantitative Finance, and published in GPU Computing Gems, volume 2, 2010.
===============================================================================
The BracketFinder (package org.apache.commons.math3.optimization.univariate) and PowellOptimizer (package org.apache.commons.math3.optimization.general) classes are based on the Python code in module "optimize.py" (version 0.5) developed by Travis E. Oliphant for the SciPy library (http://www.scipy.org/) Copyright 2003-2009 SciPy Developers.
===============================================================================
The LinearConstraint, LinearObjectiveFunction, LinearOptimizer, RelationShip, SimplexSolver and SimplexTableau classes in package org.apache.commons.math3.optimization.linear include software developed by Benjamin McCann (http://www.benmccann.com) and distributed with
the following copyright: Copyright 2009 Google Inc.

This product includes software developed by the
University of Chicago, as Operator of Argonne National
Laboratory.
The LevenbergMarquardtOptimizer class in package
org.apache.commons.math3.optimization.general includes software
translated from the lmder, lmpar and qrsolv Fortran routines
from the Minpack package
Minpack Copyright Notice (1999) University of Chicago. All rights reserved

The GraggBulirschStoerIntegrator class in package
org.apache.commons.math3.ode.nonstiff includes software translated
from the odex Fortran routine developed by E. Hairer and G. Wanner.
Original source copyright:
Copyright (c) 2004, Ernst Hairer

The EigenDecompositionImpl class in package
org.apache.commons.math3.linear includes software translated
from some LAPACK Fortran routines. Original source copyright:
Copyright (c) 1992-2008 The University of Tennessee. All rights reserved.

The MersenneTwister class in package org.apache.commons.math3.random
includes software translated from the 2002-01-26 version of
the Mersenne-Twister generator written in C by Makoto Matsumoto and Takuji
Nishimura. Original source copyright:
Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,
All rights reserved

The LocalizedFormatsTest class in the unit tests is an adapted version of
the OrekitMessagesTest class from the orekit library distributed under the
terms of the Apache 2 licence. Original source copyright:
Copyright 2010 CS Systmes d'Information

The HermiteInterpolator class and its corresponding test have been imported from
the orekit library distributed under the terms of the Apache 2 licence. Original
source copyright:
Copyright 2010-2012 CS Systmes d'Information

The creation of the package "o.a.c.m.analysis.integration.gauss" was inspired
by an original code donated by SBastien Brisard.
The complete text of licenses and disclaimers associated with the original sources enumerated above at the time of code translation are in the LICENSE.txt file.

This copy of Jackson JSON processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivative works.

You may obtain a copy of the License at:

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

A copy is also included with both the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF/"

This product currently only contains code developed by authors of specific components, as identified by the source code files; if such notes are missing files have been created by Tatu Saloranta.

For additional credits (generally to people who reported problems) see CREDITS file.

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

APACHE COMMONS MATH DERIVATIVE WORKS:

The Apache commons-math library includes a number of subcomponents whose implementation is derived from original sources written in C or Fortran. License terms of the original sources are reproduced below.

===============================================================================
For the lmder, lmpar and qrsolv Fortran routine from minpack and translated in the LevenbergMarquardtOptimizer class in package
Minpack Copyright Notice (1999) University of Chicago. All rights reserved

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

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

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

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by the University of Chicago, as Operator of Argonne National Laboratory.

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party acknowledgments normally appear.

4. WARRANTY DISCLAIMER. THE SOFTWARE IS SUPPLIED "AS IS" WITHOUT WARRANTY OF ANY KIND. THE COPYRIGHT HOLDER, THE UNITED STATES, THE UNITED STATES DEPARTMENT OF ENERGY, AND THEIR EMPLOYEES: (1) DISCLAIM ANY WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE OR NON-INFRINGEMENT, (2) DO NOT ASSUME ANY LEGAL LIABILITY OR RESPONSIBILITY FOR THE ACCURACY, COMPLETENESS, OR USEFULNESS OF THE SOFTWARE, (3) DO NOT REPRESENT THAT USE OF THE SOFTWARE WOULD NOT INFRINGE PRIVATELY OWNED RIGHTS, (4) DO NOT WARRANT THAT THE SOFTWARE WILL FUNCTION UNINTERRUPTED, THAT IT IS ERROR-FREE OR THAT ANY ERRORS WILL BE CORRECTED.

5. LIMITATION OF LIABILITY. IN NO EVENT WILL THE COPYRIGHT HOLDER, THE UNITED STATES, THE UNITED STATES DEPARTMENT OF ENERGY, OR THEIR EMPLOYEES: BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES OF
ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR LOSS OF DATA, FOR ANY REASON WHATSOEVER, WHETHER SUCH LIABILITY IS ASSERTED ON THE BASIS OF CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE, EVEN IF ANY OF SAID PARTIES HAS BEEN WARNED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES.

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

Copyright and license statement for the odex Fortran routine developed by E. Hairer and G. Wanner and translated in GraggBulirschStoerIntegrator class in package org.apache.commons.math3.ode.nonstiff:

Copyright (c) 2004, Ernst Hairer

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

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

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

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

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

Copyright and license statement for the original lapack fortran routines translated in EigenDecompositionImpl class in package org.apache.commons.math3.linear:

Copyright (c) 1992-2008 The University of Tennessee. All rights reserved.

$COPYRIGHT$

Additional copyrights may follow
SHEAVERS

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

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

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

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

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

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

Copyright and license statement for the original Mersenne twister C routines translated in MersenneTwister class in package org.apache.commons.math3.random:

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura,
All rights reserved.

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

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

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the
3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

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

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

The class "org.apache.commons.math3.exception.util.LocalizedFormatsTest" is an adapted version of "OrekitMessagesTest" test class for the Orekit library
The "org.apache.commons.math3.analysis.interpolation.HermiteInterpolator" has been imported from the Orekit space flight dynamics library.

Th Orekit library is described at:
https://www.orekit.org/forge/projects/orekit
The original files are distributed under the terms of the Apache 2 license
which is: Copyright 2010 CS Communication & Systmes

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

Copyright 2013-2015 Docker, Inc.

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

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

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.

/*
 * Licensed to the Apache Software Foundation (ASF) under one or more
 * contributor license agreements. See the NOTICE file distributed with
 * this work for additional information regarding copyright ownership.
 * The ASF licenses this file to You under the Apache License, Version 2.0
 * (the "License"); you may not use this file except in compliance with
 * the License. You may obtain a copy of the License at
 * http://www.apache.org/licenses/LICENSE-2.0
 *
 * Unless required by applicable law or agreed to in writing, software
 * distributed under the License is distributed on an "AS IS" BASIS,
 * WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 * See the License for the specific language governing permissions and
 * limitations under the License.
 */

Apache Cassandra
Copyright 2009-2014 The Apache Software Foundation

This product includes software developed by The Apache Software
Some alternate data structures provided by high-scale-lib from http://sourceforge.net/projects/high-scale-lib/. Written by Cliff Click and released as Public Domain.

Some alternate data structures provided by concurrentlinkedhashmap from http://code.google.com/p/concurrentlinkedhashmap/. Copyright 2009 Benjamin Manes

Alternative collection types provided by google-collections from http://code.google.com/p/google-collections/. Copyright (C) 2007 Google Inc.

JSON (de)serialization provided by jackson (http://jackson.codehaus.org). Copyright (C) 2010 Tatu Saloranta and others.

Alternative JSON (de)serialization by json-simple from (http://code.google.com/p/json-simple). Copyright (C) 2009 Fang Yidong and Chris Nokleberg

This product includes the Jetty HTTP server (http://jetty.codehaus.org/jetty/). Copyright 1995-2006 Mort Bay Consulting Pty Ltd

YAML support provided by snakeyaml (http://code.google.com/p/snakeyaml/). Copyright (c) 2008-2010 Andrey Somov

Compression support provided by snappy-java (http://code.google.com/p/snappy-java/) Written by Taro L. Saito.

Streaming compression support provided by ning-compress (https://github.com/ning/compress) Copyright 2009-2010 Ning, Inc.

CQL Native transport uses Netty (https://netty.io/) Copyright (C) 2011 The Netty Project

LZ4 compression support provided by lz4-java (http://github.com/jpountz/lz4-java) Written by Adrien Grand. Contains bindings to the C LZ4 implementation (http://code.google.com/p/lz4/) Copyright (C) 2011-2012, Yann Collet.

Alternative Disruptor backed thrift server from https://github.com/xedin/disruptor_thrift_server Written by Pavel Yaskevich.

LMAX Disruptor
Airline
(https://github.com/airlift/airline)
Copyright 2011, Dain Sundstrom dain@iq80.com
Copyright 2010, Cedric Beust cedric@beust.com

HLL++ support provided by stream-lib
(https://github.com/addthis/stream-lib)

Eclipse JDT
Java compilation software for user-defined-functions is provided by Eclipse,
which is open source software. The original software and
related information is available at http://www.eclipse.org/
(http://www.eclipse.org/jdt/)

SIGAR
http://sigar.hyperic.com/

OHC
(https://github.com/snazy/ohc)
Java Off-Heap-Cache, licensed under APLv2
Copyright 2014-2015 Robert Stupp, Germany.

Protocol buffers for varint encoding
https://developers.google.com/protocol-buffers/
Copyright 2008 Google Inc. All rights reserved.
BSD 3-clause

ASM
(http://asm.ow2.org/)
Copyright (c) 2000-2011 INRIA, France Telecom

HdrHistogram
http://hdrhistogram.org

JCTools
http://jctools.github.io/JCTools/
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.
This package was debianized by Eric Evans <eevans@apache.org> on
Sun, 26 Jul 2009 15:12:10 +0000

Upstream Author: Cassandra Developers <cassandra-dev@incubator.apache.org>

Copyright (c) 2009, The Apache Software Foundation.

This software is licensed under the Apache License 2.0. On Debian
GNU/Linux systems you can find the complete text of the Apache-2.0
license in `/usr/share/common-licenses/Apache-2.0'.
Copyright (c) 2001, Dr Martin Porter,
Copyright (c) 2002, Richard Boulton.
All rights reserved.

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

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

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

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

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

(SOURCE:http://snowball.tartarus.org/license.html)

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.
Apache 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
Apache Commons Math
Copyright 2001-2013 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

===============================================================================
The inverse error function implementation in the Erf class is based on CUDA code developed by Mike Giles, Oxford-Man Institute of Quantitative Finance, and published in GPU Computing Gems, volume 2, 2010.
===============================================================================

The BracketFinder (package org.apache.commons.math3.optimization.univariate) and PowellOptimizer (package org.apache.commons.math3.optimization.general)
classes are based on the Python code in module "optimize.py" (version 0.5) developed by Travis E. Oliphant for the SciPy library (http://www.scipy.org/) Copyright 2003-2009 SciPy Developers.

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

The LinearConstraint, LinearObjectiveFunction, LinearOptimizer, RelationShip, SimplexSolver and SimplexTableau classes in package org.apache.commons.math3.optimization.linear include software developed by Benjamin McCann (http://www.benmccann.com) and distributed with the following copyright: Copyright 2009 Google Inc.

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

This product includes software developed by the University of Chicago, as Operator of Argonne National Laboratory.

The LevenbergMarquardtOptimizer class in package org.apache.commons.math3.optimization.general includes software translated from the lmer, lmpar and qrsolv Fortran routines from the Minpack package

Minpack Copyright Notice (1999) University of Chicago. All rights reserved

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

The GraggBulirschStoerIntegrator class in package org.apache.commons.math3.ode.nonstiff includes software translated from the odex Fortran routine developed by E. Hairer and G. Wanner.

Original source copyright:
Copyright (c) 2004, Ernst Hairer

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

The EigenDecompositionImpl class in package org.apache.commons.math3.linear includes software translated from some LAPACK Fortran routines. Original source copyright:
Copyright (c) 1992-2008 The University of Tennessee. All rights reserved.

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

The MersenneTwister class in package org.apache.commons.math3.random includes software translated from the 2002-01-26 version of the Mersenne-Twister generator written in C by Makoto Matsumoto and Takuji Nishimura. Original source copyright:
Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, All rights reserved

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

The LocalizedFormatsTest class in the unit tests is an adapted version of the OrekitMessagesTest class from the orekit library distributed under the terms of the Apache 2 licence. Original source copyright:
Copyright 2010 CS Systmes d'Information

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

Open Source Used In OneID 1.0.1
The HermiteInterpolator class and its corresponding test have been imported from the orekit library distributed under the terms of the Apache 2 licence. Original source copyright:
Copyright 2010-2012 CS Systmes d'Information
===============================================================================
The creation of the package "o.a.c.m.analysis.integration.gauss" was inspired by an original code donated by Sbastien Brisard.
===============================================================================
The complete text of licenses and disclaimers associated with the the original sources enumerated above at the time of code translation are in the LICENSE.txt file.
This copy of Jackson JSON processor is licensed under the Apache (Software) License, version 2.0 ("the License").
See the License for details about distribution rights, and the specific rights regarding derivate works.
You may obtain a copy of the License at:

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

A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF"
This product currently only contains code developed by authors of specific components, as identified by the source code files; if such notes are missing files have been created by Tatu Saloranta.

For additional credits (generally to people who reported problems) see CREDITS file.

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

APACHE COMMONS MATH DERIVATIVE WORKS:
The Apache commons-math library includes a number of subcomponents
whose implementation is derived from original sources written
in C or Fortran. License terms of the original sources
are reproduced below.

===============================================================================
For the lmder, lmpar and qrsolv Fortran routine from minpack and translated in
the LevenbergMarquardtOptimizer class in package
org.apache.commons.math3.optimization.general
Original source copyright and license statement:

Minpack Copyright Notice (1999) University of Chicago. All rights reserved

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

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

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

3. The end-user documentation included with the
redistribution, if any, must include the following
acknowledgment:

"This product includes software developed by the
University of Chicago, as Operator of Argonne National
Laboratory.

Alternately, this acknowledgment may appear in the software
itself, if and wherever such third-party acknowledgments
normally appear.

4. WARRANTY DISCLAIMER. THE SOFTWARE IS SUPPLIED "AS IS"
WITHOUT WARRANTY OF ANY KIND. THE COPYRIGHT HOLDER, THE
UNITED STATES, THE UNITED STATES DEPARTMENT OF ENERGY, AND
THEIR EMPLOYEES: (1) DISCLAIM ANY WARRANTIES, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO ANY IMPLIED WARRANTIES
OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, TITLE
OR NON-INFRINGEMENT, (2) DO NOT ASSUME ANY LEGAL LIABILITY
OR RESPONSIBILITY FOR THE ACCURACY, COMPLETENESS, OR
USEFULNESS OF THE SOFTWARE, (3) DO NOT REPRESENT THAT USE OF
THE SOFTWARE WOULD NOT INFRINGE PRIVATELY OWNED RIGHTS, (4) DO NOT WARRANT THAT THE SOFTWARE WILL FUNCTION UNINTERRUPTED, THAT IT IS ERROR-FREE OR THAT ANY ERRORS WILL BE CORRECTED.

5. LIMITATION OF LIABILITY. IN NO EVENT WILL THE COPYRIGHT HOLDER, THE UNITED STATES, THE UNITED STATES DEPARTMENT OF ENERGY, OR THEIR EMPLOYEES: BE LIABLE FOR ANY INDIRECT, INCIDENTAL, CONSEQUENTIAL, SPECIAL OR PUNITIVE DAMAGES OF ANY KIND OR NATURE, INCLUDING BUT NOT LIMITED TO LOSS OF PROFITS OR LOSS OF DATA, FOR ANY REASON WHATSOEVER, WHETHER SUCH LIABILITY IS ASSERTED ON THE BASIS OF CONTRACT, TORT (INCLUDING NEGLIGENCE OR STRICT LIABILITY), OR OTHERWISE, EVEN IF ANY OF SAID PARTIES HAS BEEN WarnED OF THE POSSIBILITY OF SUCH LOSS OR DAMAGES.

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

Copyright and license statement for the odex Fortran routine developed by E. Hairer and G. Wanner and translated in GraggBulirschStoerIntegrator class in package org.apache.commons.math3.ode.nonstiff:

Copyright (c) 2004, Ernst Hairer

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

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

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

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

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

Open Source Used In OneID 1.0.1
Copyright and license statement for the original lapack fortran routines translated in EigenDecompositionImpl class in package org.apache.commons.math3.linear:

Copyright (c) 1992-2008 The University of Tennessee. All rights reserved.

$COPYRIGHT$

Additional copyrights may follow

$HEADER$

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

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

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

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

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

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

Copyright and license statement for the original Mersenne twister C routines translated in MersenneTwister class in package org.apache.commons.math3.random:

Copyright (C) 1997 - 2002, Makoto Matsumoto and Takuji Nishimura, All rights reserved.
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

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

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

3. The names of its contributors may not be used to endorse or promote products derived from this software without specific prior written permission.

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

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

The class "org.apache.commons.math3.exception.util.LocalizedFormatsTest" is an adapted version of "OrekitMessagesTest" test class for the Orekit library. The "org.apache.commons.math3.analysis.interpolation.HermiteInterpolator" has been imported from the Orekit space flight dynamics library.

The Orekit library is described at:
https://www.orekit.org/forge/projects/orekit

The original files are distributed under the terms of the Apache 2 license which is: Copyright 2010 CS Communication & Systmes
/*
 * Licensed to the Apache Software Foundation (ASF) under one or more contributor license agreements. See the NOTICE file distributed with this work for additional information regarding copyright ownership.
 * The ASF licenses this file to You under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
 * http://www.apache.org/licenses/LICENSE-2.0
 */
* Unless required by applicable law or agreed to in writing, software
* distributed under the License is distributed on an "AS IS" BASIS,
* WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
* See the License for the specific language governing permissions and
* limitations under the License.
*/

Apache Cassandra
Copyright 2009-2014 The Apache Software Foundation

This product includes software developed by The Apache Software
Foundation (http://www.apache.org/).

Some alternate data structures provided by high-scale-lib from
http://sourceforge.net/projects/high-scale-lib/.
Written by Cliff Click and released as Public Domain.

Some alternate data structures provided by concurrentlinkedhashmap
Copyright 2009 Benjamin Manes

Alternative collection types provided by google-collections from
http://code.google.com/p/google-collections/.
Copyright (C) 2007 Google Inc.

JSON (de)serialization provided by jackson (http://jackson.codehaus.org).
Copyright (C) 2010 Tatu Saloranta and others.

Alternative JSON (de)serialization by json-simple from
Copyright (C) 2009 Fang Yidong and Chris Nokleberg

This product includes the Jetty HTTP server
(http://jetty.codehaus.org/jetty/).
Copyright 1995-2006 Mort Bay Consulting Pty Ltd

YAML support provided by snakeml (http://code.google.com/p/snakeyaml/).
Copyright (c) 2008-2010 Andrey Somov

Compression support provided by snappy-java (http://code.google.com/p/snappy-java/)
Written by Taro L. Saito.

Streaming compression support provided by ning-compress
(https://github.com/ning/compress)
Copyright 2009-2010 Ning, Inc.

CQL Native transport uses Netty
(https://netty.io/)
Copyright (C) 2011 The Netty Project
LZ4 compression support provided by lz4-java (http://github.com/jpountz/lz4-java)  
Written by Adrien Grand.  
Contains bindings to the C LZ4 implementation (http://code.google.com/p/lz4/)  
Copyright (C) 2011-2012, Yann Collet.  

Alternative Disruptor backed thrift server from https://github.com/xedin/disruptor_thrift_server  
Written by Pavel Yaskevich.  

LMAX Disruptor  
(http://lmax-exchange.github.io/disruptor/)  
Copyright 2011 LMAX Ltd.  

Airline  
(https://github.com/airlift/airline)  
Copyright 2011, Dain Sundstrom dain@iq80.com  
Copyright 2010, Cedric Beust cedric@beust.com  

HLL++ support provided by stream-lib  
(http://github.com/addthis/stream-lib)  

Eclipse JDT  
Java compilation software for user-defined-functions is provided by Eclipse,  
which is open source software. The original software and  
related information is available at http://www.eclipse.org/  
(http://www.eclipse.org/jdt/)  

SIGAR  
http://sigar.hyperic.com/  

OHC  
(https://github.com/snazy/ohc)  
Java Off-Heap-Cache, licensed under APLv2  
Copyright 2014-2015 Robert Stupp, Germany.  

Protocol buffers for varint encoding  
https://developers.google.com/protocol-buffers/  
Copyright 2008 Google Inc. All rights reserved.  
BSD 3-clause  

ASM  
(http://asm.ow2.org/)  
Copyright (c) 2000-2011 INRIA, France Telecom  

HdrHistogram  
http://hdrhistogram.org  

JCTools
http://jctools.github.io/JCTools/

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

This package was debianized by Eric Evans <eevans@apache.org> on Sun, 26 Jul 2009 15:12:10 +0000

Upstream Author: Cassandra Developers <cassandra-dev@incubator.apache.org>

Copyright (c) 2009, The Apache Software Foundation.

This software is licensed under the Apache License 2.0. On Debian GNU/Linux systems you can find the complete text of the Apache-2.0 license in `/usr/share/common-licenses/Apache-2.0'.

Copyright (c) 2001, Dr Martin Porter,
Copyright (c) 2002, Richard Boulton.
All rights reserved.

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

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

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

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

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

(SOURCE:http://snowball.tartarus.org/license.html)

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and limitations under the License.
Copyright (c) 2004-2008 QOS.ch
All rights reserved.

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

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

THIRD-PARTY DEPENDENCIES
================================
Convenience copies of some third-party dependencies are distributed with Apache Cassandra as Java jar files in lib/. Licensing information for these files can be found in the lib/licenses directory.
The code in this repository code was Written by Gil Tene, Michael Barker, and Matt Warren, and released to the public domain, as explained at http://creativecommons.org/publicdomain/zero/1.0/

For users of this code who wish to consume it under the "BSD" license rather than under the public domain or CC0 contribution text mentioned above, the code found under this directory is *also* provided under the following license (commonly referred to as the BSD 2-Clause License). This license does not detract from the above stated release of the code into the public domain, and simply represents an additional license granted by the Author.

** Beginning of "BSD 2-Clause License" text. **

Copyright (c) 2012, 2013, 2014 Gil Tene
Copyright (c) 2014 Michael Barker
Copyright (c) 2014 Matt Warren
All rights reserved.

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

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

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

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

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.

The person or persons who have associated work with this document (the
"Dedicator" or "Certifier") hereby either (a) certifies that, to the best
of his knowledge, the work of authorship identified is in the public
domain of the country from which the work is published, or (b) hereby
dedicates whatever copyright the dedicatores holds in the work of
authorship identified below (the "Work") to the public domain. A
certifier, moreover, dedicates any copyright interest he may have in the
associated work, and for these purposes, is described as a "dedicator"
below.

A certifier has taken reasonable steps to verify the copyright status of
this work. Certifier recognizes that his good faith efforts may not
shield him from liability if in fact the work certified is not in the
public domain.

Dedicator makes this dedication for the benefit of the public at large and
to the detriment of the Dedicator's heirs and successors. Dedicator
intends this dedication to be an overt act of relinquishment in perpetuity
of all present and future rights under copyright law, whether vested or
contingent, in the Work. Dedicator understands that such relinquishment of
all rights includes the relinquishment of all rights to enforce (by
lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may
be freely reproduced, distributed, transmitted, used, modified, built
upon, or otherwise exploited by anyone for any purpose, commercial or
non-commercial, and in any way, including by methods that have not yet
been invented or conceived.

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

"Object" form shall mean any form resulting from mechanical
transformation or translation of a Source form, including but
not limited to compiled object code, generated documentation,
and conversions to other media types.
"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

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

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

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

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

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

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

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

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

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

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

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 2014 Robert Stupp, Koeln, Germany, robert-stupp.de

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

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

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

Copyright 2009 Brian Quinlan. All rights reserved.

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

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

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

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 2010-2012 Coda Hale and Yammer, Inc.

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

http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Copyright (c) 2003-2006 Terence Parr
All rights reserved.

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

1. Redistributions of source code must retain the above copyright
   notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in the
documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products
derived from this software without specific prior written permission.

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

Copyright 2009-2010 Ning, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

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

Copyright (c) 2000-2011 INRIA, France Telecom
All rights reserved.

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

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

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

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

**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 2011 Clearspring Technologies
Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

"Work" shall mean the work of authorship, whether in Source or
Object form, made available under the License, as indicated by a
copyright notice that is included in or attached to the work
"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 2014 Robert Stupp, Koeln, Germany, robert-stupp.de

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

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

-------------------------------------------------------------------------------

Copyright (C) 2011-2012, Yann Collet.
BSD 2-Clause License (http://www.opensource.org/licenses/bsd-license.php)

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

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

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

You can contact the author at:
- LZ4 homepage: http://fastcompression.blogspot.com/p/lz4.html
- LZ4 source repository: http://code.google.com/p/lz4/

Copyright (c) 2010-2014 Benjamin Peterson

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

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

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

jBCrypt is subject to the following license:

/ *
* Copyright (c) 2006 Damien Miller <djm@mindrot.org>
* 
* Permission to use, copy, modify, and distribute this software for any purpose with or without fee is hereby granted, provided that the above copyright notice and this permission notice appear in all copies.
* 
* THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
package org.apache.cassandra.auth;

import java.util.EnumSet;
import java.util.Set;
import com.google.common.collect.ImmutableSet;
import com.google.common.collect.Sets;

/**
 * An enum encapsulating the set of possible permissions that an authenticated user can have on a resource.
 * 
 * IAuthorizer implementations may encode permissions using ordinals, so the Enum order must never change order.
 * Adding new values is ok.
 */
public enum Permission
{
    @Deprecated
    READ,
    @Deprecated
    WRITE,
    // schema and role management
    // CREATE, ALTER and DROP permissions granted on an appropriate DataResource are required for
    // CREATE KEYSPACE and CREATE TABLE.
    // ALTER KEYSPACE, ALTER TABLE, CREATE INDEX and DROP INDEX require ALTER permission on the
    // relevant DataResource.
    // DROP KEYSPACE and DROP TABLE require DROP permission.
}
// In the context of Role management, these permissions may also be granted on a RoleResource.
// CREATE is only granted on the root-level role resource, and is required to create new roles.
// ALTER & DROP may be granted on either the root-level role resource, giving permissions on
// all roles, or on specific role-level resources.
CREATE,
ALTER,
DROP,

// data access
SELECT, // required for SELECT on a table
MODIFY, // required for INSERT, UPDATE, DELETE, TRUNCATE on a DataResource.

// permission management
AUTHORIZE, // required for GRANT and REVOKE of permissions or roles.

DESCRIBE, // required on the root-level RoleResource to list all Roles

// UDF permissions
EXECUTE; // required to invoke any user defined function or aggregate

public static final Set<Permission> ALL =
    Sets.immutableEnumSet(EnumSet.range(Permission.CREATE, Permission.EXECUTE));
public static final Set<Permission> NONE = ImmutableSet.of();

"Copyright (c) 2002-2006, Marc Prud'hommeaux <mwp1@cornell.edu>
All rights reserved.

Redistribution and use in source and binary forms, with or
without modification, are permitted provided that the following
conditions are met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

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

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

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

Copyright 2009 Brian Quinlan. All rights reserved.

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

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

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

Apache License
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright 2010-2012 Coda Hale and Yammer, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.
"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS
Apache Thrift
Copyright 2006-2010 The Apache Software Foundation.

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

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.

SOFTWARE DISTRIBUTED WITH THRIFT:

The Apache Thrift software includes a number of subcomponents with separate copyright notices and license terms. Your use of the source code for these subcomponents is subject to the terms and conditions of the following licenses.

Portions of the following files are licensed under the MIT License:
lib/erl/src/Makefile.am

Please see doc/otp-base-license.txt for the full terms of this license.

--------------------------------------------------
For the aclocal/ax_boost_base.m4 and contrib/fb303/aclocal/ax_boost_base.m4 components:

# Copyright (c) 2007 Thomas Porschberg <thomas@randspringer.de>
#
# Copying and distribution of this file, with or without
# modification, are permitted in any medium without royalty provided
# the copyright notice and this notice are preserved.

--------------------------------------------------
For the compiler/cpp/src/thrift/md5.[ch] components:

/*
 * Copyright (C) 1999, 2000, 2002 Aladdin Enterprises. All rights reserved.
 *
 * This software is provided 'as-is', without any express or implied
 * warranty. In no event will the authors be held liable for any damages
 * arising from the use of this software.
 *
 * Permission is granted to anyone to use this software for any purpose,
 * including commercial applications, and to alter it and redistribute it
 * freely, subject to the following restrictions:
 *
 * 1. The origin of this software must not be misrepresented; you must not
 * claim that you wrote the original software. If you use this software
 * in a product, an acknowledgment in the product documentation would be
 * appreciated but is not required.
 * 2. Altered source versions must be plainly marked as such, and must not be
 * misrepresented as being the original software.
 * 3. This notice may not be removed or altered from any source distribution.
 *
 * L. Peter Deutsch
 * ghost@aladdin.com
 *
 */

--------------------------------------------------
For the lib/rb/setup.rb: Copyright (c) 2000-2005 Minero Aoki,
lib/ocaml/OCamlMakefile and lib/ocaml/README-OCamlMakefile components:

Copyright (C) 1999 - 2007 Markus Mottl

Licensed under the terms of the GNU Lesser General Public License 2.1
(see doc/lgpl-2.1.txt for the full terms of this license)
This product currently only contains code developed by authors of specific components, as identified by the source code files; if such notes are missing files have been created by Tatu Saloranta.

For additional credits (generally to people who reported problems) see CREDITS file.

This copy of Jackson JSON processor is licensed under the Apache (Software) License, version 2.0 ("the License"). See the License for details about distribution rights, and the specific rights regarding derivate works.

You may obtain a copy of the License at:

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

A copy is also included with both the the downloadable source code package and jar that contains class bytecodes, as file "ASL 2.0". In both cases, that file should be located next to this file: in source distribution the location should be "release-notes/asl"; and in jar "META-INF/"

<!-- NewPage -->
<html lang="en">
<head>
<title>Permission (apache-cassandra API)</title>
<meta name="date" content="2018-07-24">
<link rel="stylesheet" type="text/css" href="../../../../stylesheet.css" title="Style">
<script type="text/javascript" src="../../../../script.js"></script>
</head>
<body>
<script type="text/javascript">try {
    if (location.href.indexOf('is-external=true') == -1) {
        parent.document.title="Permission (apache-cassandra API)";
    }
}
catch(err) {
}
//--> var methods = {"i0":9,"i1":9};
var tabs = {65535:"t0","All Methods"}:1:"t1","Static Methods"}:8:"t4","Concrete Methods"};
var altColor = "altColor";
var rowColor = "rowColor";
var tableTab = "tableTab";
var activeTableTab = "activeTableTab";
</script>
<a name="skip.navbar.top"></a><div class="contentContainer">
<ul class="inheritance">
<li>java.lang.Object</li>
<li>
<ul class="inheritance">
<li>java.lang.Enum&lt;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>&gt;</li>
<li>org.apache.cassandra.auth.Permission</li>
</ul>
</li>
</ul>
<dl><dt>All Implemented Interfaces:</dt><dd>java.io.Serializable, java.lang.Comparable&lt;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>&gt;</dd></dl>
<dt>All Implemented Interfaces:</dt><dd><a href="../../../../java/io/Serializable.html" title="interface in java.io">java.io.Serializable</a>, <a href="../../../../java/lang/Comparable.html" title="interface in java.lang">java.lang.Comparable</a>&lt;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>&gt;</dd></dl>
public enum Permission extends java.lang.Enum

An enum encapsulating the set of possible permissions that an authenticated user can have on a resource.

IAuthorizer implementations may encode permissions using ordinals, so the Enum order must never change order. Adding new values is ok.

Enum Constant Summary

<table>
<thead>
<tr>
<th>Enum Constant and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>ALTER</td>
</tr>
<tr>
<td>AUTHORIZE</td>
</tr>
<tr>
<td>CREATE</td>
</tr>
<tr>
<td>DESCRIBE</td>
</tr>
<tr>
<td>DROP</td>
</tr>
<tr>
<td>Field</td>
</tr>
<tr>
<td>-------</td>
</tr>
<tr>
<td>EXECUTE</td>
</tr>
<tr>
<td>MODIFY</td>
</tr>
<tr>
<td>READ</td>
</tr>
<tr>
<td>SELECT</td>
</tr>
<tr>
<td>WRITE</td>
</tr>
<tr>
<td>ALL</td>
</tr>
</tbody>
</table>

```java
static java.util.Set<
```
<table>
<thead>
<tr>
<th>Modifier and Type</th>
<th>Method and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>static Permission</td>
<td><code>valueOf(java.lang.String)</code> Returns the enum constant of this type with the specified name.</td>
</tr>
<tr>
<td>static Permission[]</td>
<td><code>values()</code> Returns an array containing the constants of this enum type, in the order they are declared.</td>
</tr>
</tbody>
</table>
<h3>Methods inherited from class java.lang.Enum</h3>
<code>clone, compareTo, equals, finalize, getDeclaringClass, hashCode, name, ordinal, toString,
valueOf</code></li>
</ul>
<ul class="blockList">
<li class="blockList">
<h3>Methods inherited from class java.lang.Object</h3>
<code>getClass, notify, notifyAll, wait, wait, wait</code></li>
</ul>
</div>
<div class="details">
<ul class="blockList">
<li class="blockList">
<!-- ============ ENUM CONSTANT DETAIL =========== -->
<ul class="blockList">
<li class="blockList">
<h3>Enum Constant Detail</h3>
<a name="READ"/>
<ul class="blockList">
<li class="blockList">
<h4>READ</h4>
<pre>@Deprecated
public static final &lt;a href="/..//..//org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a&gt; READ</pre>
<div class="block"><span class="deprecatedLabel">Deprecated.</span> &nbsp;</div>
</li>
</ul>
</li>
</ul>
</div>
<div class="details">
<ul class="blockList">
<li class="blockList">
<!-- ============ ENUM CONSTANT DETAIL =========== -->
<ul class="blockList">
<li class="blockList">
<h3>Enum Constant Detail</h3>
<a name="WRITE"/>
<ul class="blockList">
<li class="blockList">
<h4>WRITE</h4>
<pre>@Deprecated
public static final &lt;a href="/..//..//org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a&gt; WRITE</pre>
<div class="block"><span class="deprecatedLabel">Deprecated.</span> &nbsp;</div>
</li>
</ul>
</li>
</ul>
</div>
<li class="blockList">
<h4>CREATE</h4>
<pre>public static final&nbsp;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a> CREATE</pre>
</li>
</ul>

<a name="ALTER"></a>
<ul class="blockList">
<li class="blockList">
<h4>ALTER</h4>
<pre>public static final&nbsp;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a> ALTER</pre>
</li>
</ul>

<a name="DROP"></a>
<ul class="blockList">
<li class="blockList">
<h4>DROP</h4>
<pre>public static final&nbsp;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a> DROP</pre>
</li>
</ul>

<a name="SELECT"></a>
<ul class="blockList">
<li class="blockList">
<h4>SELECT</h4>
<pre>public static final&nbsp;<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a> SELECT</pre>
</li>
</ul>

<a name="MODIFY"></a>
<ul class="blockList">
<li class="blockList">
<h4>MODIFY</h4>

```
<pre>public static final Permission MODIFY</pre><h4>AUTHORIZE</h4><pre>public static final Permission AUTHORIZE</pre><h4>DESCRIBE</h4><pre>public static final Permission DESCRIBE</pre><h4>EXECUTE</h4><pre>public static final Permission EXECUTE</pre>
public static final java.util.Set<Permission> ALL

public static final java.util.Set<Permission> NONE

Method Detail

values()

Returns an array containing the constants of this enum type, in the order they are declared. This method may be used to iterate over the constants as follows:

for (Permission c : Permission.values())
    System.out.println(c);
<h4>valueOf</h4>
<pre>public static &lt;a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>&lt;/a>&nbsp;&lt;valueOf(java.lang.String&amp;nbsp;name)&lt;/pre&gt;
&lt;div class="block">Returns the enum constant of this type with the specified name. The string must match <i>exactly</i> an identifier used to declare an enum constant in this type. (Extraneous whitespace characters are not permitted.)</div&gt;
</dt>
&lt;dd&gt;&lt;span class="paramLabel">Parameters:</span&gt;&lt;/dd&gt;
&lt;dd&gt;&lt;code&gt;name&lt;/code&gt; - the name of the enum constant to be returned.&lt;/dd&gt;
&lt;dd&gt;&lt;span class="returnLabel">Returns:&lt;/span&gt;&lt;/dd&gt;
&lt;dd&gt;the enum constant with the specified name&lt;/dd&gt;
&lt;dd&gt;&lt;span class="throwsLabel">Throws:&lt;/span&gt;&lt;/dd&gt;
&lt;dd&gt;&lt;code&gt;java.lang.IllegalArgumentException&lt;/code&gt; - if this enum type has no constant with the specified name&lt;/dd&gt;
&lt;dd&gt;&lt;code&gt;java.lang.NullPointerException&lt;/code&gt; - if the argument is null&lt;/dd&gt;
</dd&gt;
&lt;/dl&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/li&gt;
&lt;/ul&gt;
&lt;/div&gt;
&lt;/div&gt;

<!-- ========= END OF CLASS DATA ========= --&gt;
<!-- ======= START OF BOTTOM NAVBAR ====== -->

<!-- ========= START OF BOTTOM NAVBAR ======= --&gt;
&lt;div class="bottomNav"><a name="navbar.bottom"
<!--   -->&gt;&lt;a href="#skip.navbar.bottom" title="Skip navigation links"&gt;Skip navigation links&lt;/a&gt;&lt;/div&gt;
&lt;a name="navbar.bottom.firstrow"&gt;&lt;/a&gt;
&lt;ul class="navList&gt;
&lt;li&gt;&lt;a href="../../../../overview-summary.html" title="Overview">Overview&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="package-summary.html" title="Package">Package&lt;/a&gt;&lt;/li&gt;
&lt;li class="navBarCell1Rev" title="Use">Class&lt;/li&gt;
&lt;li&gt;&lt;a href="class-use/Permission.html" title="Use">Use&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="package-tree.html" title="Tree">Tree&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="../../../../deprecated-list.html" title="Deprecated">Deprecated&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="../../../../index-all.html" title="Index">Index&lt;/a&gt;&lt;/li&gt;
&lt;li&gt;&lt;a href="../../../../help-doc.html" title="Help">Help&lt;/a&gt;&lt;/li&gt;
&lt;/ul&gt;
&lt;/div&gt;
&lt;ul class="subNav"&gt;
&lt;ul class="navList&gt;
<table>
<thead>
<tr>
<th>Modifier and Type</th>
<th>Method and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>static Permission</td>
<td><code>valueOf(String name)</code> Returns the enum constant of this type with the specified name.</td>
</tr>
<tr>
<td>static Permission[]</td>
<td><code>values()</code> Returns an array containing the constants of this enum type, in the order they are declared.</td>
</tr>
<tr>
<td>Modifier and Type</td>
<td>Method and Description</td>
</tr>
<tr>
<td>------------------</td>
<td>------------------------</td>
</tr>
<tr>
<td><code>java.util.Set&lt;Permission&gt;</code></td>
<td><code>DataResource.applicablePermissions()</code></td>
</tr>
<tr>
<td><code>java.util.Set&lt;Permission&gt;</code></td>
<td><code>FunctionResource.applicablePermissions()</code></td>
</tr>
<tr>
<td><code>java.util.Set&lt;Permission&gt;</code></td>
<td><code>IResource.applicablePermissions()</code></td>
</tr>
<tr>
<td><code>java.util.Set&lt;Permission&gt;</code></td>
<td><code>JMXResource.applicablePermissions()</code></td>
</tr>
</tbody>
</table>

Certain permissions are not applicable to particular types of resources.
<table>
<thead>
<tr>
<th>Class</th>
<th>Method Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>RoleResource</td>
<td><code>applicablePermissions()</code></td>
</tr>
<tr>
<td>AllowAllAuthorizer</td>
<td><code>authorize(AuthenticatedUser user, IResource resource)</code></td>
</tr>
<tr>
<td>CassandraAuthorizer</td>
<td><code>authorize(AuthenticatedUser user, IResource resource)</code></td>
</tr>
<tr>
<td>IAuthorizer</td>
<td><code>authorize(AuthenticatedUser user, IResource resource)</code></td>
</tr>
<tr>
<td>PermissionsCache</td>
<td><code>getPermissions(AuthenticatedUser user, IResource resource)</code></td>
</tr>
</tbody>
</table>

Returns a set of permissions of a user on a resource.
<table>
<thead>
<tr>
<th>Modifier and Type</th>
<th>Method and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>void</code></td>
<td><code>AllowAllAuthorizer.grant(AuthenticatedUser performer, Set&lt;Permission&gt; permissions, IResource resource, RoleResource to)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>CassandraAuthorizer.grant(AuthenticatedUser performer, Set&lt;Permission&gt; permissions, IResource resource, RoleResource to)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>BasicAuthorizer.grant(AuthenticatedUser performer, Set&lt;Permission&gt; permissions, IResource resource, RoleResource to)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>PamAuthorizer.grant(AuthenticatedUser performer, Set&lt;Permission&gt; permissions, IResource resource, RoleResource to)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>RcbtAuthorizer.grant(AuthenticatedUser performer, Set&lt;Permission&gt; permissions, IResource resource, RoleResource to)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>RcbtAuthorizer.grant(AuthenticatedUser performer, Set&lt;Permission&gt; permissions, IResource resource, RoleResource to)</code></td>
</tr>
</tbody>
</table>

Method parameters in `org.apache.cassandra.auth` with type arguments of type `Permission`.
<table>
<thead>
<tr>
<th>Constructor</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>IAuthorizer.grant()</code></td>
<td>Grants a set of permissions on a resource to a role.</td>
</tr>
<tr>
<td><code>AllowAllAuthorizer.list()</code></td>
<td></td>
</tr>
<tr>
<td><code>CassandraAuthorizer.list()</code></td>
<td></td>
</tr>
</tbody>
</table>

```java
public void grant(AuthenticatedUser performer, Set<Permission> permissions, IResource resource, RoleResource grantee) {
    // Implementation
}
```
<table>
<thead>
<tr>
<th>Method</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>list</code></td>
<td>Returns a list of permissions on a resource granted to a role.</td>
</tr>
<tr>
<td><code>revoke</code></td>
<td>Revoke permissions on a resource granted to a role.</td>
</tr>
</tbody>
</table>

```java
AuthenticatedUser performer,
java.util.Set<Permission> permissions,
IResource resource,
RoleResource grantee)
```

```java
AuthenticatedUser performer,
java.util.Set<Permission> permissions,
IResource resource,
RoleResource from)
```

```java
AuthenticatedUser performer,
java.util.Set<PermissionDetails> permissions,
IResource resource,
RoleResource grantee)
```

```java
AuthenticatedUser performer,
java.util.Set<PermissionDetails> permissions,
IResource resource,
RoleResource grantee)
```

```java
AuthenticatedUser performer,
java.util.Set<Permission> permissions,
IResource resource,
RoleResource grantee)
```

```java
AuthenticatedUser performer,
java.util.Set<Permission> permissions,
IResource resource,
RoleResource grantee)
```

```java
AuthenticatedUser performer,
java.util.Set<PermissionDetails> permissions,
IResource resource,
RoleResource grantee)
```

```java
AuthenticatedUser performer,
java.util.Set<Permission> permissions,
IResource resource,
RoleResource grantee)
```
void IAuthorizer.<code>revoke</code>(AuthenticatedUser performer, java.util.Set<Permission> permissions, IResource resource, RoleResource revokee)

Revokes a set of permissions on a resource from a user.
<table>
<thead>
<tr>
<th>Modifier and Type</th>
<th>Field and Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>protected java.util.Set</td>
<td>ListPermissionsStatement.permissions</td>
</tr>
<tr>
<td>protected java.util.Set</td>
<td>PermissionsManagementStatement.permissions</td>
</tr>
<tr>
<td>Constructor and Description</td>
<td></td>
</tr>
<tr>
<td>-----------------------------</td>
<td></td>
</tr>
<tr>
<td><code>void</code>&lt;br&gt;<code>checkPermission</code>(ClientState state, Permission required, RoleResource resource)</td>
<td></td>
</tr>
<tr>
<td><code>GrantPermissionsStatement</code>(java.util.Set&lt;Permission&gt; permissions, IResource resource, RoleName grantee)</td>
<td></td>
</tr>
<tr>
<td><code>ListPermissionsStatement</code>(java.util.Set&lt;Permission&gt; permissions, IResource resource, RoleName grantee, boolean optional)</td>
<td></td>
</tr>
</tbody>
</table>
<tr class="altColor">
<td class="colLast"><code><span class="memberNameLink"><a href="../../../../org/apache/cassandra/cql3/statements/PermissionsManagementStatement.html#PermissionsManagementStatement-java.util.Set-org.apache.cassandra.auth.IResource-org.apache.cassandra.cql3.RoleName-">PermissionsManagementStatement</a></span>(java.util.Set<<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>>&nbsp;permissions,
<a href="../../../../org/apache/cassandra/auth/IResource.html" title="interface in org.apache.cassandra.auth">IResource</a>&nbsp;resource,
<a href="../../../../org/apache/cassandra/cql3/RoleName.html" title="class in org.apache.cassandra.cql3">RoleName</a>&nbsp;grantee)</code>&nbsp;</td>
</tr>
<tr class="rowColor">
<td class="colLast"><code><span class="memberNameLink"><a href="../../../../org/apache/cassandra/cql3/statements/RevokePermissionsStatement.html#RevokePermissionsStatement-java.util.Set-org.apache.cassandra.auth.IResource-org.apache.cassandra.cql3.RoleName-">RevokePermissionsStatement</a></span>(java.util.Set<<a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>>&nbsp;permissions,
<a href="../../../../org/apache/cassandra/auth/IResource.html" title="interface in org.apache.cassandra.auth">IResource</a>&nbsp;resource,
<a href="../../../../org/apache/cassandra/cql3/RoleName.html" title="class in org.apache.cassandra.cql3">RoleName</a>&nbsp;grantee)</code>&nbsp;</td>
</tr>
</tbody>
</table>
</li>
<li class="blockList"><a name="org.apache.cassandra.service">
<!--   -->
</a>
<h3>Uses of <a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a> in <a href="../../../../org/apache/cassandra/service/package-summary.html">org.apache.cassandra.service</a></h3>
<table class="useSummary" border="0" cellpadding="3" cellspacing="0" summary="Use table, listing methods, and an explanation">
<caption><span>Methods in <a href="../../../../org/apache/cassandra/service/package-summary.html">org.apache.cassandra.service</a> with parameters of type <a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a></span><span class="tabEnd"> </span></caption>
<tbody>
<tr>
<th class="colFirst" scope="col">Modifier and Type</th>
<th class="colLast" scope="col">Method and Description</th>
</tr>
</tbody>
</table>
<h3>Methods in <a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a> with parameters of type <a href="../../../../org/apache/cassandra/service/package-summary.html">org.apache.cassandra.service</a></h3>
<table class="useSummary" border="0" cellpadding="3" cellspacing="0" summary="Use table, listing methods, and an explanation">
<caption><span>Methods in <a href="../../../../org/apache/cassandra/service/package-summary.html">org.apache.cassandra.service</a> with parameters of type <a href="../../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a></span><span class="tabEnd"> </span></caption>
<tbody>
<tr>
<th class="colFirst" scope="col">Modifier and Type</th>
<th class="colLast" scope="col">Method and Description</th>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Class Method</th>
<th>Signature</th>
</tr>
</thead>
<tbody>
<tr>
<td><code>void</code></td>
<td><code>ensureHasPermission</code>&lt;br&gt;ClientState.&lt;br&gt;<code>&lt;span class=&quot;typeNameLabel&quot;&gt;ClientState&lt;/span&gt;</code>&lt;br&gt;<code>&lt;span class=&quot;memberNameLink&quot;&gt;&lt;a href=&quot;../org/apache/cassandra/service/ClientState.html#ensureHasPermission-org.apache.cassandra.auth.Permission-org.apache.cassandra.cql3.functions.Function-&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;ensureHasPermission&lt;/a&gt;&lt;/span&gt;(&lt;a href=&quot;../org/apache/cassandra/auth/Permission.html&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;Permission&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;perm&lt;/span&gt;&lt;/span&gt;, &lt;a href=&quot;../org/apache/cassandra/cql3/functions/Function.html&quot; title=&quot;interface in org.apache.cassandra.cql3.functions&quot;&gt;Function&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;function&lt;/span&gt;&lt;/span&gt;)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>ensureHasPermission</code>&lt;br&gt;ClientState.&lt;br&gt;<code>&lt;span class=&quot;typeNameLabel&quot;&gt;ClientState&lt;/span&gt;</code>&lt;br&gt;<code>&lt;span class=&quot;memberNameLink&quot;&gt;&lt;a href=&quot;../org/apache/cassandra/service/ClientState.html#ensureHasPermission-org.apache.cassandra.auth.Permission-org.apache.cassandra.auth.IResource-&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;ensureHasPermission&lt;/a&gt;&lt;/span&gt;(&lt;a href=&quot;../org/apache/cassandra/auth/Permission.html&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;Permission&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;perm&lt;/span&gt;&lt;/span&gt;, &lt;a href=&quot;../org/apache/cassandra/auth/IResource.html&quot; title=&quot;interface in org.apache.cassandra.auth&quot;&gt;IResource&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;resource&lt;/span&gt;&lt;/span&gt;)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>hasAllKeyspacesAccess</code>&lt;br&gt;ClientState.&lt;br&gt;<code>&lt;span class=&quot;typeNameLabel&quot;&gt;ClientState&lt;/span&gt;</code>&lt;br&gt;<code>&lt;span class=&quot;memberNameLink&quot;&gt;&lt;a href=&quot;../org/apache/cassandra/service/ClientState.html#hasAllKeyspacesAccess-org.apache.cassandra.auth.Permission-&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;hasAllKeyspacesAccess&lt;/a&gt;&lt;/span&gt;(&lt;a href=&quot;../org/apache/cassandra/auth/Permission.html&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;Permission&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;perm&lt;/span&gt;&lt;/span&gt;)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>hasColumnFamilyAccess</code>&lt;br&gt;ClientState.&lt;br&gt;<code>&lt;span class=&quot;typeNameLabel&quot;&gt;ClientState&lt;/span&gt;</code>&lt;br&gt;<code>&lt;span class=&quot;memberNameLink&quot;&gt;&lt;a href=&quot;../org/apache/cassandra/service/ClientState.html#hasColumnFamilyAccess-org.apache.cassandra.config.CFMetaData-org.apache.cassandra.auth.Permission-&quot; title=&quot;class in org.apache.cassandra.config&quot;&gt;hasColumnFamilyAccess&lt;/a&gt;&lt;/span&gt;(&lt;a href=&quot;../org/apache/cassandra/config/CFMetaData.html&quot; title=&quot;class in org.apache.cassandra.config&quot;&gt;CFMetaData&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;cfm&lt;/span&gt;&lt;/span&gt;, &lt;a href=&quot;../org/apache/cassandra/auth/Permission.html&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;Permission&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;perm&lt;/span&gt;&lt;/span&gt;)</code></td>
</tr>
<tr>
<td><code>void</code></td>
<td><code>hasColumnFamilyAccess</code>&lt;br&gt;ClientState.&lt;br&gt;<code>&lt;span class=&quot;typeNameLabel&quot;&gt;ClientState&lt;/span&gt;</code>&lt;br&gt;<code>&lt;span class=&quot;memberNameLink&quot;&gt;&lt;a href=&quot;../org/apache/cassandra/service/ClientState.html#hasColumnFamilyAccess-java.lang.String-java.lang.String-org.apache.cassandra.auth.Permission-&quot; title=&quot;class in org.apache.cassandra.auth&quot;&gt;hasColumnFamilyAccess&lt;/a&gt;&lt;/span&gt;(&lt;a href=&quot;http://www.apache.org/cassandra/auth&quot; title=&quot;class in org.apache.cassandra.auth&quot;&gt;Authentication&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;auth&lt;/span&gt;&lt;/span&gt;, &lt;a href=&quot;../org/apache/cassandra/config/CFMetaData.html&quot; title=&quot;class in org.apache.cassandra.config&quot;&gt;CFMetaData&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;cfm&lt;/span&gt;&lt;/span&gt;, &lt;a href=&quot;../org/apache/cassandra/auth/Permission.html&quot; title=&quot;enum in org.apache.cassandra.auth&quot;&gt;Permission&lt;/a&gt;&amp;nbsp;&lt;span class=&quot;paramName&quot;&gt;&lt;span class=&quot;typeNameLabel&quot;&gt;perm&lt;/span&gt;&lt;/span&gt;)</code></td>
</tr>
</tbody>
</table>
"hasColumnFamilyAccess</a>(java.lang.String&nbsp;keyspace,
java.lang.String&nbsp;columnFamily,
<a href="../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>&nbsp;perm)</code>&nbsp;</td>
</tr>
<tr class="rowColor">
<td class="colFirst"><code>void</code></td>
<td class="colLast"><span class="typeNameLabel">ClientState.</span><code><span class="memberNameLink"><a href="../../../org/apache/cassandra/service/ClientState.html#hasKeyspaceAccess-java.lang.String-org.apache.cassandra.auth.Permission-">hasKeyspaceAccess</a></span>(java.lang.String&nbsp;keyspace,
<a href="../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Permission</a>&nbsp;perm)</code>&nbsp;</td>
</tr>
</tbody>
</table>

<!-- ======= START OF BOTTOM NAVBAR ====== -->
<div class="bottomNav"><a name="navbar.bottom">
<!--   -->
</a><div class="skipNav"><a href="#skip.navbar.bottom" title="Skip navigation links">Skip navigation links</a></div>
<a name="navbar.bottom.firstrow">
<!--   -->
</a><ul class="navList" title="Navigation">
<li><a href="../overview-summary.html">Overview</a></li>
<li><a href="package-summary.html">Package</a></li>
<li><a href="../../../org/apache/cassandra/auth/Permission.html" title="enum in org.apache.cassandra.auth">Class</a></li>
<li class="navBarCell1Rev">Use</li>
<li><a href="../overview-tree.html">Tree</a></li>
<li><a href="../../../deprecated-list.html">Deprecated</a></li>
<li><a href="../../../index-all.html">Index</a></li>
<li><a href="../../../help-doc.html">Help</a></li>
</ul>
</div>
<div class="subNav">
<ul class="navList">
<li>Prev</li>
<li>Next</li>
</ul>
<ul class="navList">
</ul>
</div>

<!-- ======== START OF BOTTOM NAVBAR ======= -->
Open Source Used In OneID 1.0.1

Copyright (C) 2009 Fang Yidong and Chris Nokleberg

This product includes the Jetty HTTP server
(http://jetty.codehaus.org/jetty/).
Copyright 1995-2006 Mort Bay Consulting Pty Ltd

YAML support provided by snakeyaml (http://code.google.com/p/snakeyaml/).
Copyright (c) 2008-2010 Andrey Somov

Compression support provided by snappy-java (http://code.google.com/p/snappy-java/)
Written by Taro L. Saito.

Streaming compression support provided by ning-compress
(https://github.com/ning/compress)
Copyright 2009-2010 Ning, Inc.

CQL Native transport uses Netty
(https://netty.io/)
Copyright (C) 2011 The Netty Project

LZ4 compression support provided by lz4-java (http://github.com/jpountz/lz4-java)
Written by Adrien Grand.
Contains bindings to the C LZ4 implementation (http://code.google.com/p/lz4/)
Copyright (C) 2011-2012, Yann Collet.

Alternative Disruptor backed thrift server from https://github.com/xedin/disruptor_thrift_server
Written by Pavel Yaskevich.

LMAX Disruptor
(http://lmax-exchange.github.io/disruptor/)
Copyright 2011 LMAX Ltd.

Airline
(https://github.com/airlift/airline)
Copyright 2011, Dain Sundstrom dain@iq80.com
Copyright 2010, Cedric Beust cedric@beust.com

HLL++ support provided by stream-lib
(https://github.com/addthis/stream-lib)

Eclipse JDT
Java compilation software for user-defined-functions is provided by Eclipse,
which is open source software. The original software and
related information is available at http://www.eclipse.org/
(http://www.eclipse.org/jdt/)

SIGAR
OHC
(https://github.com/snazy/ohc)
Java Off-Heap-Cache, licensed under APLv2
Copyright 2014-2015 Robert Stupp, Germany.

Protocol buffers for varint encoding
https://developers.google.com/protocol-buffers/
Copyright 2008 Google Inc. All rights reserved.
BSD 3-clause

ASM
(http://asm.ow2.org/)
Copyright (c) 2000-2011 INRIA, France Telecom

HdrHistogram
http://hdrhistogram.org

JCTools
http://jctools.github.io/JCTools/

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.

THIRD-PARTY DEPENDENCIES

Convenience copies of some third-party dependencies are distributed with Apache Cassandra as Java jar files in lib/. Licensing information for these files can be found in the lib/licenses directory.

Copyright (c) 2004-2008 QOS.ch
All rights reserved.

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

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

Copyright (c) 2000-2011 INRIA, France Telecom All rights reserved.

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

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

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

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

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

The person or persons who have associated work with this document (the "Dedicator" or "Certifier") hereby either (a) certifies that, to the best of his knowledge, the work of authorship identified is in the public domain of the country from which the work is published, or (b) hereby dedicates whatever copyright the dedicators holds in the work of authorship identified below (the "Work") to the public domain. A certifier, moreover, dedicates any copyright interest he may have in the associated work, and for these purposes, is described as a "dedicator"
A certifier has taken reasonable steps to verify the copyright status of this work. Certifier recognizes that his good faith efforts may not shield him from liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

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

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.
The code in this repository code was Written by Gil Tene, Michael Barker,
and Matt Warren, and released to the public domain, as explained at
http://creativecommons.org/publicdomain/zero/1.0/

For users of this code who wish to consume it under the "BSD" license
rather than under the public domain or CC0 contribution text mentioned
above, the code found under this directory is *also* provided under the
following license (commonly referred to as the BSD 2-Clause License). This
license does not detract from the above stated release of the code into
the public domain, and simply represents an additional license granted by
the Author.

-----------------------------------------------------------------------------
** Beginning of "BSD 2-Clause License" text. **

Copyright (c) 2012, 2013, 2014 Gil Tene
Copyright (c) 2014 Michael Barker
Copyright (c) 2014 Matt Warren
All rights reserved.

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

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

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS"
AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE
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.

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, NONINFRINGEMENT, 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.

Copyright 2009-2010 Ning, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.apache.org/licenses/LICENSE-2.0

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

Copyright (c) 2003-2006 Terence Parr
All rights reserved.

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

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.
"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

Copyright 2010-2012 Coda Hale and Yammer, Inc.

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

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

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

Copyright (c) 2001, Dr Martin Porter,
Copyright (c) 2002, Richard Boulton.
All rights reserved.

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

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

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

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

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
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,
"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

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

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

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

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

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

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

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

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

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.
7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

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

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

END OF TERMS AND CONDITIONS

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

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

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

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

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Copyright (c) 2010-2014 Benjamin Peterson

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

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

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

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
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 2011 Clearspring Technologies

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright 2014 Robert Stupp, Koeln, Germany, robert-stupp.de

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.
jBCrypt is subject to the following license:

/*
 * Copyright (c) 2006 Damien Miller <djm@mindrot.org>
 *
 * Permission to use, copy, modify, and distribute this software for any
 * purpose with or without fee is hereby granted, provided that the above
 * copyright notice and this permission notice appear in all copies.
 *
 * THE SOFTWARE IS PROVIDED "AS IS" AND THE AUTHOR DISCLAIMS ALL WARRANTIES
 * WITH REGARD TO THIS SOFTWARE INCLUDING ALL IMPLIED WARRANTIES OF
 * MERCHANTABILITY AND FITNESS. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR
 * ANY SPECIAL, DIRECT, INDIRECT, OR CONSEQUENTIAL DAMAGES OR ANY DAMAGES
 * WHATSOEVER RESULTING FROM LOSS OF USE, DATA OR PROFITS, WHETHER IN AN
 * ACTION OF CONTRACT, NEGLIGENCE OR OTHER TORTIOUS ACTION, ARISING OUT OF
 * OR IN CONNECTION WITH THE USE OR PERFORMANCE OF THIS SOFTWARE.
 */

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction,
and distribution as defined by Sections 1 through 9 of this document.
"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright [yyyy] [name of copyright owner]

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

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

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.
Copyright (C) 2011-2012, Yann Collet.
BSD 2-Clause License (http://www.opensource.org/licenses/bsd-license.php)

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

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

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

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

You can contact the author at:
- LZ4 homepage : http://fastcompression.blogspot.com/p/lz4.html
- LZ4 source repository : http://code.google.com/p/lz4/
Copyright 2009 Brian Quinlan. All rights reserved.

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:
(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

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

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

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

1.2 centos-release 7 :3.1611.el7.centos

1.2.1 Available under license :

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

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

Preamble

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

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

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

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

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

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

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

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

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

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.
1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

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

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

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

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

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

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

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or
The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

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

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

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

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

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

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

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

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

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

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

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

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

NO WARRANTY

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

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

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

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

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

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

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

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

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

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

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

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.
The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

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

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

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

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

CentOS-7 EULA

CentOS-7 comes with no guarantees or warranties of any sorts, either written or implied.

The Distribution is released as GPLv2. Individual packages in the distribution come with their own licences. A copy of the GPLv2 license is included with the distribution media.

# -*- coding: utf-8 -*-

The CentOS distribution would not be possible without the hard work and dedication of a large number of talented people. It's only fair that we acknowledge the time and effort that they have put into the distribution.

We are always in need of more volunteers. If you're interested in joining the CentOS Project, please join us on irc.freenode.net in #centos-devel or via the mailing list at http://lists.centos.org/pipermail/centos-devel/

## Special Recognition ##

One of the key reasons we got delayed on the CentOS-6 release was lack of suitable build resources, especially when we had to repeatedly build large chunks of code. Norwood S came forward and worked with me to setup a large build machine, then tune the build process and help improve
the overall build, test and validate process we were using. This build
machine he donated to the project was about 5 times more capable than the
entire buildsystem we had. And he did this out of his own pocket, from
his own time, and has since upgraded the machine as well. It's now a 128GB,
48 core machine, with 4 SSD's and 4 sata disks : but the key metric is
that it can build from source, the entire CentOS-7 distro in under 22 hrs.

Having this capability was key in our ability to build, test and deliver
CentOS-7 as rapidly as we have been able to.

We'd like to dedicate the CentOS-7 Release to Mr Norwood S, of Phoenix,
AZ, USA for his continued support for the project.

Contributors:
The Red Hat developers, without whom CentOS would look very different

Akemi Matsuno-Yagi
Alain Reguera Delgado
Alan Bartlett
Andreas Thienemann
Anssi Johansson
Athmane Madjoudj
Bonnie King
Brian Stinson
Carl Trieloff
Christoph Galuschka
Fabian Arrotin
Jakub Filak
James Moger
Jeff Sheltren
Jim Perrin
Johnny Hughes Jr
Karanbir Singh
Karsten Wade
Kay Williams
Manuel Wolfshant
Matej Habrnal
Marcus Moeller
Michael Scherer
Mike McLean
Pat Riehecky
Ralph Angenendt
Scott Robbins
Stephen John Smoogen
Trevor Hemsley
Tru Huynh
Tuomas Kuosmanen
Tuomo Soini
1.3 consul 0.8.1

1.3.1 Available under license:

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

You can find the Docker license at the following link:
https://raw.githubusercontent.com/docker/docker/master/LICENSE
Copyright (c) 2016, go-dockerclient authors
All rights reserved.

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

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

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

The MIT License (MIT)

Copyright (c) 2013 Stack Exchange

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

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License (MIT)

Copyright (c) 2013 Ben Johnson

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

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

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

The MIT License (MIT)

Copyright (c) 2014 Armon Dadgar

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

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

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

The MIT License (MIT)
Copyright (c) 2013 Armon Dadgar

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

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

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

AWS SDK for Go
Copyright 2015 Amazon.com, Inc. or its affiliates. All Rights Reserved.
Copyright 2014-2015 Stripe, Inc.
Copyright (c) 2014, Elazar Leibovich
All rights reserved.

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

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

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

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

Copyright 2015 James Saryerwinnie

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.

The MIT License (MIT)

Copyright (c) 2013 Mitchell Hashimoto

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

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

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

Mozilla Public License, version 2.0

1. Definitions

1.1. Contributor

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

1.2. Contributor Version

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

1.3. Contribution

means Covered Software of a particular Contributor.
1.4. Covered Software

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

1.5. Incompatible With Secondary Licenses

means

a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. Executable Form

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

1.7. Larger Work

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

1.8. License

means this document.

1.9. Licensable

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

1.10. Modifications

means any of the following:

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

b. any new file in Source Code Form that contains any Covered Software.

1.11. Patent Claims of a Contributor

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

1.12. Secondary License

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

1.13. Source Code Form

means the form of the work preferred for making modifications.

1.14. You (or Your)

means an individual or a legal entity exercising rights under this License. For legal entities, You includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

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

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

a. for any code that a Contributor has removed from Covered Software; or

b. for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

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

2.5. Representation

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

2.6. Fair Use

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

2.7. Conditions

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

3. Responsibilities
3.1. Distribution of Source Form

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

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

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

3.4. Notices

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

3.5. Application of Additional Terms

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

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

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

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

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

Covered Software is provided under this License on an as is basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

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

8. Litigation

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

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License
10.1. New Versions

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

10.2. Effect of New Versions

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

10.3. Modified Versions

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

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

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

Exhibit A - Source Code Form License Notice

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

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

You may add additional accurate notices of copyright ownership.

Exhibit B - Incompatible With Secondary Licenses Notice

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

Copyright (c) 2014 Mitchell Hashimoto

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

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

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

Copyright 2012 Matt T. Proud (matt.proud@gmail.com)

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

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

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

Copyright {yyyy} {name of copyright owner}

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

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

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

Copyright 2016, Google Inc.
All rights reserved.
Redistribution and use in source and binary forms, with or without 
modification, are permitted provided that the following conditions are 
met:

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

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

Copyright 2012-2015 Docker, Inc.

This product includes software developed at Docker, Inc. (http://www.docker.com).

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the
United States and other governments.
It is your responsibility to ensure that your use and/or transfer does not
violate applicable laws.

For more information, please see http://www.bis.doc.gov

See also http://www.apache.org/dev/crypto.html and/or seek legal counsel.

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
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
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,
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,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

5. Submission of Contributions. Unless You explicitly state otherwise,
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.

6. Trademarks. This License does not grant permission to use the trade
names, trademarks, service marks, or product names of the Licensor,
extcept as required for reasonable and customary use in describing the
origin of the Work and reproducing the content of the NOTICE file.
9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

Copyright 2014 Docker, Inc.

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

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

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

Copyright (c) 2015 Datadog, Inc

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

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

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

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.


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

4. Redistribution.

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

You must give any other recipients of the Work or Derivative Works a copy of this License; and
You must cause any modified files to carry prominent notices stating that You changed the files; and
You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and
If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the
attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions.

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

6. Trademarks.

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

7. Disclaimer of Warranty.

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

8. Limitation of Liability.

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

9. Accepting Warranty or Additional Liability.

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

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work

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

Copyright [yyyy] [name of copyright owner]

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

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

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

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 [2013] [the CloudFoundry Authors]

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

http://www.apache.org/licenses/LICENSE-2.0
Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

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

END OF TERMS AND CONDITIONS

Copyright 2015-2016 Docker, Inc.

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

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

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

Docker
Copyright 2012-2016 Docker, Inc.

This product includes software developed at Docker, Inc. (https://www.docker.com).

This product contains software (https://github.com/kr/pty) developed
by Keith Rarick, licensed under the MIT License.

The following is courtesy of our legal counsel:

Use and transfer of Docker may be subject to certain restrictions by the
United States and other governments.
It is your responsibility to ensure that your use and/or transfer does not
violate applicable laws.

For more information, please see https://www.bis.doc.gov

See also https://www.apache.org/dev/crypto.html and/or seek legal counsel.

Apache License
Version 2.0, January 2004
https://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
You may add Your own copyright statement to Your modifications and
may provide additional or different license terms and conditions
for use, reproduction, or distribution of Your modifications, or
for any such Derivative Works as a whole, provided Your use,
reproduction, and distribution of the Work otherwise complies with
the conditions stated in this License.

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

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

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

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

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

END OF TERMS AND CONDITIONS

Copyright 2013-2016 Docker, Inc.

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

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

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

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

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

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

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

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

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.
"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

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

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

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

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

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

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

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

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

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

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

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.
You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only
on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

Copyright 2015 Docker, Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

https://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Mozilla Public License, version 2.0

1. Definitions

1.1. "Contributor"

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. "Contributor Version"

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

means Covered Software of a particular Contributor.

1.4. "Covered Software"

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. "Incompatible With Secondary Licenses"

means
a. that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

b. that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form"

means any form of the work other than Source Code Form.

1.7. "Larger Work"

means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License"

means this document.

1.9. "Licensable"

means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. "Modifications"

means any of the following:

a. any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

b. any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor

means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License"

means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public
1.13. "Source Code Form"

means the form of the work preferred for making modifications.

1.14. "You" (or "Your")

means an individual or a legal entity exercising rights under this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. License Grants and Conditions

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:

a. under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and

b. under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:
a. for any code that a Contributor has removed from Covered Software; or

b. for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

c. under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not
attempt to alter or restrict the recipients' rights in the Source Code Form.

3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

a. such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

b. You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support,
indemnity or liability terms You offer. You may include additional
disclaimers of warranty and limitations of liability specific to any
jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License
with respect to some or all of the Covered Software due to statute,
judicial order, or regulation then You must: (a) comply with the terms of
this License to the maximum extent possible; and (b) describe the
limitations and the code they affect. Such description must be placed in a
text file included with all distributions of the Covered Software under
this License. Except to the extent prohibited by statute or regulation,
such description must be sufficiently detailed for a recipient of ordinary
skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You
fail to comply with any of its terms. However, if You become compliant,
then the rights granted under this License from a particular Contributor
are reinstated (a) provisionally, unless and until such Contributor
explicitly and finally terminates Your grants, and (b) on an ongoing
basis, if such Contributor fails to notify You of the non-compliance by
some reasonable means prior to 60 days after You have come back into
compliance. Moreover, Your grants from a particular Contributor are
reinstated on an ongoing basis if such Contributor notifies You of the
non-compliance by some reasonable means, this is the first time You have
received notice of non-compliance with this License from such
Contributor, and You become compliant prior to 30 days after Your receipt
of the notice.

5.2. If You initiate litigation against any entity by asserting a patent
infringement claim (excluding declaratory judgment actions,
counter-claims, and cross-claims) alleging that a Contributor Version
directly or indirectly infringes any patent, then the rights granted to
You by any and all Contributors for the Covered Software under Section
2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user
license agreements (excluding distributors and resellers) which have been
validly granted by You or Your distributors under this License prior to
termination shall survive termination.

6. Disclaimer of Warranty

Covered Software is provided under this License on an "as is" basis,
without warranty of any kind, either expressed, implied, or statutory,
including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

7. Limitation of Liability

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or 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.

8. Litigation

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party’s ability to bring cross-claims or counter-claims.

9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions
Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If you choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.
Copyright (c) 2012, 2013 Ugorji Nwoke.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.
* Neither the name of the author nor the names of its contributors may be used
  to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Mozilla Public License Version 2.0
=====================================================================

1. Definitions

-----------

1.1. "Contributor"

   means each individual or legal entity that creates, contributes to
   the creation of, or owns Covered Software.

1.2. "Contributor Version"

   means the combination of the Contributions of others (if any) used
   by a Contributor and that particular Contributor's Contribution.

1.3. "Contribution"

   means Covered Software of a particular Contributor.

1.4. "Covered Software"

   means Source Code Form to which the initial Contributor has attached
   the notice in Exhibit A, the Executable Form of such Source Code
   Form, and Modifications of such Source Code Form, in each case
   including portions thereof.
1.5. "Incompatible With Secondary Licenses" means

(a) that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or

(b) that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.

1.6. "Executable Form" means any form of the work other than Source Code Form.

1.7. "Larger Work" means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.

1.8. "License" means this document.

1.9. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.

1.10. " Modifications" means any of the following:

(a) any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or

(b) any new file in Source Code Form that contains any Covered Software.

1.11. "Patent Claims" of a Contributor means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.

1.12. "Secondary License" means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.
1.13. "Source Code Form"
means the form of the work preferred for making modifications.

1.14. "You" (or "Your")
means an individual or a legal entity exercising rights under this
License. For legal entities, "You" includes any entity that
controls, is controlled by, or is under common control with You. For
purposes of this definition, "control" means (a) the power, direct
or indirect, to cause the direction or management of such entity,
whether by contract or otherwise, or (b) ownership of more than
fifty percent (50%) of the outstanding shares or beneficial
ownership of such entity.

2. License Grants and Conditions
--------------------------------

2.1. Grants

Each Contributor hereby grants You a world-wide, royalty-free,
non-exclusive license:

(a) under intellectual property rights (other than patent or trademark)
Licensable by such Contributor to use, reproduce, make available,
modify, display, perform, distribute, and otherwise exploit its
Contributions, either on an unmodified basis, with Modifications, or
as part of a Larger Work; and

(b) under Patent Claims of such Contributor to make, use, sell, offer
for sale, have made, import, and otherwise transfer either its
Contributions or its Contributor Version.

2.2. Effective Date

The licenses granted in Section 2.1 with respect to any Contribution
become effective for each Contribution on the date the Contributor first
distributes such Contribution.

2.3. Limitations on Grant Scope

The licenses granted in this Section 2 are the only rights granted under
this License. No additional rights or licenses will be implied from the
distribution or licensing of Covered Software under this License.
Notwithstanding Section 2.1(b) above, no patent license is granted by a
Contributor:

(a) for any code that a Contributor has removed from Covered Software; or
(b) for infringements caused by: (i) Your and any other third party’s modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or

(c) under Patent Claims infringed by Covered Software in the absence of its Contributions.

This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).

2.4. Subsequent Licenses

No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).

2.5. Representation

Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.

2.6. Fair Use

This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.

2.7. Conditions

Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.

3. Responsibilities

------------------

3.1. Distribution of Source Form

All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients’ rights in the Source Code
3.2. Distribution of Executable Form

If You distribute Covered Software in Executable Form then:

(a) such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

(b) You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients' rights in the Source Code Form under this License.

3.3. Distribution of a Larger Work

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

3.4. Notices

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

3.5. Application of Additional Terms

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional
disclaimers of warranty and limitations of liability specific to any jurisdiction.

4. Inability to Comply Due to Statute or Regulation

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Software due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Termination

5.1. The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

5.2. If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

5.3. In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or Your distributors under this License prior to termination shall survive termination.

************************************************************************
*                                                                      *
*  6. Disclaimer of Warranty                                           *
************************************************************************
Covered Software is provided under this License on an "as is" basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or 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.

Any litigation relating to this License may be brought only in the courts of a jurisdiction where the defendant maintains its principal place of business and such litigation shall be governed by laws of that jurisdiction, without reference to its conflict-of-law provisions. Nothing in this Section shall prevent a party's ability to bring cross-claims or counter-claims.
9. Miscellaneous

This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable. Any law or regulation which provides that the language of a contract shall be construed against the drafter shall not be used to construe this License against a Contributor.

10. Versions of the License

10.1. New Versions

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

10.2. Effect of New Versions

You may distribute the Covered Software under the terms of the version of the License under which You originally received the Covered Software, or under the terms of any subsequent version published by the license steward.

10.3. Modified Versions

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

10.4. Distributing Source Code Form that is Incompatible With Secondary Licenses

If You choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this
file, You can obtain one at http://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

Exhibit B - "Incompatible With Secondary Licenses" Notice

This Source Code Form is "Incompatible With Secondary Licenses", as defined by the Mozilla Public License, v. 2.0.

# Proprietary License

This license is temporary while a more official one is drafted. However, this should make it clear:

* The text contents of this website are MPL 2.0 licensed.

* The design contents of this website are proprietary and may not be reproduced or reused in any way other than to run the Serf website locally. The license for the design is owned solely by HashiCorp, Inc.

Name: serf
Copyright: Hashicorp 2013
The MIT License (MIT)

Copyright (c) 2013 Hashicorp, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Data model artifacts for Prometheus.
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at
SoundCloud Ltd. (http://soundcloud.com/).

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes
of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor,
except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of Your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.
Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software
distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.

Apache 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.

Common libraries shared by Prometheus Go components.
Copyright 2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).
Prometheus instrumentation library for Go applications
Copyright 2012-2015 The Prometheus Authors

This product includes software developed at SoundCloud Ltd. (http://soundcloud.com/).

The following components are included in this product:

goautoneg
http://bitbucket.org/ww/goautoneg
Copyright 2011, Open Knowledge Foundation Ltd.
See README.txt for license details.

perks - a fork of https://github.com/bmizerany/perks
https://github.com/beorn7/perks
Copyright 2013-2015 Blake Mizerany, Bjrn Rabenstein
See https://github.com/beorn7/perks/blob/master/README.md for license details.

Go support for Protocol Buffers - Google's data interchange format
Support for streaming Protocol Buffer messages for the Go language (golang).

https://github.com/matttproud/golang_protobuf_extensions

Copyright 2013 Matt T. Proud
Licensed under the Apache License, Version 2.0
Copyright 2009 The Go Authors. All rights reserved. Use of this source code
is governed by a BSD-style license that can be found in the LICENSE file.
Extensions of the original work are copyright (c) 2011 Miek Gieben

Copyright 2011 Miek Gieben. All rights reserved. Use of this source code is
governed by a BSD-style license that can be found in the LICENSE file.

Copyright 2014 CloudFlare. All rights reserved. Use of this source code is
governed by a BSD-style license that can be found in the LICENSE file.
Alex A. Skinner
Andrew Tunnell-Jones
Ask Bjrn Hansen
Dave Cheney
Dusty Wilson
Marek Majkowski
Peter van Dijk
Omri Bahumi
Alex Sergeyev
Extensions of the original work are copyright (c) 2011 Miek Gieben

As this is fork of the official Go code the same license applies:

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
  copyright notice, this list of conditions and the following disclaimer
  in the documentation and/or other materials provided with the
  distribution.
* Neither the name of Google Inc. nor the names of its
  contributors may be used to endorse or promote products derived from
  this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2015, Dave Cheney <dave@cheney.net>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

MIT LICENSE

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Copyright (c) 2016, Circonus, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name Circonus, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Copyright (c) 2016 Circonus, Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name Circonus, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Go support for Protocol Buffers - Google's data interchange format

Copyright 2010 The Go Authors. All rights reserved.
https://github.com/golang/protobuf

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

Copyright 2012 Keith Rarick

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) Yasuhiro MATSUMOTO <mattn.jp@gmail.com>

MIT License (Expat)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License

Copyright (c) 2017 Sean Chittenden
Copyright (c) 2016 Alex Dadgar

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
The MIT License (MIT)

Copyright (c) 2014 Simon Eskildsen

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

gopsutil is distributed under BSD license reproduced below.

Copyright (c) 2014, WAKAYAMA Shirou

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of the gopsutil authors nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

------

internal/common/binary.go in the gopsutil is copied and modified from golang/encoding/binary.go.

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

- Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
- Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
- Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2010-2012 The w32 Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHORS `AS IS´ AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

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 2014 Google Inc.

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

Copyright (c) 2009 The Go Authors. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# Proprietary License

This license is temporary while a more official one is drafted. However, this should make it clear:

The text contents of this website are MPL 2.0 licensed.

The design contents of this website are proprietary and may not be reproduced or reused in any way other than to run the website locally. The license for the design is owned solely by HashiCorp, Inc.

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 of MERCHANTABILITY, 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
Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
  copyright notice, this list of conditions and the following disclaimer
  in the documentation and/or other materials provided with the
  distribution.
* Neither the name of Google Inc. nor the names of its
  contributors may be used to endorse or promote products derived from
  this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
Copyright 2014, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:

* Redistributions of source code must retain the above copyright
  notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above
  copyright notice, this list of conditions and the following disclaimer
  in the documentation and/or other materials provided with the
  distribution.
* Neither the name of Google Inc. nor the names of its
  contributors may be used to endorse or promote products derived from
  this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
"AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT
OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL,
SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE,
DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY
THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE
OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

1.4 elasticsearch 5.6.5

1.5 graylog 2.4.6
1.5.1 Available under license :
GNU GENERAL PUBLIC LICENSE
Version 3, 29 June 2007

Copyright (C) 2007 Free Software Foundation, Inc. <http://fsf.org/>
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The GNU General Public License is a free, copyleft license for
software and other kinds of works.

The licenses for most software and other practical works are designed to take away your freedom to share and change the works. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change all versions of a program— to make sure it remains free software for all its users. We, the Free Software Foundation, use the GNU General Public License for most of our software; it applies also to any other work released this way by its authors. You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for them if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs, and that you know you can do these things.

To protect your rights, we need to prevent others from denying you these rights or asking you to surrender the rights. Therefore, you have certain responsibilities if you distribute copies of the software, or if you modify it: responsibilities to respect the freedom of others.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must pass on to the recipients the same freedoms that you received. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

Developers that use the GNU GPL protect your rights with two steps: (1) assert copyright on the software, and (2) offer you this License giving you legal permission to copy, distribute and/or modify it.

For the developers' and authors' protection, the GPL clearly explains that there is no warranty for this free software. For both users' and authors' sake, the GPL requires that modified versions be marked as changed, so that their problems will not be attributed erroneously to authors of previous versions.

Some devices are designed to deny users access to install or run modified versions of the software inside them, although the manufacturer can do so. This is fundamentally incompatible with the aim of protecting users' freedom to change the software. The systematic pattern of such abuse occurs in the area of products for individuals to use, which is precisely where it is most unacceptable. Therefore, we have designed this version of the GPL to prohibit the practice for those products. If such problems arise substantially in other domains, we stand ready to extend this provision to those domains in future versions.
of the GPL, as needed to protect the freedom of users.

Finally, every program is threatened constantly by software patents. States should not allow patents to restrict development and use of software on general-purpose computers, but in those that do, we wish to avoid the special danger that patents applied to a free program could make it effectively proprietary. To prevent this, the GPL assures that patents cannot be used to render the program non-free.

The precise terms and conditions for copying, distribution and modification follow.

TERMS AND CONDITIONS

0. Definitions.

"This License" refers to version 3 of the GNU General Public License.

"Copyright" also means copyright-like laws that apply to other kinds of works, such as semiconductor masks.

"The Program" refers to any copyrightable work licensed under this License. Each licensee is addressed as "you". "Licensees" and "recipients" may be individuals or organizations.

To "modify" a work means to copy from or adapt all or part of the work in a fashion requiring copyright permission, other than the making of an exact copy. The resulting work is called a "modified version" of the earlier work or a work "based on" the earlier work.

A "covered work" means either the unmodified Program or a work based on the Program.

To "propagate" a work means to do anything with it that, without permission, would make you directly or secondarily liable for infringement under applicable copyright law, except executing it on a computer or modifying a private copy. Propagation includes copying, distribution (with or without modification), making available to the public, and in some countries other activities as well.

To "convey" a work means any kind of propagation that enables other parties to make or receive copies. Mere interaction with a user through a computer network, with no transfer of a copy, is not conveying.

An interactive user interface displays "Appropriate Legal Notices" to the extent that it includes a convenient and prominently visible feature that (1) displays an appropriate copyright notice, and (2) tells the user that there is no warranty for the work (except to the
extent that warranties are provided), that licensees may convey the 
work under this License, and how to view a copy of this License. If 
the interface presents a list of user commands or options, such as a 
menu, a prominent item in the list meets this criterion.


The "source code" for a work means the preferred form of the work 
for making modifications to it. "Object code" means any non-source 
form of a work.

A "Standard Interface" means an interface that either is an official 
standard defined by a recognized standards body, or, in the case of 
interfaces specified for a particular programming language, one that 
is widely used among developers working in that language.

The "System Libraries" of an executable work include anything, other 
than the work as a whole, that (a) is included in the normal form of 
packaging a Major Component, but which is not part of that Major 
Component, and (b) serves only to enable use of the work with that 
Major Component, or to implement a Standard Interface for which an 
implementation is available to the public in source code form. A 
"Major Component", in this context, means a major essential component 
(kernel, window system, and so on) of the specific operating system 
(if any) on which the executable work runs, or a compiler used to 
produce the work, or an object code interpreter used to run it.

The "Corresponding Source" for a work in object code form means all 
the source code needed to generate, install, and (for an executable 
work) run the object code and to modify the work, including scripts to 
control those activities. However, it does not include the work's 
System Libraries, or general-purpose tools or generally available free 
programs which are used unmodified in performing those activities but 
which are not part of the work. For example, Corresponding Source 
includes interface definition files associated with source files for 
the work, and the source code for shared libraries and dynamically 
linked subprograms that the work is specifically designed to require, 
such as by intimate data communication or control flow between those 
subprograms and other parts of the work.

The Corresponding Source need not include anything that users 
can regenerate automatically from other parts of the Corresponding 
Source.

The Corresponding Source for a work in source code form is that 
same work.

2. Basic Permissions.
All rights granted under this License are granted for the term of copyright on the Program, and are irrevocable provided the stated conditions are met. This License explicitly affirms your unlimited permission to run the unmodified Program. The output from running a covered work is covered by this License only if the output, given its content, constitutes a covered work. This License acknowledges your rights of fair use or other equivalent, as provided by copyright law.

You may make, run and propagate covered works that you do not convey, without conditions so long as your license otherwise remains in force. You may convey covered works to others for the sole purpose of having them make modifications exclusively for you, or provide you with facilities for running those works, provided that you comply with the terms of this License in conveying all material for which you do not control copyright. Those thus making or running the covered works for you must do so exclusively on your behalf, under your direction and control, on terms that prohibit them from making any copies of your copyrighted material outside their relationship with you.

Conveying under any other circumstances is permitted solely under the conditions stated below. Sublicensing is not allowed; section 10 makes it unnecessary.

3. Protecting Users' Legal Rights From Anti-Circumvention Law.

No covered work shall be deemed part of an effective technological measure under any applicable law fulfilling obligations under article 11 of the WIPO copyright treaty adopted on 20 December 1996, or similar laws prohibiting or restricting circumvention of such measures.

When you convey a covered work, you waive any legal power to forbid circumvention of technological measures to the extent such circumvention is effected by exercising rights under this License with respect to the covered work, and you disclaim any intention to limit operation or modification of the work as a means of enforcing, against the work's users, your or third parties' legal rights to forbid circumvention of technological measures.


You may convey verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice; keep intact all notices stating that this License and any non-permissive terms added in accord with section 7 apply to the code; keep intact all notices of the absence of any warranty; and give all
recipients a copy of this License along with the Program.

You may charge any price or no price for each copy that you convey, and you may offer support or warranty protection for a fee.

5. Conveying Modified Source Versions.

You may convey a work based on the Program, or the modifications to produce it from the Program, in the form of source code under the terms of section 4, provided that you also meet all of these conditions:

a) The work must carry prominent notices stating that you modified it, and giving a relevant date.

b) The work must carry prominent notices stating that it is released under this License and any conditions added under section 7. This requirement modifies the requirement in section 4 to "keep intact all notices".

c) You must license the entire work, as a whole, under this License to anyone who comes into possession of a copy. This License will therefore apply, along with any applicable section 7 additional terms, to the whole of the work, and all its parts, regardless of how they are packaged. This License gives no permission to license the work in any other way, but it does not invalidate such permission if you have separately received it.

d) If the work has interactive user interfaces, each must display Appropriate Legal Notices; however, if the Program has interactive interfaces that do not display Appropriate Legal Notices, your work need not make them do so.

A compilation of a covered work with other separate and independent works, which are not by their nature extensions of the covered work, and which are not combined with it such as to form a larger program, in or on a volume of a storage or distribution medium, is called an "aggregate" if the compilation and its resulting copyright are not used to limit the access or legal rights of the compilation's users beyond what the individual works permit. Inclusion of a covered work in an aggregate does not cause this License to apply to the other parts of the aggregate.

6. Conveying Non-Source Forms.

You may convey a covered work in object code form under the terms of sections 4 and 5, provided that you also convey the machine-readable Corresponding Source under the terms of this License, in one of these ways:
a) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by the Corresponding Source fixed on a durable physical medium customarily used for software interchange.

b) Convey the object code in, or embodied in, a physical product (including a physical distribution medium), accompanied by a written offer, valid for at least three years and valid for as long as you offer spare parts or customer support for that product model, to give anyone who possesses the object code either (1) a copy of the Corresponding Source for all the software in the product that is covered by this License, on a durable physical medium customarily used for software interchange, for a price no more than your reasonable cost of physically performing this conveying of source, or (2) access to copy the Corresponding Source from a network server at no charge.

c) Convey individual copies of the object code with a copy of the written offer to provide the Corresponding Source. This alternative is allowed only occasionally and noncommercially, and only if you received the object code with such an offer, in accord with subsection 6b.

d) Convey the object code by offering access from a designated place (gratis or for a charge), and offer equivalent access to the Corresponding Source in the same way through the same place at no further charge. You need not require recipients to copy the Corresponding Source along with the object code. If the place to copy the object code is a network server, the Corresponding Source may be on a different server (operated by you or a third party) that supports equivalent copying facilities, provided you maintain clear directions next to the object code saying where to find the Corresponding Source. Regardless of what server hosts the Corresponding Source, you remain obligated to ensure that it is available for as long as needed to satisfy these requirements.

e) Convey the object code using peer-to-peer transmission, provided you inform other peers where the object code and Corresponding Source of the work are being offered to the general public at no charge under subsection 6d.

A separable portion of the object code, whose source code is excluded from the Corresponding Source as a System Library, need not be included in conveying the object code work.

A "User Product" is either (1) a "consumer product", which means any tangible personal property which is normally used for personal, family,
or household purposes, or (2) anything designed or sold for incorporation into a dwelling. In determining whether a product is a consumer product, doubtful cases shall be resolved in favor of coverage. For a particular product received by a particular user, "normally used" refers to a typical or common use of that class of product, regardless of the status of the particular user or of the way in which the particular user actually uses, or expects or is expected to use, the product. A product is a consumer product regardless of whether the product has substantial commercial, industrial or non-consumer uses, unless such uses represent the only significant mode of use of the product.

"Installation Information" for a User Product means any methods, procedures, authorization keys, or other information required to install and execute modified versions of a covered work in that User Product from a modified version of its Corresponding Source. The information must suffice to ensure that the continued functioning of the modified object code is in no case prevented or interfered with solely because modification has been made.

If you convey an object code work under this section in, or with, or specifically for use in, a User Product, and the conveying occurs as part of a transaction in which the right of possession and use of the User Product is transferred to the recipient in perpetuity or for a fixed term (regardless of how the transaction is characterized), the Corresponding Source conveyed under this section must be accompanied by the Installation Information. But this requirement does not apply if neither you nor any third party retains the ability to install modified object code on the User Product (for example, the work has been installed in ROM).

The requirement to provide Installation Information does not include a requirement to continue to provide support service, warranty, or updates for a work that has been modified or installed by the recipient, or for the User Product in which it has been modified or installed. Access to a network may be denied when the modification itself materially and adversely affects the operation of the network or violates the rules and protocols for communication across the network.

Corresponding Source conveyed, and Installation Information provided, in accord with this section must be in a format that is publicly documented (and with an implementation available to the public in source code form), and must require no special password or key for unpacking, reading or copying.

7. Additional Terms.

"Additional permissions" are terms that supplement the terms of this License by making exceptions from one or more of its conditions.
Additional permissions that are applicable to the entire Program shall be treated as though they were included in this License, to the extent that they are valid under applicable law. If additional permissions apply only to part of the Program, that part may be used separately under those permissions, but the entire Program remains governed by this License without regard to the additional permissions.

When you convey a copy of a covered work, you may at your option remove any additional permissions from that copy, or from any part of it. (Additional permissions may be written to require their own removal in certain cases when you modify the work.) You may place additional permissions on material, added by you to a covered work, for which you have or can give appropriate copyright permission.

Notwithstanding any other provision of this License, for material you add to a covered work, you may (if authorized by the copyright holders of that material) supplement the terms of this License with terms:

a) Disclaiming warranty or limiting liability differently from the terms of sections 15 and 16 of this License; or

b) Requiring preservation of specified reasonable legal notices or author attributions in that material or in the Appropriate Legal Notices displayed by works containing it; or

c) Prohibiting misrepresentation of the origin of that material, or requiring that modified versions of such material be marked in reasonable ways as different from the original version; or

d) Limiting the use for publicity purposes of names of licensors or authors of the material; or

e) Declining to grant rights under trademark law for use of some trade names, trademarks, or service marks; or

f) Requiring indemnification of licensors and authors of that material by anyone who conveys the material (or modified versions of it) with contractual assumptions of liability to the recipient, for any liability that these contractual assumptions directly impose on those licensors and authors.

All other non-permissive additional terms are considered “further restrictions” within the meaning of section 10. If the Program as you received it, or any part of it, contains a notice stating that it is governed by this License along with a term that is a further restriction, you may remove that term. If a license document contains a further restriction but permits relicensing or conveying under this License, you may add to a covered work material governed by the terms
of that license document, provided that the further restriction does not survive such relicensing or conveying.

If you add terms to a covered work in accord with this section, you must place, in the relevant source files, a statement of the additional terms that apply to those files, or a notice indicating where to find the applicable terms.

Additional terms, permissive or non-permissive, may be stated in the form of a separately written license, or stated as exceptions; the above requirements apply either way.

8. Termination.

You may not propagate or modify a covered work except as expressly provided under this License. Any attempt otherwise to propagate or modify it is void, and will automatically terminate your rights under this License (including any patent licenses granted under the third paragraph of section 11).

However, if you cease all violation of this License, then your license from a particular copyright holder is reinstated (a) provisionally, unless and until the copyright holder explicitly and finally terminates your license, and (b) permanently, if the copyright holder fails to notify you of the violation by some reasonable means prior to 60 days after the cessation.

Moreover, your license from a particular copyright holder is reinstated permanently if the copyright holder notifies you of the violation by some reasonable means, this is the first time you have received notice of violation of this License (for any work) from that copyright holder, and you cure the violation prior to 30 days after your receipt of the notice.

Termination of your rights under this section does not terminate the licenses of parties who have received copies or rights from you under this License. If your rights have been terminated and not permanently reinstated, you do not qualify to receive new licenses for the same material under section 10.


You are not required to accept this License in order to receive or run a copy of the Program. Ancillary propagation of a covered work occurring solely as a consequence of using peer-to-peer transmission to receive a copy likewise does not require acceptance. However, nothing other than this License grants you permission to propagate or modify any covered work. These actions infringe copyright if you do
not accept this License. Therefore, by modifying or propagating a covered work, you indicate your acceptance of this License to do so.

10. Automatic Licensing of Downstream Recipients.

Each time you convey a covered work, the recipient automatically receives a license from the original licensors, to run, modify and propagate that work, subject to this License. You are not responsible for enforcing compliance by third parties with this License.

An "entity transaction" is a transaction transferring control of an organization, or substantially all assets of one, or subdividing an organization, or merging organizations. If propagation of a covered work results from an entity transaction, each party to that transaction who receives a copy of the work also receives whatever licenses to the work the party's predecessor in interest had or could give under the previous paragraph, plus a right to possession of the Corresponding Source of the work from the predecessor in interest, if the predecessor has it or can get it with reasonable efforts.

You may not impose any further restrictions on the exercise of the rights granted or affirmed under this License. For example, you may not impose a license fee, royalty, or other charge for exercise of rights granted under this License, and you may not initiate litigation (including a cross-claim or counterclaim in a lawsuit) alleging that any patent claim is infringed by making, using, selling, offering for sale, or importing the Program or any portion of it.

11. Patents.

A "contributor" is a copyright holder who authorizes use under this License of the Program or a work on which the Program is based. The work thus licensed is called the contributor's "contributor version".

A contributor's "essential patent claims" are all patent claims owned or controlled by the contributor, whether already acquired or hereafter acquired, that would be infringed by some manner, permitted by this License, of making, using, or selling its contributor version, but do not include claims that would be infringed only as a consequence of further modification of the contributor version. For purposes of this definition, "control" includes the right to grant patent sublicenses in a manner consistent with the requirements of this License.

Each contributor grants you a non-exclusive, worldwide, royalty-free patent license under the contributor's essential patent claims, to make, use, sell, offer for sale, import and otherwise run, modify and propagate the contents of its contributor version.
In the following three paragraphs, a "patent license" is any express agreement or commitment, however denominated, not to enforce a patent (such as an express permission to practice a patent or covenant not to sue for patent infringement). To "grant" such a patent license to a party means to make such an agreement or commitment not to enforce a patent against the party.

If you convey a covered work, knowingly relying on a patent license, and the Corresponding Source of the work is not available for anyone to copy, free of charge and under the terms of this License, through a publicly available network server or other readily accessible means, then you must either (1) cause the Corresponding Source to be so available, or (2) arrange to deprive yourself of the benefit of the patent license for this particular work, or (3) arrange, in a manner consistent with the requirements of this License, to extend the patent license to downstream recipients. "Knowingly relying" means you have actual knowledge that, but for the patent license, your conveying the covered work in a country, or your recipient's use of the covered work in a country, would infringe one or more identifiable patents in that country that you have reason to believe are valid.

If, pursuant to or in connection with a single transaction or arrangement, you convey, or propagate by procuring conveyance of, a covered work, and grant a patent license to some of the parties receiving the covered work authorizing them to use, propagate, modify or convey a specific copy of the covered work, then the patent license you grant is automatically extended to all recipients of the covered work and works based on it.

A patent license is "discriminatory" if it does not include within the scope of its coverage, prohibits the exercise of, or is conditioned on the non-exercise of one or more of the rights that are specifically granted under this License. You may not convey a covered work if you are a party to an arrangement with a third party that is in the business of distributing software, under which you make payment to the third party based on the extent of your activity of conveying the work, and under which the third party grants, to any of the parties who would receive the covered work from you, a discriminatory patent license (a) in connection with copies of the covered work conveyed by you (or copies made from those copies), or (b) primarily for and in connection with specific products or compilations that contain the covered work, unless you entered into that arrangement, or that patent license was granted, prior to 28 March 2007.

Nothing in this License shall be construed as excluding or limiting any implied license or other defenses to infringement that may otherwise be available to you under applicable patent law.

If conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot convey a covered work so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not convey it at all. For example, if you agree to terms that oblige you to collect a royalty for further conveying from those to whom you convey the Program, the only way you could satisfy both those terms and this License would be to refrain entirely from conveying the Program.

13. Use with the GNU Affero General Public License.

Notwithstanding any other provision of this License, you have permission to link or combine any covered work with a work licensed under version 3 of the GNU Affero General Public License into a single combined work, and to convey the resulting work. The terms of this License will continue to apply to the part which is the covered work, but the special requirements of the GNU Affero General Public License, section 13, concerning interaction through a network will apply to the combination as such.

14. Revised Versions of this License.

The Free Software Foundation may publish revised and/or new versions of the GNU General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies that a certain numbered version of the GNU General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that numbered version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of the GNU General Public License, you may choose any version ever published by the Free Software Foundation.

If the Program specifies that a proxy can decide which future versions of the GNU General Public License can be used, that proxy's public statement of acceptance of a version permanently authorizes you to choose that version for the Program.

Later license versions may give you additional or different permissions. However, no additional obligations are imposed on any author or copyright holder as a result of your choosing to follow a
later version.

15. Disclaimer of Warranty.

THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY
APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT
HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY
OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO,
THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM
IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF
ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. Limitation of Liability.

IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING
WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MODIFIES AND/OR CONVEYS
THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY
GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE
USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF
DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD
PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS),
EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF
SUCH DAMAGES.

17. Interpretation of Sections 15 and 16.

If the disclaimer of warranty and limitation of liability provided
above cannot be given local legal effect according to their terms,
reviewing courts shall apply local law that most closely approximates
an absolute waiver of all civil liability in connection with the
Program, unless a warranty or assumption of liability accompanies a
copy of the Program in return for a fee.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest
possible use to the public, the best way to achieve this is to make it
free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest
to attach them to the start of each source file to most effectively
state the exclusion of warranty; and each file should have at least
the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
This program is free software: you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation, either version 3 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program. If not, see <http://www.gnu.org/licenses/>.

Also add information on how to contact you by electronic and paper mail.

If the program does terminal interaction, make it output a short notice like this when it starts in an interactive mode:

<program> Copyright (C) <year> <name of author>

This program comes with ABSOLUTELY NO WARRANTY; for details type `show w'. This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, your program's commands might be different; for a GUI interface, you would use an "about box".

You should also get your employer (if you work as a programmer) or school, if any, to sign a "copyright disclaimer" for the program, if necessary. For more information on this, and how to apply and follow the GNU GPL, see <http://www.gnu.org/licenses/>.

The GNU General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License. But first, please read <http://www.gnu.org/philosophy/why-not-lgpl.html>.

4%
m/google/auto/value/AutoValue;1org/graylog2/plugin/security/AutoValue_Permission$'org/graylog2/plugin/security/Permission';java/lang/Object;'(Ljava/lang/String;Ljava/lang/String;);V//'*/

s
s>
Y*+(n

s
s
3)
9::
9<=>?>@A
BCD
EFGHIJK
precedenceLjava/lang/Integer;grantsAndDenialsLjava/util/Set;
SignatureCLjava/util/Set<org/apache/directory/api/ldap/aci/GrantAndDenial>;grantsdenials<init>;(Ljava/lang/Integer;Ljava/util/Collection;)VCodeLineNumberTableLocalVariableTable2org/apache/directory/api/ldap/aci/Permission;this.Lorg/apache/directory/api/ldap/aci/Permission
tmpGrantsAndDenials
tmpGrants
tmpDenialsLocalVariableTypeTableJLjava/util/Collection<Lorg/apache/directory/api/ldap/aci/GrantAndDenial;>;grantsdenials<init>,(Ljava/lang/Integer;Ljava/util/Collection;)V
getPrecedence(Ljava/lang/Integer;getGrantsAndDenials()Ljava/util/Set;E()Ljava/util/Set<Lorg/apache/directory/api/ldap/aci/GrantAndDenial;>;getGrants
denials
SourceFilePermission.javaPjava/util/HashSetMQROSTUV0org/apache/directory/api/ldap/aci/GrantAndDenialWTNX
XYZ\org/apache/directory/api/ldap/aci/Permission;java/lang/Object';java/lang/Integer;java/util/Collection;
java/util/Setjava/util/Iterator();java/util/Iterator;hasNext();next();Ljava/lang/Object;isGrantadd(Ljava/lang/Object;)Z
W
W-
W**
**->?;>@BADIFVJMiNiPuQ-RSHA( !"#v$m$#d%&-*v$m$#d%((+)*/,-*.0/]*!23/*h!453/*s!463/*
~!478
2implies&(Lorg/apache/shiro/authz/Permission;)Z
SourceFilePermission.java!org/apache/shiro/authz/permission/WildcardPermissionResolver;resolvePermission7(Ljava/lang/String;Lorg/apache/shiro/authz/Permission;permissionStringLjava/lang/String;
SourceFileWildcardPermissionResolver.java4org/apache/shiro/authz/permission/WildcardPermissionResolver;Lorg/apache/shiro/authz/permission/WildcardPermissionResolverjava/lang/Object4org/apache/shiro/authz/permission/WildcardPermissionResolver(Ljava/lang/String;)V//'*/

=Y+)
)
Open Source Used In OneID 1.0.1
resolvePermissionsInRole*(Ljava/lang/String;)Ljava/util/Collection;
SignatureO(Ljava/lang/String;)Ljava/util/Collection<Lorg/apache/shiro/authz/Permission;>; SourceFileRolePermissionResolver.java8org/apache/shiro/authz/permission/RolePermissionResolverjava/lang/Object
2 resolvePermission7(Ljava/lang/String;)Lorg/apache/shiro/authz/Permission;
SourceFilePermissionResolver.java4org/apache/shiro/authz/permission/PermissionResolverjava/lang/Object
2 +qr
s
t
uv
wxy
z
{|}
~
q
~ww

#WILDCARD_TOKENjava/lang/String;
ConstantValuePART_DIVIDER_TOKENSUBPART_DIVIDER_TOKENDEFAULT_CASE_SENSITIVEZpartsLjav
a/util/List;
Signature5Ljava/util/List<Ljava/util/Set<Ljava/lang/String;>;>;<init>()VCodeLineNumberTableLocalVariableTabl
ethis6Lorg/apache/shiro/authz/permission/WildcardPermission;(Ljava/lang/String;)VwildcardString(Ljava/lang/String;Z)V
caseSensitivesetPartssubpartsLjava/util/Set;partLocalVariableTypeTable#Ljava/util/Set<Ljava/lang/String;>;$Ljava
/util/List<Ljava/lang/String;>
StackMapTablegetParts()Ljava/util/List;7()Ljava/util/List<Ljava/util/Set<Ljava/lang/String;>;>;(Ljava/util/List;)V8
(Ljava/util/List<Ljava/lang/String;>;equals(Ljava/lang/Object;)ZoLjava/lang/Object;hashCode()I
CaseFileWildcardPermission.java:;4org/apache/shiro/authz/permission/WildcardPermission:CEC"java/lang/Illega
lArgumentException]Wildcard string cannot be null or empty. Make sure permission strings are properly
formatted.:Ab:java/util/ArrayList67java/lang/String,mWildcard string cannot contain parts with only dividers. Make
sure permission strings are properly formatted. The wildcard string cannot contain only dividers. Make sure permission strings are properly formatted.

```java
permissionString(java/lang/String);<init>(Ljava/lang/String;Ljava/lang/String;)V
```

```java
setPermissionResolver9(Lorg/apache/shiro/authz/permission/PermissionResolver;)V
```

```java
setRolePermissionResolver=(Lorg/apache/shiro/authz/permission/RolePermissionResolver;)V
```

```java
RolePermissionResolverAware.java
```

```java
AllPermission.java
```

```java
Serializable.java
```

```java
SourceFile
```

```java
indexOf
```

```java
charAt
```

```java
toString
```

```java
Class
```

```java
null
```

```java
true
```

```java
false
```

```java
null
```

```java
permissionString(java/lang/String);
```

```java
setPermissionResolver9(Lorg/apache/shiro/authz/permission/PermissionResolver;)V
```

```java
setRolePermissionResolver=(Lorg/apache/shiro/authz/permission/RolePermissionResolver;)V
```

```java
RolePermissionResolverAware.java
```

```java
AllPermission.java
```

```java
Serializable.java
```

```java
SourceFile
```

```java
indexOf
```

```java
charAt
```

```java
toString
```

```java
Class
```

```java
null
```

```java
true
```

```java
false
```

```java
null
```
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.

Bean Validation API

License: Apache License, Version 2.0
See the license.txt file in the root directory or <http://www.apache.org/licenses/LICENSE-2.0>.

Apache Velocity

Copyright (C) 2000-2007 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
2hE
FG+H
I
JKL
M
NO!PQ
RS#TUV$WXY%Z])))
_"FullControl,Lcom/amazonaws/services/s3/model/Permission;ReadWriteReadAcpWriteAcppermissionStringLjava
$lang/"String;
headerName$VALUES-
[Lcom/amazonaws/services/s3/model/Permission;values;//]Lcom/amazonaws/services/s3/model/Permission;CodeLi
neNumberTablevalueOf@(Ljava/lang/String;)Lcom/amazonaws/services/s3/model/Permission;LocalVariableTable
name<"init>::(Ljava/lang/String;ILjava/lang/String;Ljava/lang/String;)Vthis
Signature'(Ljava/lang/String;Ljava/lang/String;):Ljava/lang/Enum<Lcom/amazonaws/services/s3/model/Permission;>
getHeaderName()Ljava/lang/String;toStringparsePermission
permissionstr
StackMapTable<clinit>()V>Ljava/lang/Enum<Lcom/amazonaws/services/s3/model/Permission;>;>
SourceFilePermission.java*++ab"com/amazonaws/services/s3/model/Permission0c4d'(.,-efgFULL_CONTROLx-
amz-grant-full-control45!"READx-amz-grant-read#"WRITEx-amz-grant-write$"READ_ACPx-amz-grant-read-
acp&"java/lang/Enumclone()Ljava/lang/Object;5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Enum;(Ljava/lang/
String;1)Vjava/lang/Stringequals(Ljava/lang/Object;)Z@1@!"##"%"&"&&"()(*+	,-."/01.4
*/2
3(45.*+*-*/JKLM2 6""()789.:/.S26"::./m"26<1.*L+=>+2:* /
/pqr"p(2="">(?@A.Y
YYYYYSYSYSYSYSYSY/"038DEU7BCD
3 paragraphs()

SourceFileLicense.java

Licensed under the MPL. See http://www.rabbitmq.com

Apache Commons Collections
Copyright 2001-2013 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

Apache Shiro :: Core
Copyright 2004-2017 The Apache Software Foundation

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).

The person or persons who have associated work with this document (the
"Dedicator" or "Certifier") hereby either (a) certifies that, to the best of
his knowledge, the work of authorship identified is in the public domain of
the country from which the work is published, or (b) hereby dedicates whatever
copyright the dedicators holds in the work of authorship identified below (the
"Work") to the public domain. A certifier, moreover, dedicates any copyright
interest he may have in the associated work, and for these purposes, is
described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this
work. Certifier recognizes that his good faith efforts may not shield him from
liability if in fact the work certified is not in the public domain.
Dedicator makes this dedication for the benefit of the public at large and to the detriment of the Dedicator's heirs and successors. Dedicator intends this dedication to be an overt act of relinquishment in perpetuity of all present and future rights under copyright law, whether vested or contingent, in the Work. Dedicator understands that such relinquishment of all rights includes the relinquishment of all rights to enforce (by lawsuit or otherwise) those copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be freely reproduced, distributed, transmitted, used, modified, built upon, or otherwise exploited by anyone for any purpose, commercial or non-commercial, and in any way, including by methods that have not yet been invented or conceived.

Copyright 2008, Google Inc.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Google Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Code generated by the Protocol Buffer compiler is owned by the owner of the input file used when generating it. This code is not standalone and requires a support library to be linked with it. This support library is itself covered by the above license.

/*
 * Copyright (c) 2004-2007 QOS.ch
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
The person or persons who have associated work with this document (the
"Dedicator" or "Certifier") hereby either (a) certifies that, to the best of
his knowledge, the work of authorship identified is in the public domain of
the country from which the work is published, or (b) hereby dedicates whatever
copyright the dedicators holds in the work of authorship identified below (the
"Work") to the public domain. A certifier, moreover, dedicates any copyright
interest he may have in the associated work, and for these purposes, is
described as a "dedicator" below.

A certifier has taken reasonable steps to verify the copyright status of this
work. Certifier recognizes that his good faith efforts may not shield him from
liability if in fact the work certified is not in the public domain.

Dedicator makes this dedication for the benefit of the public at large and to
the detriment of the Dedicator's heirs and successors. Dedicator intends this
dedication to be an overt act of relinquishment in perpetuate of all present
and future rights under copyright law, whether vested or contingent, in the
Work. Dedicator understands that such relinquishment of all rights includes
the relinquishment of all rights to enforce (by lawsuit or otherwise) those
copyrights in the Work.

Dedicator recognizes that, once placed in the public domain, the Work may be
freely reproduced, distributed, transmitted, used, modified, built upon, or
otherwise exploited by anyone for any purpose, commercial or non-commercial,
and in any way, including by methods that have not yet been invented or
conceived.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301  USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.
Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.
2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under
the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.
c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.
This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENdered INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, 5th Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
(BSD License: http://www.opensource.org/licenses/bsd-license)

Copyright (c) 2011, Joe Walnes, Aslak Hellesy and contributors
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of the Webbit nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright (c) 2000,2001,2002,2003,2004 ymnk, JCraft,Inc. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The names of the authors may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL JCRAFT, INC. OR ANY CONTRIBUTORS TO THIS SOFTWARE BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The MIT License (MIT)

Copyright (c) 2000 - 2013 The Legion of the Bouncy Castle Inc.
(http://www.bouncycastle.org)

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Apache Kafka
Copyright 2015 The Apache Software Foundation.

This product includes software developed at
The Apache Software Foundation (http://www.apache.org/).
HEAR YE, HEAR YE!

All of the .java software and associated documentation about SAX in this repository are distributed freely in the public domain.

LICENSE.sax.txt covers all software and documentation from the megginston.com including the following in the xml-commons project:

xml-commons/java/external/src/org/xml/sax
and all subdirectories
xml-commons/java/external/xdocs/sax
and all subdirectories

The actual SAX classes in xml-commons came from:
http://www.megginston.com/Software/index.html
The original versions are tagged 'SAX-2_0-r2-prerelease'

See README.txt for additional licensing information.

/* ====================================================================
 * The Apache Software License, Version 1.1
 *
 * Copyright (c) 2001-2002 The Apache Software Foundation.  All rights
 * reserved.
 *
 * Redistribution and use in source and binary forms, with or without
 * modification, are permitted provided that the following conditions
 * are met:
 *
 * 1. Redistributions of source code must retain the above copyright
 * notice, this list of conditions and the following disclaimer.
 *
 * 2. Redistributions in binary form must reproduce the above copyright
 * notice, this list of conditions and the following disclaimer in
 * the documentation and/or other materials provided with the
 * distribution.
 *
 * 3. The end-user documentation included with the redistribution,
 * if any, must include the following acknowledgment:
 * "This product includes software developed by the
 * Apache Software Foundation (http://www.apache.org/)."
* Alternately, this acknowledgment may appear in the software itself, 
* if and wherever such third-party acknowledgments normally appear. 
* 
* 4. The names "Apache" and "Apache Software Foundation" must 
* not be used to endorse or promote products derived from this 
* software without prior written permission. For written 
* permission, please contact apache@apache.org. 
* 
* 5. Products derived from this software may not be called "Apache", 
* nor may "Apache" appear in their name, without prior written 
* permission of the Apache Software Foundation. 
* 
* THIS SOFTWARE IS PROVIDED ``AS IS'' AND ANY EXPRESSED OR IMPLIED 
* WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES 
* OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE 
* DISCLAIMED. IN NO EVENT SHALL THE APACHE SOFTWARE FOUNDATION OR 
* ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, 
* SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT 
* LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF 
* USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND 
* ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, 
* OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT 
* OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF 
* SUCH DAMAGE.
* 
* This software consists of voluntary contributions made by many 
* individuals on behalf of the Apache Software Foundation. For more 
* information on the Apache Software Foundation, please see 
* /
* This license came from: http://www.megginson.com/SAX/copying.html 
* However please note future versions of SAX may be covered 
* under http://saxproject.org/?selected=pd
* 
* This page is now out of date -- see the new SAX site at 
* http://www.saxproject.org/ for more up-to-date 
* releases and other information. Please change your bookmarks.
* 
* SAX2 is Free!
* 
* I hereby abandon any property rights to SAX 2.0 (the Simple API for 
* XML), and release all of the SAX 2.0 source code, compiled code, and
HEAR YE, HEAR YE!

All of the .java software and associated documentation about
the DOM in this repository are distributed under the license
from the W3C, which is provided herein.

LICENSE.dom-software.txt covers all software from the W3C
including the following items in the xml-commons project:

    xml-commons/java/external/src/org/w3c
    and all subdirectories

LICENSE.dom-documentation.txt covers all documentation from the W3C
including the following items in the xml-commons project:

    xml-commons/java/external/xdocs/dom
    and all subdirectories

The actual DOM Java Language Binding classes in xml-commons came from:
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Core-20001113/java-binding.html
The original versions are tagged 'DOM_LEVEL_2'

The specification of DOM Level 2's various parts is at:
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Core-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Views-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Events-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Style-20001113/
    http://www.w3.org/TR/2000/REC-DOM-Level-2-Traversal-Range-20001113/

This license came from: http://www.w3.org/Consortium/Legal/copyright-software-19980720

W3C SOFTWARE NOTICE AND LICENSE
Copyright 1994-2001 World

This W3C work (including software, documents, or other related items) is being provided by the copyright holders under the following license. By obtaining, using and/or copying this work, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:
Permission to use, copy, modify, and distribute this software and its documentation, with or without modification, for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the software and documentation or portions thereof, including modifications, that you make:

The full text of this NOTICE in a location viewable to users of the redistributed or derivative work.

Any pre-existing intellectual property disclaimers, notices, or terms and conditions. If none exist, a short notice of the following form (hypertext is preferred, text is permitted) should be used within the body of any redistributed or derivative code:

Notice of any changes or modifications to the W3C files, including the date changes were made. (We recommend you provide URIs to the location from which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS. COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without
HEAR YE, HEAR YE!

Software and documentation in this repository are covered under a number of different licenses.

Most files under xml-commons/java/external/ are covered under their respective LICENSE.*.txt files; see the matching README.*.txt files for descriptions.

Note that xml-commons/java/external/build.xml and xml-commons/java/external/src/manifest.commons are both covered under the Apache Software License.

All files not otherwise noted are covered under the Apache Software License in LICENSE.txt including all files under xml-commons/java/src

This license came from: http://www.w3.org/Consortium/Legal/copyright-documents-19990405

W3C DOCUMENT NOTICE AND LICENSE
Public documents on the W3C site are provided by the copyright holders under the following license. The software or Document Type Definitions (DTDs) associated with W3C specifications are governed by the Software Notice. By using and/or copying this document, or the W3C document from which this statement is linked, you (the licensee) agree that you have read, understood, and will comply with the following terms and conditions:

Permission to use, copy, and distribute the contents of this document, or the W3C document from which this statement is linked, in any medium for any purpose and without fee or royalty is hereby granted, provided that you include the following on ALL copies of the document, or portions thereof, that you use:

A link or URL to the original W3C document.

The pre-existing copyright notice of the original author, or if it doesn't exist, a notice of the form: "Copyright [Sdate-of-document] World Wide Web Consortium, (Massachusetts Institute of Technology, Institut National de Recherche en Informatique et en Automatique, Keio University). All Rights Reserved. http://www.w3.org/Consortium/Legal/" (Hypertext is preferred, but a textual representation is permitted.)

If it exists, the STATUS of the W3C document.

When space permits, inclusion of the full text of this NOTICE should be provided. We request that authorship attribution be provided in any software, documents, or other items or products that you create pursuant to the implementation of the contents of this document, or any portion thereof.

No right to create modifications or derivatives of W3C documents is granted pursuant to this license. However, if additional requirements (documented in the Copyright FAQ) are satisfied, the right to create modifications or derivatives issometimes granted by the W3C to individuals complying with those requirements.
THIS DOCUMENT IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE NO
REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT
NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE, NON-INFRINGEMENT, OR TITLE; THAT THE CONTENTS
OF THE DOCUMENT ARE SUITABLE FOR ANY PURPOSE; NOR THAT THE
IMPLEMENTATION OF SUCH CONTENTS WILL NOT INFRINGE ANY THIRD PARTY
PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.
COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT,
SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE
DOCUMENT OR THE PERFORMANCE OR IMPLEMENTATION OF THE CONTENTS
THEREOF.

The name and trademarks of copyright holders may NOT be used in
advertising or publicity pertaining to this document or its
contents without specific, written prior permission. Title to
copyright in this document will at all times remain with copyright
holders.

This formulation of W3C's notice and license became active on
April 05 1999 so as to account for the treatment of DTDs, schema's and
bindings. See the older formulation for the policy prior to this date.
Please see
our Copyright FAQ for common questions
about using materials from our site, including specific terms and
conditions for packages like libwww, Amaya, and Jigsaw.
Other questions about this notice can be directed to site-policy@w3.org.

webmaster
(last updated by reagle on 1999/04/99.)
3name()Ljava/lang/String;urlAnnotationDefault
SourceFileLicense.javaRuntimeVisibleAnnotationsLjava/lang/annotation/Target;value"Ljava/lang/annotation/Element
Type;ANNOTATION_TYPE
Ljava/lang/annotation/Retention;&Ljava/lang/annotation/RetentionPolicy;RUNTIMEio/swagger/annotations/Licens
ejava/lang/Objectjava/lang/annotation/Annotation&s

eaeio: UUID - an implementation of the UUID specification
Copyright (c) 2003-2009 Johann Burkard (jb@eaio.com) http://eaio.com.

Permission is hereby granted, free of charge, to any person obtaining a
copy of this software and associated documentation files (the "Software"),
to deal in the Software without restriction, including without limitation
the rights to use, copy, modify, merge, publish, distribute, sublicense,
and/or sell copies of the Software, and to permit persons to whom the
Software is furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.6 influxdb 1.2.4
1.6.1 Available under license:
The MIT License (MIT)

Copyright (c) 2013-2016 Errplane Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

1.7 keycloak 3.4.3
1.7.1 Available under license:
Copyright JS Foundation and other contributors, https://js.foundation/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/jquery

The following license applies to all parts of this software except as
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

All files located in the node_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.
Copyright jQuery Foundation and other contributors, https://jquery.org/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/sizzle

The following license applies to all parts of this software except as documented below:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

====

All files located in the node_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

Copyright 2010 James Halliday (mail@substack.net)

This project is free software released under the MIT/X11 license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This software is released under the MIT license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
Copyright (c) 2013-2017 The angular-translate team and Pascal Precht

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License

Copyright (c) 2016 it-ailen

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
The MIT License (MIT)

Copyright (c) 2014 jacoborus

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

/*
 * JBoss, Home of Professional Open Source.
 * Copyright 2016 Red Hat, Inc., and individual contributors
 * as indicated by the @author tags.
 *
 * 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.
 */

package org.keycloak.authorization.protection.permission.representation;

import com.fasterxml.jackson.annotation.JsonProperty;
import java.util.Arrays;
import java.util.HashSet;
import java.util.Set;

import java.util.Arrays;
import java.util.HashSet;
import java.util.Set;

ing public class PermissionRepresentation {
    @JsonProperty("permission")
    private String permission;
    @JsonProperty("realm")
    private String realm;
    @JsonProperty("principal")
    private String principal;
    @JsonProperty("resource")
    private String resource;
    @JsonProperty("action")
    private String action;
    @JsonProperty("scope")
    private String scope;
    @JsonProperty("scopeId")
    private String scopeId;

    public PermissionRepresentation(String permission, String realm, String principal, String resource, String action, String scope, String scopeId) {
        this.permission = permission;
        this.realm = realm;
        this.principal = principal;
        this.resource = resource;
        this.action = action;
        this.scope = scope;
        this.scopeId = scopeId;
    }

    public String getPermission() {
        return permission;
    }

    public String getRealm() {
        return realm;
    }

    public String getPrincipal() {
        return principal;
    }

    public String getResource() {
        return resource;
    }

    public String getAction() {
        return action;
    }

    public String getScope() {
        return scope;
    }

    public String getScopeId() {
        return scopeId;
    }

    @Override
    public boolean equals(Object o) {
        if (this == o) return true;
        if (o == null || getClass() != o.getClass()) return false;
        PermissionRepresentation that = (PermissionRepresentation) o;
        return Objects.equals(permission, that.permission) && Objects.equals(realm, that.realm) &&
               Objects.equals(principal, that.principal) && Objects.equals(resource, that.resource) &&
               Objects.equals(action, that.action) && Objects.equals(scope, that.scope) &&
               Objects.equals(scopeId, that.scopeId);
    }

    @Override
    public int hashCode() {
        return Objects.hash(permission, realm, principal, resource, action, scope, scopeId);
    }

    @Override
    public String toString() {
        return "PermissionRepresentation{" + "permission=" + permission + ", " + "realm=" + realm + ", " + "principal=" + principal + ", " + "resource=" + resource + ", " + "action=" + action + ", " + "scope=" + scope + ", " + "scopeId=" + scopeId + "}";
    }
}
/**
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */

public class PermissionRequest {

    @JsonProperty("resource_set_id")
    private final String resourceSetId;

    @JsonProperty("resource_set_name")
    private final String resourceSetName;

    private final Set<String> scopes;

    public PermissionRequest(String resourceSetId, String... scopes) {
        this.resourceSetId = resourceSetId;

        if (scopes != null) {
            this.scopes = new HashSet<>(Arrays.asList(scopes));
        } else {
            this.scopes = new HashSet<>();
        }

        this.resourceSetName = null;
    }

    public PermissionRequest() {
        this(null, null);
    }

    public String getResourceSetId() {
        return this.resourceSetId;
    }

    public String getResourceSetName() {
        return resourceSetName;
    }

    public Set<String> getScopes() {
        return this.scopes;
    }
}

The MIT License

Copyright (c) 2012 the AngularUI Team, http://angular-ui.github.com

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
The MIT License (MIT)

Copyright (c) 2011-2016 Twitter, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in
all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN
THE SOFTWARE.
The MIT License (MIT)

Copyright (c) 2013 danialfarid

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.
THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright 2014 Igor Vaynberg

Version: @@ver@@ Timestamp: @@timestamp@@

This software is licensed under the Apache License, Version 2.0 (the "Apache License") or the GNU General Public License version 2 (the "GPL License"). You may choose either license to govern your use of this software only upon the condition that you accept all of the terms of either the Apache License or the GPL License.

You may obtain a copy of the Apache License and the GPL License at:

http://www.apache.org/licenses/LICENSE-2.0
http://www.gnu.org/licenses/gpl-2.0.html

Unless required by applicable law or agreed to in writing, software distributed under the Apache License or the GPL Licensse is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Apache License and the GPL License for the specific language governing permissions and limitations under the Apache License and the GPL License.

/*
 * JBoss, Home of Professional Open Source.
 * Copyright 2016 Red Hat, Inc., and individual contributors
 * as indicated by the @author tags.
 *
 * 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.
 */
package org.keycloak.authorization.permission.evaluator;

import java.util.List;

import org.keycloak.authorization.Decision;

import java.util.List;

import org.keycloak.authorization.Decision;
import org.keycloak.authorization.policy.evaluation.Result;

/**
 * An {@link PermissionEvaluator} represents a source of {@link org.keycloak.authorization.permission.ResourcePermission}, responsible for emitting these permissions
 * to a consumer in order to evaluate the authorization policies based on a {@link org.keycloak.authorization.policy.evaluation.EvaluationContext}.
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */

public interface PermissionEvaluator {

    void evaluate(Decision decision);

    List<Result> evaluate();

}
class IterablePermissionEvaluator implements PermissionEvaluator {

    private final Iterator<ResourcePermission> permissions;
    private final EvaluationContext executionContext;
    private final PolicyEvaluator policyEvaluator;

    IterablePermissionEvaluator(Iterator<ResourcePermission> permissions, EvaluationContext executionContext, PolicyEvaluator policyEvaluator) {
        this.permissions = permissions;
        this.executionContext = executionContext;
        this.policyEvaluator = policyEvaluator;
    }

    @Override
    public void evaluate(Decision decision) {
        try {
            while (this.permissions.hasNext()) {
                this.policyEvaluator.evaluate(this.permissions.next(), this.executionContext, decision);
            }
            decision.onComplete();
        } catch (Throwable cause) {
            decision.onError(cause);
        }
    }

    @Override
    public List<Result> evaluate() {
        AtomicReference<List<Result>> result = new AtomicReference<>();
        evaluate(new DecisionResultCollector() {
            @Override
            public void onError(Throwable cause) {
                throw new RuntimeException("Failed to evaluate permissions", cause);
            }
            @Override
            protected void onComplete(List<Result> results) {
                result.set(results);
            }
        });
        return result.get();
    }
}
/*
 * JBoss, Home of Professional Open Source.
 * Copyright 2016 Red Hat, Inc., and individual contributors
 * as indicated by the @author tags.
 */
package org.keycloak.authorization.permission.evaluator;

import java.util.List;

import org.keycloak.authorization.permission.ResourcePermission;
import org.keycloak.authorization.policy.evaluation.DefaultPolicyEvaluator;
import org.keycloak.authorization.policy.evaluation.EvaluationContext;

/**
 * A factory for the different [PermissionEvaluator] implementations.
 *
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */
public final class Evaluators {

    private final DefaultPolicyEvaluator policyEvaluator;

    public Evaluators(DefaultPolicyEvaluator policyEvaluator) {
        this.policyEvaluator = policyEvaluator;
    }

    public PermissionEvaluator from(List<ResourcePermission> permissions, EvaluationContext evaluationContext) {
        return schedule(permissions, evaluationContext);
    }

    public PermissionEvaluator schedule(List<ResourcePermission> permissions, EvaluationContext evaluationContext) {
        return new IterablePermissionEvaluator(permissions.iterator(), evaluationContext, this.policyEvaluator);
    }

    @**
    * JBoss, Home of Professional Open Source.
    * Copyright 2016 Red Hat, Inc., and individual contributors
    */
}
package org.keycloak.authorization.permission;

import org.keycloak.authorization.model.Resource;
import org.keycloak.authorization.model.ResourceServer;
import org.keycloak.authorization.model.Scope;
import java.util.Collections;
import java.util.List;

/**
 * Represents a permission for a given resource.
 *
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */
public class ResourcePermission {

    private final Resource resource;
    private final List<Scope> scopes;
    private ResourceServer resourceServer;

    public ResourcePermission(Resource resource, List<Scope> scopes, ResourceServer resourceServer) {
        this.resource = resource;
        this.scopes = scopes;
        this.resourceServer = resourceServer;
    }

    /**
     * Returns the resource to which this permission applies.
     *
     * @return the resource to which this permission applies
     */
    public Resource getResource() {
        return this.resource;
    }
}
The D-Bus Java implementation is licensed to you under your choice of the Academic Free License version 2.1, or the GNU Lesser/Library General Public License version 2. Both licenses are included here. Each source code file is marked with the proper copyright information.

The Academic Free License
v. 2.1

This Academic Free License (the "License") applies to any original work of authorship (the "Original Work") whose owner (the "Licensor") has placed the following notice immediately following the copyright notice for the Original Work:

Licensed under the Academic Free License version 2.1

1) Grant of Copyright License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license to do the following:

a) to reproduce the Original Work in copies;

b) to prepare derivative works ("Derivative Works") based upon the Original Work;

c) to distribute copies of the Original Work and Derivative Works to the public;

d) to perform the Original Work publicly; and
e) to display the Original Work publicly.

2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.

5) This section intentionally omitted.

6) Attribution Rights. You must retain, in the Source Code of any Derivative Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms
of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately proceeding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NON-INFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor’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.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging patent infringement by combinations of the Original Work with other software or hardware.

11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the
requirements and penalties of the U.S. Copyright Act, 17 U.S.C. 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys’ fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (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.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved. Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.

---

END OF ACADEMIC FREE LICENSE. The following is intended to describe the essential differences between the Academic Free License (AFL) version 1.0 and other open source licenses:

The Academic Free License is similar to the BSD, MIT, UoI/NCSA and Apache licenses in many respects but it is intended to solve a few problems with those licenses.

* The AFL is written so as to make it clear what software is being licensed (by the inclusion of a statement following the copyright notice in the software). This way, the license functions better than a template license. The
BSD, MIT and UoI/NCSA licenses apply to unidentified software.

* The AFL contains a complete copyright grant to the software. The BSD and Apache licenses are vague and incomplete in that respect.

* The AFL contains a complete patent grant to the software. The BSD, MIT, UoI/NCSA and Apache licenses rely on an implied patent license and contain no explicit patent grant.

* The AFL makes it clear that no trademark rights are granted to the licensor's trademarks. The Apache license contains such a provision, but the BSD, MIT and UoI/NCSA licenses do not.

* The AFL includes the warranty by the licensor that it either owns the copyright or that it is distributing the software under a license. None of the other licenses contain that warranty. All other warranties are disclaimed, as is the case for the other licenses.

* The AFL is itself copyrighted (with the right granted to copy and distribute without modification). This ensures that the owner of the copyright will control changes. The Apache license contains a copyright notice, but the BSD, MIT and UoI/NCSA licenses do not.

--
START OF GNU LIBRARY GENERAL PUBLIC LICENSE
--

GNU LIBRARY GENERAL PUBLIC LICENSE

    Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA  02110-1301  USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL.  It is
numbered 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it.  By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some
specially designated Free Software Foundation software, and to any
other libraries whose authors decide to use it.  You can use it for
When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor’s protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors’ reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don’t assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that...
they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that,
in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.
4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable “work that uses the Library”, as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you
7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

   a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

   b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free
programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.> Copyright (C) <year> <name of author>
This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
/*
 * Copyright 2016 Red Hat, Inc. and/or its affiliates
 * and other contributors as indicated by the @author tags.
 *
 * 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.
 */
package org.keycloak.testsuite.console.page.clients.authorization.permission;

import org.keycloak.representations.idm.authorization.DecisionStrategy;
import org.keycloak.representations.idm.authorization.ResourcePermissionRepresentation;
import org.keycloak.testsuite.console.page.fragment.ModalDialog;
import org.keycloak.testsuite.console.page.fragment.MultipleStringSelect2;
import org.keycloak.testsuite.console.page.fragment.OnOffSwitch;
import org.keycloak.testsuite.page.Form;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.ui.Select;

/**
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */
public class ResourcePermissionForm extends Form {

    @FindBy(id = "name")
    private WebElement name;

    @FindBy(id = "description")
    private WebElement description;

    @FindBy(id = "decisionStrategy")
    private Select decisionStrategy;

    @FindBy(xpath = ".//div[@class='onoffswitch' and ./input[@id='applyToResourceTypeFlag']]"
    )
    private OnOffSwitch resourceTypeSwitch;

    @FindBy(id = "resourceType")
    private WebElement resourceType;

    @FindBy(xpath = "/i[contains(@class,'pficon-delete')]"
    )
    private WebElement deleteButton;

    @FindBy(xpath = "/div[@class='modal-dialog']"
    )
    protected ModalDialog modalDialog;

    @FindBy(id = "s2id_policies")
    private MultipleStringSelect2 policySelect;

    @FindBy(id = "s2id_resources")
    private MultipleStringSelect2 resourceSelect;

    public void populate(ResourcePermissionRepresentation expected) {
        setInputValue(name, expected.getName());
        setInputValue(description, expected.getDescription());
        decisionStrategy.selectByValue(expected.getDecisionStrategy().name());
        resourceTypeSwitch.setOn(expected.getResourceType() != null);
        if (expected.getResourceType() != null) {
            decisionStrategy.selectByValue(expected.getDecisionStrategy().name());
        }
    }
}
setInputValue(resourceType, expected.getResourceType());
} else {
    resourceTypeSwitch.setOn(false);
    resourceSelect.update(expected.getResources());
}

policySelect.update(expected.getPolicies());

save();
}

public void delete() {
    deleteButton.click();
    modalDialog.confirmDeletion();
}

public ResourcePermissionRepresentation toRepresentation() {
    ResourcePermissionRepresentation representation = new ResourcePermissionRepresentation();

    representation.setName(getInputValue(name));
    representation.setDescription(getInputValue(description));
    representation.setDecisionStrategy(DecisionStrategy.valueOf(decisionStrategy.getFirstSelectedOption().getText().toUpperCase()));
    representation.setPolicies(policySelect.getSelected());

    String inputValue = getInputValue(resourceType);
    if (!"".equals(inputValue)) {
        representation.setResourceType(inputValue);
    }

    representation.setResources(resourceSelect.getSelected());

    return representation;
}
*/

/*
 * JBoss, Home of Professional Open Source.
 * Copyright 2016 Red Hat, Inc., and individual contributors
 * as indicated by the @author tags.
 *
 * 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,
package org.keycloak.authorization.protection.permission.representation;

/**
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */
public class PermissionResponse {

    private final String ticket;

    public PermissionResponse(String ticket) {
        this.ticket = ticket;
    }

    public PermissionResponse() {
        this(null);
    }

    public String getTicket() {
        return this.ticket;
    }
}

package org.keycloak.testsuite.console.page.clients.authorization.permission;

import java.util.Set;
import java.util.function.Function;
import org.keycloak.representations.idm.authorization.DecisionStrategy;

* 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.
*/
import org.keycloak.representations.idm.authorization.ScopePermissionRepresentation;
import org.keycloak.testsuite.console.page.fragment.ModalDialog;
import org.keycloak.testsuite.console.page.fragment.MultipleStringSelect2;
import org.keycloak.testsuite.console.page.fragment.SingleStringSelect2;
import org.keycloak.testsuite.page.Form;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.ui.Select;

/**
 * @author <a href=mailto:psilva@redhat.com>Pedro Igor</a>
 */
public class ScopePermissionForm extends Form {

    @FindBy(id = "name")
    private WebElement name;

    @FindBy(id = "description")
    private WebElement description;

    @FindBy(id = "decisionStrategy")
    private Select decisionStrategy;

    @FindBy(xpath = "//i[contains(@class,'pficon-delete')]")
    private WebElement deleteButton;

    @FindBy(xpath = "//div[@class='modal-dialog']")
    protected ModalDialog modalDialog;

    @FindBy(id = "s2id_policies")
    private MultipleStringSelect2 policySelect;

    @FindBy(id = "s2id_scopes")
    private MultipleStringSelect2 scopeSelect;

    @FindBy(id = "s2id_resourceScopes")
    private MultipleStringSelect2 resourceScopeSelect;

    @FindBy(id = "s2id_resources")
    private ResourceSelect resourceSelect;

    public void populate(ScopePermissionRepresentation expected) {
        setInputValue(name, expected.getName());
        setInputValue(description, expected.getDescription());
        decisionStrategy.selectByValue(expected.getDecisionStrategy().name());
        Set<String> resources = expected.getResources();
if (resources != null && !resources.isEmpty()) {
    resourceSelect.update(resources);
    resourceScopeSelect.update(expected.getScopes());
} else {
    scopeSelect.update(expected.getScopes());
}

policySelect.update(expected.getPolicies());

save();
}

public void delete() {
    deleteButton.click();
    modalDialog.confirmDeletion();
}

public ScopePermissionRepresentation toRepresentation() {
    ScopePermissionRepresentation representation = new ScopePermissionRepresentation();

    representation.setName(getInputValue(name));
    representation.setDescription(getInputValue(description));
    representation.setDecisionStrategy(DecisionStrategy.valueOf(decisionStrategy.getFirstSelectedOption().getText().toUpperCase()));
    representation.setPolicies(policySelect.getSelected());
    representation.setResources(resourceSelect.getSelected());
    representation.setScopes(scopeSelect.getSelected());
    representation.getScopes().addAll(resourceScopeSelect.getSelected());

    return representation;
}

public class ResourceSelect extends SingleStringSelect2 {
    @Override
    protected Function<WebElement, String> representation() {
        return super.representation().andThen(s -> s == null || s.contains("Any resource...")) ? null : s;
    }
}

/*
 * Copyright 2017 Red Hat, Inc. and/or its affiliates
 * and other contributors as indicated by the @author tags.
 *
 * 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
 */
abstract class PermissionsTable extends DataTable {

    public PolicyRepresentation findByName(String name) {
        search(name);
        List<PolicyRepresentation> result = getTableRows();
        if (result.isEmpty()) {
            return null;
        } else {
            assert 1 == result.size();
            return result.get(0);
        }
    }

    public boolean contains(String name) {
        for (PolicyRepresentation representation : getTableRows()) {
            if (name.equals(representation.getName())) {
                return true;
            }
        }
        return false;
    }

    public List<PolicyRepresentation> getTableRows() {
        List<PolicyRepresentation> rows = new ArrayList<>();
        for (WebElement row : rows()) {
            PolicyRepresentation representation = toRepresentation(row);
            rows.add(representation);
        }
        return rows;
    }
}

private void search(String name) {
    policyTableRowList = policyTable.findByName(name);
}

private List<PolicyRepresentation> policyTableRowList;
if (representation != null) {
    rows.add(representation);
}
return rows;
}

public PolicyRepresentation toRepresentation(WebElement row) {
    PolicyRepresentation representation = null;
    List<WebElement> tds = row.findElements(tagName("td"));
    if (!(tds.isEmpty() || tds.get(0).getText().isEmpty())) {
        representation = new PolicyRepresentation();
        representation.setName(tds.get(0).getText());
        representation.setDescription(tds.get(1).getText());
        representation.setType(tds.get(2).getText());
    }
    return representation;
}
import org.openqa.selenium.support.FindBy;
import org.openqa.selenium.support.ui.Select;
import static org.keycloak.testsuite.util.UIUtils.clickLink;
import static org.openqa.selenium.By.tagName;

/**
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */
public class Permissions extends Form {

@FindBy(css = "table[class*='table']")
private PermissionsTable table;

@FindBy(id = "create-permission")
private Select createSelect;

@Page
private ResourcePermission resourcePermission;

@Page
private ScopePermission scopePermission;

public PermissionsTable permissions() {
    return table;
}

public <P extends PolicyTypeUI> P create(AbstractPolicyRepresentation expected) {
    String type = expected.getType();
    createSelect.selectByValue(type);

    if("resource".equals(type)) {
        resourcePermission.form().populate((ResourcePermissionRepresentation) expected);
        return (P) resourcePermission;
    } else if("scope".equals(type)) {
        scopePermission.form().populate((ScopePermissionRepresentation) expected);
        return (P) scopePermission;
    }

    return null;
}

public void update(String name, AbstractPolicyRepresentation representation) {
    for (WebElement row : permissions().rows()) {
        PolicyRepresentation actual = permissions().toRepresentation(row);

        if (actual.getName().equalsIgnoreCase(name)) {
            clickLink(row.findElements(tagName("a"))).get(0));
        }
    }
}
WaitUtils.waitForPageToLoad();
String type = representation.getType();

if ("resource".equals(type)) {
    resourcePermission.form().populate((ResourcePermissionRepresentation) representation);
} else if ("scope".equals(type)) {
    scopePermission.form().populate((ScopePermissionRepresentation) representation);
}
return;
}
}

public <P extends PolicyTypeUI> P name(String name) {
    for (WebElement row : permissions().rows()) {
        PolicyRepresentation actual = permissions().toRepresentation(row);
        if (actual.getName().equalsIgnoreCase(name)) {
            clickLink(row.findElements(tagName("a")).get(0));
            WaitUtils.waitForPageToLoad();
            String type = actual.getType();
            if ("resource".equals(type)) {
                return (P) resourcePermission;
            } else if ("scope".equals(type)) {
                return (P) scopePermission;
            }
        }
    }
    return null;
}

public void delete(String name) {
    for (WebElement row : permissions().rows()) {
        PolicyRepresentation actual = permissions().toRepresentation(row);
        if (actual.getName().equalsIgnoreCase(name)) {
            clickLink(row.findElements(tagName("a")).get(0));
            WaitUtils.waitForPageToLoad();
            String type = actual.getType();
            if ("resource".equals(type)) {
                resourcePermission.form().delete();
            } else if ("scope".equals(type)) {
                scopePermission.form().delete();
            }
        }
    }
    return;
public void deleteFromList(String name) {
    for (WebElement row : permissions().rows()) {
        PolicyRepresentation actual = permissions().toRepresentation(row);
        if (actual.getName().equalsIgnoreCase(name)) {
            row.findElements(tagName("td")).get(4).click();
            driver.findElement(By.xpath("//button[text()='Delete']")).click();
            return;
        }
    }
}

/*
* Copyright 2016 Red Hat, Inc. and/or its affiliates
* and other contributors as indicated by the @author tags.
*
* 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.
*/
package org.keycloak.testsuite.console.page.clients.authorization.permission;

import org.jboss.arquillian.graphene.page.Page;
import org.keycloak.representations.idm.authorization.ResourcePermissionRepresentation;
import org.keycloak.representations.idm.authorization.ScopePermissionRepresentation;
import org.keycloak.testsuite.console.page.clients.authorization.policy.PolicyTypeUI;

/**
* @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
*/
public class ScopePermission implements PolicyTypeUI {

    @Page
    private ScopePermissionForm form;

    public ScopePermissionForm form() {
        return form;
    }
public ScopePermissionRepresentation toRepresentation() {
    return form.toRepresentation();
}

public void update(ScopePermissionRepresentation expected) {
    form().populate(expected);
}

package org.keycloak.testsuite.console.page.clients.authorization.permission;

import org.jboss.arquillian.graphene.page.Page;
import org.keycloak.representations.idm.authorization.JSPolicyRepresentation;
import org.keycloak.representations.idm.authorization.ResourcePermissionRepresentation;
import org.keycloak.testsuite.console.page.clients.authorization.policy.PolicyTypeUI;

/**
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */
public class ResourcePermission implements PolicyTypeUI {

    @Page
    private ResourcePermissionForm form;

    public ResourcePermissionForm form() {
        return form;
    }

    public ResourcePermissionRepresentation toRepresentation() {
        return form.toRepresentation();
    }

    import org.jboss.arquillian.graphene.page.Page;
    import org.keycloak.representations.idm.authorization.JSPolicyRepresentation;
    import org.keycloak.representations.idm.authorization.ResourcePermissionRepresentation;
    import org.keycloak.testsuite.console.page.clients.authorization.policy.PolicyTypeUI;

    /**
     * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
     */
    public class ResourcePermission implements PolicyTypeUI {

        @Page
        private ResourcePermissionForm form;

        public ResourcePermissionForm form() {
            return form;
        }

        public ResourcePermissionRepresentation toRepresentation() {
            return form.toRepresentation();
        }
    }
public void update(ResourcePermissionRepresentation expected) {
    form().populate(expected);
}

public class PermissionsService extends AbstractPermissionService {
    public PermissionsService(KeycloakIdentity identity, ResourceServer resourceServer, AuthorizationProvider authorization) {
        super(identity, resourceServer, authorization);
    }

    @POST
    @Consumes("application/json")
    @Produces("application/json")
    public Response create(List<PermissionRequest> request) {
import org.keycloak.authorization.AuthorizationProvider;
import org.keycloak.authorization.common.KeycloakIdentity;
import org.keycloak.authorization.model.Resource;
import org.keycloak.authorization.model.ResourceServer;
import org.keycloak.authorization.model.Scope;
import org.keycloak.authorization.protection.permission.representation.PermissionRequest;
import org.keycloak.authorization.protection.permission.representation.PermissionResponse;
import org.keycloak.authorization.store.StoreFactory;
import org.keycloak.jose.jws.JWSBuilder;
import org.keycloak.models.KeyManager;
import org.keycloak.representations.idm.authorization.ResourceRepresentation;
import org.keycloak.representations.idm.authorization.ScopeRepresentation;
import org.keycloak.services.ErrorResponseException;

import javax.ws.rs.core.Response;
import java.util.List;
import java.util.Set;
import java.util.stream.Collectors;

public class AbstractPermissionService {

private final AuthorizationProvider authorization;
private final KeycloakIdentity identity;
private final ResourceServer resourceServer;

/*
 * @author <a href="mailto:psilva@redhat.com">Pedro Igor</a>
 */

public AbstractPermissionService(KeycloakIdentity identity, ResourceServer resourceServer,
AuthorizationProvider authorization) {
    this.identity = identity;
    this.resourceServer = resourceServer;
    this.authorization = authorization;
}

public Response create(List<PermissionRequest> request) {
    if (request == null) {
        throw new ErrorResponseException("invalid_permission_request", "Invalid permission request.",
            Response.Status.BAD_REQUEST);
    }

    List<ResourceRepresentation> resource = verifyRequestedResource(request);

    return Response.status(Response.Status.CREATED).entity(new
        PermissionResponse(createPermissionTicket(resource))).build();
}

private List<ResourceRepresentation> verifyRequestedResource(List<PermissionRequest> request) {
    StoreFactory storeFactory = authorization.getStoreFactory();
    return request.stream().map(request1 -> {
        String resourceSetId = request1.getResourceSetId();
        String resourceSetName = request1.getResourceSetName();
        boolean resourceNotProvided = resourceSetId == null && resourceSetName == null;

        if (resourceNotProvided) {
            if (((request1.getScopes() == null || request1.getScopes().isEmpty())) {
                throw new ErrorResponseException("invalid_resource_set_id", "Resource id or name not provided.",
                    Response.Status.BAD_REQUEST);
            }
        }

        Resource resource = null;

        if (!resourceNotProvided) {
            if (resourceSetId != null) {
                resource = storeFactory.getResourceStore().findById(resourceSetId, resourceServer.getId());
            } else {
                resource = storeFactory.getResourceStore().findByName(resourceSetName, this.resourceServer.getId());
            }

            if (resource == null) {
                if (resourceSetId != null) {
                    throw new ErrorResponseException("nonexistent_resource_set_id", "Resource set with id[" +
                        resourceSetId + "] does not exists in this server.", Response.Status.BAD_REQUEST);
                } else {
                    throw new ErrorResponseException("nonexistent_resource_set_id", "Resource set with id[" +
                        resourceSetId + "] does not exists in this server.", Response.Status.BAD_REQUEST);
                }
            }
        }
    });
}
throw new ErrorResponseException("nonexistent_resource_set_name", "Resource set with name\" + resourceSetName + \" does not exists in this server.", Response.Status.BAD_REQUEST);
}
}
}

Set<ScopeRepresentation> scopes = verifyRequestedScopes(request1, resource);

if (resource != null) {
if (scopes.isEmpty() && !request1.getScopes().isEmpty()) {
    return new ResourceRepresentation(null, request1.getScopes().stream().map(ScopeRepresentation::new).collect(Collectors.toSet()));
}
return new ResourceRepresentation(resource.getName(), scopes);
}

return new ResourceRepresentation(null, scopes);
}).collect(Collectors.toList());
}

private Set<ScopeRepresentation> verifyRequestedScopes(PermissionRequest request, Resource resource) {
    return request.getScopes().stream().map(scopeName -> {
        if (resource != null) {
            for (Scope scope : resource.getScopes()) {
                if (scope.getName().equals(scopeName)) {
                    return new ScopeRepresentation(scopeName);
                }
            }
            for (Resource baseResource : authorization.getStoreFactory().getResourceStore().findByType(resource.getType(), resourceServer.getId())) {
                if (baseResource.getOwner().equals(resource.getResourceServer().getId())) {
                    for (Scope baseScope : baseResource.getScopes()) {
                        if (baseScope.getName().equals(scopeName)) {
                            return new ScopeRepresentation(scopeName);
                        }
                    }
                }
            }
        } else {
            return new ScopeRepresentation(scopeName);
        }
    }).filter(scopeRepresentation -> scopeRepresentation != null).collect(Collectors.toSet());
}

private String createPermissionTicket(List<ResourceRepresentation> resources) {
KeyManager.ActiveRsaKey keys =
this.authorization.getKeycloakSession().keys().getActiveRsaKey(this.authorization.getRealm());
return new JWSBuilder().kid(keys.getKid()).jsonContent(new PermissionTicket(resources,
this.resourceServer.getId(), this.identity.getAccessToken()))
.rsa256(keys.getPrivateKey());

/*@author <a href="mailto:psilva@redhat.com">Pedro Igor</a>*/
public class PermissionService extends AbstractPermissionService {

    public PermissionService(KeycloakIdentity identity, ResourceServer resourceServer, AuthorizationProvider authorization) {
        super(identity, resourceServer, authorization);
    }

    @POST
@Consumes("application/json")
@Produces("application/json")
public Response create(PermissionRequest request) {
    return create(Arrays.asList(request));
}

<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<body bgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<pre>
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.
<tr data-ng-hide="policies.length == 0">
<th>{{:: 'name' | translate}}</th>
<th>{{:: 'description' | translate}}</th>
<th>{{:: 'type' | translate}}</th>
<th colspan="3">{{:: 'actions' | translate}}</th>
</tr>
</thead>
</tfoot data-ng-show="policies && (policies.length >= query.max || query.first > 0)">
<tr>
<td colspan="8">
<div class="table-nav">
<button data-ng-click="firstPage()" class="first" ng-disabled="query.first == 0">{{:: 'first-page' | translate}}</button>
<button data-ng-click="previousPage()" class="prev" ng-disabled="query.first == 0">{{:: 'previous-page' | translate}}</button>
<button data-ng-click="nextPage()" class="next" ng-disabled="policies.length < query.max">{{:: 'next-page' | translate}}</button>
</div>
</td>
</tr>
</tfoot>
<tbody>
<tr ng-repeat-start="policy in policies | filter: {name: search.name, type: search.type} | orderBy:'name'">
<td><a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server/permission/""{{policy.type}}/{{policy.id}}">{{policy.name}}</a></td>
<td>{{policy.description}}</td>
<td>{{policy.type}}</td>
<td ng-if="!policy.details.loaded" class="kc-action-cell" data-ng-click="showDetails(policy);">{{:: 'authz-show-details' | translate}}</td>
<td ng-if="policy.details.loaded" class="kc-action-cell" data-ng-click="showDetails(policy);">{{:: 'authz-hide-details' | translate}}</td>
<td class="kc-action-cell" ng-click="delete(policy);">{{:: 'delete' | translate}}</td>
</tr>
<tr ng-if="policy.details && policy.details.loaded" ng-repeat-end="""/>
<td colspan="5">
<div id="details">
<table class="table kc-authz-table-expanded table-striped">
<thead>
<tr>
<th>Associated Policies</th>
</tr>
</thead>
</tbody>
</table>
</div>
</td>
</tr>
<tr ng-repeat="policy in policies | filter: {name: search.name, type: search.type} | orderBy:'name'">
<td><a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server/permission/""{{policy.type}}/{{policy.id}}">{{policy.name}}</a></td>
<td>{{policy.description}}</td>
<td>{{policy.type}}</td>
<td ng-if="!policy.details.loaded" class="kc-action-cell" data-ng-click="showDetails(policy);">{{:: 'authz-show-details' | translate}}</td>
<td ng-if="policy.details.loaded" class="kc-action-cell" data-ng-click="showDetails(policy);">{{:: 'authz-hide-details' | translate}}</td>
<td class="kc-action-cell" ng-click="delete(policy);">{{:: 'delete' | translate}}</td>
</tr>
</tbody>
<td>
  <span data-ng-show="policy.associatedPolicies && !policy.associatedPolicies.length">{{::'authz-no-permission-assigned' | translate}}</span>
  <ul ng-repeat="dep in policy.associatedPolicies" data-ng-show="policy.associatedPolicies.length > 0">
    <li>
      <a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server/policy/[[dep.type]]/[[dep.id]]">{{dep.name}}</a>
    </li>
  </ul>
</td>
</tr>
</tbody>
</table>
</div>
</td>
</tr>
<tr data-ng-show="(policies | filter:search).length == 0">
  <td class="text-muted" colspan="3" data-ng-show="search.name">{{:: 'no-results' | translate}}</td>
  <td class="text-muted" colspan="3" data-ng-hide="search.name">{{:: 'authz-no-permissions-available' | translate}}</td>
</tr>
</tbody>
</table>
<div class="col-sm-9 col-md-10 col-sm-push-3 col-md-push-2">
  <ol class="breadcrumb">
    <li><a href="#/realms/{{realm.realm}}/clients">{{:: 'clients' | translate}}</a></li>
    <li><a href="#/realms/{{realm.realm}}/clients/{{client.id}}">{{client.clientId}}</a></li>
    <li><a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server">{{:: 'authz-authorization' | translate}}</a></li>
    <li><a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server/permission">{{:: 'authz-permissions' | translate}}</a></li>
    <li data-ng-show="create">{{:: 'authz-add-scope-permission' | translate}}</li>
    <li data-ng-hide="create">{{originalPolicy.name}}</li>
  </ol>
  <h1 data-ng-show="create">{{:: 'authz-add-scope-permission' | translate}}</h1>
  <h1 data-ng-hide="create">{{originalPolicy.name|capitalize}}</h1>
  <i class="pficon pficon-delete clickable" data-ng-click="remove()"></i>
</div>

<form class="form-horizontal" name="clientForm" novalidate>
  <fieldset class="border-top">
    <div class="form-group">
      <label class="col-md-2 control-label" for="name">{{:: 'name' | translate}} <span

<input class="form-control" type="text" id="name" name="name" data-ng-model="policy.name"
autofocus required data-ng-blur="checkNewNameAvailability()">
</div>
<kcm-tooltip>{{:: 'authz-permission-name.tooltip' | translate}}</kcm-tooltip>
</div>
<div class="form-group">
<label class="col-md-2 control-label" for="description">{{:: 'description' | translate}} </label>
<div class="col-sm-6">
<input class="form-control" type="text" id="description" name="description" data-ng-model="policy.description">
<kcm-tooltip>{{:: 'authz-permission-description.tooltip' | translate}}</kcm-tooltip>
</div>
</div>
<div class="form-group clearfix">
<label class="col-md-2 control-label" for="resources">{{:: 'authz-resource' | translate}} <span class="required">*</span></label>
<div class="col-md-6">
<input type="hidden" ui-select2="resourcesUiSelect" data-ng-change="selectResource()"
id="resources" data-ng-model="selectedResource" data-placeholder="{{:: 'authz-any-resource' | translate}} ..." />
<kcm-tooltip>{{:: 'authz-permission-scope-resource.tooltip' | translate}}</kcm-tooltip>
</div>
</div>
<div class="form-group clearfix" data-ng-show="selectedResource">
<label class="col-md-2 control-label" for="resourceScopes">{{:: 'authz-scopes' | translate}} <span class="required">*</span></label>
<div class="col-md-6">
<select ui-select2 id="resourceScopes"
data-ng-model="selectedScopes"data-placeholder="{{:: 'authz-any-scope' | translate}} ..." multiple data-ng-required="selectedResource != null">
<option ng-repeat="scope in resourceScopes" value="{{scope.id}}">{{scope.name}}</option>
</select>
<kcm-tooltip>{{:: 'authz-permission-scope-scope.tooltip' | translate}}</kcm-tooltip>
</div>
</div>
<div class="form-group clearfix" data-ng-show="!selectedResource">
<label class="col-md-2 control-label" for="scopes">{{:: 'authz-scopes' | translate}} <span class="required">*</span></label>
<div class="col-md-6">
<input type="hidden" ui-select2="scopesUiSelect" id="scopes" data-ng-model="selectedScopes" data-placeholder="{{:: 'authz-any-scope' | translate}} ..." multiple data-ng-required="selectedResource == null" />
<kcm-tooltip>{{:: 'authz-permission-scope-scope tooltip' | translate}}</kcm-tooltip>
</div>
</div>
<label class="col-md-2 control-label" for="policies">{{:: 'authz-policy-apply-policy' | translate}} *<span class="required">*</span></label>

<div class="col-md-6">
  <input type="hidden" ui-select2="policiesUiSelect" id="policies" data-ng-model="selectedPolicies" data-placeholder="{{:: 'authz-select-a-policy' | translate}}..." multiple required />
</div>

<k-tooltip>{{:: 'authz-policy-apply-policy.tooltip' | translate}}</k-tooltip>
</div>

<form class="form-group clearfix">
  <label class="col-md-2 control-label" for="decisionStrategy">{{:: 'authz-policy-decision-strategy' | translate}}</label>
  <div class="col-sm-2">
    <select class="form-control" id="decisionStrategy" data-ng-model="policy.decisionStrategy" ng-change="selectDecisionStrategy()">
      <option value="UNANIMOUS">{{:: 'authz-policy-decision-strategy-unanimous' | translate}}</option>
      <option value="AFFIRMATIVE">{{:: 'authz-policy-decision-strategy-affirmative' | translate}}</option>
      <option value="CONSENSUS">{{:: 'authz-policy-decision-strategy-consensus' | translate}}</option>
    </select>
    <k-tooltip>{{:: 'authz-policy-decision-strategy.tooltip' | translate}}</k-tooltip>
  </div>
</form>

<input type="hidden" data-ng-model="policy.type"/>

<div class="form-group" data-ng-show="access.manageAuthorization">
  <div class="col-md-10 col-md-offset-2">
    <button kc-save data-ng-disabled="!changed || (selectedPolicies == null || selectedPolicies.length == 0) || (selectedScopes == null || selectedScopes.length == 0)">{{:: 'save' | translate}}</button>
    <button kc-reset data-ng-disabled="!changed">{{:: 'cancel' | translate}}</button>
  </div>
</div>

<k-menu></k-menu>

Apache License
Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION
1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent
to the Licensor or its representatives, including but not limited to
communication on electronic mailing lists, source code control systems,
and issue tracking systems that are managed by, or on behalf of, the
Licensor for the purpose of discussing and improving the Work, but
excluding communication that is conspicuously marked or otherwise
designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and
subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
copyright license to reproduce, prepare Derivative Works of,
publicly display, publicly perform, sublicense, and distribute the
Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of
this License, each Contributor hereby grants to You a perpetual,
worldwide, non-exclusive, no-charge, royalty-free, irrevocable
(except as stated in this section) patent license to make, have made,
use, offer to sell, sell, import, and otherwise transfer the Work,
where such license applies only to those patent claims licensable
by such Contributor that are necessarily infringed by their
Contribution(s) alone or by combination of their Contribution(s)
with the Work to which such Contribution(s) was submitted. If You
institute patent litigation against any entity (including a
cross-claim or counterclaim in a lawsuit) alleging that the Work
or a Contribution incorporated within the Work constitutes direct
or contributory patent infringement, then any patent licenses
granted to You under this License for that Work shall terminate
as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the
Work or Derivative Works thereof in any medium, with or without
modifications, and in Source or Object form, provided that You
meet the following conditions:

(a) You must give any other recipients of the Work or
   Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices
    stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works
    that You distribute, all copyright, patent, trademark, and
    attribution notices from the Source form of the Work,
excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any
risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS,
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
See the License for the specific language governing permissions and
limitations under the License.
Copyright (c) 2010, Stanford Visualization Group
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.

* Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

* Neither the name of Stanford University nor the names of its contributors
  may be used to endorse or promote products derived from this software
  without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

The D-Bus Java implementation is licensed to you under your choice of the
Academic Free License version 2.1, or the GNU Lesser/Library General Public License
version 2. Both licenses are included here. Each source code file is marked
with the proper copyright information.

The Academic Free License
v. 2.1

This Academic Free License (the "License") applies to any original work of
authorship (the "Original Work") whose owner (the "Licensor") has placed the
following notice immediately following the copyright notice for the Original
Work:

Licensed under the Academic Free License version 2.1

1) Grant of Copyright License. Licensor hereby grants You a world-wide,
royalty-free, non-exclusive, perpetual, sublicenseable license to do the
following:
a) to reproduce the Original Work in copies;

b) to prepare derivative works ("Derivative Works") based upon the Original Work;

c) to distribute copies of the Original Work and Derivative Works to the public;

d) to perform the Original Work publicly; and

e) to display the Original Work publicly.

2) Grant of Patent License. Licensor hereby grants You a world-wide, royalty-free, non-exclusive, perpetual, sublicenseable license, under patent claims owned or controlled by the Licensor that are embodied in the Original Work as furnished by the Licensor, to make, use, sell and offer for sale the Original Work and Derivative Works.

3) Grant of Source Code License. The term "Source Code" means the preferred form of the Original Work for making modifications to it and all available documentation describing how to modify the Original Work. Licensor hereby agrees to provide a machine-readable copy of the Source Code of the Original Work along with each copy of the Original Work that Licensor distributes. Licensor reserves the right to satisfy this obligation by placing a machine-readable copy of the Source Code in an information repository reasonably calculated to permit inexpensive and convenient access by You for as long as Licensor continues to distribute the Original Work, and by publishing the address of that information repository in a notice immediately following the copyright notice that applies to the Original Work.

4) Exclusions From License Grant. Neither the names of Licensor, nor the names of any contributors to the Original Work, nor any of their trademarks or service marks, may be used to endorse or promote products derived from this Original Work without express prior written permission of the Licensor. Nothing in this License shall be deemed to grant any rights to trademarks, copyrights, patents, trade secrets or any other intellectual property of Licensor except as expressly stated herein. No patent license is granted to make, use, sell or offer to sell embodiments of any patent claims other than the licensed claims defined in Section 2. No right is granted to the trademarks of Licensor even if such marks are included in the Original Work. Nothing in this License shall be interpreted to prohibit Licensor from licensing under different terms from this License any Original Work that Licensor otherwise would have a right to license.

5) This section intentionally omitted.

6) Attribution Rights. You must retain, in the Source Code of any Derivative
Works that You create, all copyright, patent or trademark notices from the Source Code of the Original Work, as well as any notices of licensing and any descriptive text identified therein as an "Attribution Notice." You must cause the Source Code for any Derivative Works that You create to carry a prominent Attribution Notice reasonably calculated to inform recipients that You have modified the Original Work.

7) Warranty of Provenance and Disclaimer of Warranty. Licensor warrants that the copyright in and to the Original Work and the patent rights granted herein by Licensor are owned by the Licensor or are sublicensed to You under the terms of this License with the permission of the contributor(s) of those copyrights and patent rights. Except as expressly stated in the immediately proceeding sentence, the Original Work is provided under this License on an "AS IS" BASIS and WITHOUT WARRANTY, either express or implied, including, without limitation, the warranties of NONINFRINGEMENT, MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY OF THE ORIGINAL WORK IS WITH YOU. This DISCLAIMER OF WARRANTY constitutes an essential part of this License. No license to Original Work is granted hereunder except under this disclaimer.

8) Limitation of Liability. Under no circumstances and under no legal theory, whether in tort (including negligence), contract, or otherwise, shall the Licensor be liable to any person for any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or the use of the Original Work including, without limitation, damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses. This limitation of liability shall not apply to liability for death or personal injury resulting from Licensor'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.

9) Acceptance and Termination. If You distribute copies of the Original Work or a Derivative Work, You must make a reasonable effort under the circumstances to obtain the express assent of recipients to the terms of this License. Nothing else but this License (or another written agreement between Licensor and You) grants You permission to create Derivative Works based upon the Original Work or to exercise any of the rights granted in Section 1 herein, and any attempt to do so except under the terms of this License (or another written agreement between Licensor and You) is expressly prohibited by U.S. copyright law, the equivalent laws of other countries, and by international treaty. Therefore, by exercising any of the rights granted to You in Section 1 herein, You indicate Your acceptance of this License and all of its terms and conditions.

10) Termination for Patent Action. This License shall terminate automatically and You may no longer exercise any of the rights granted to You by this License as of the date You commence an action, including a cross-claim or counterclaim, against Licensor or any licensee alleging that the Original Work infringes a patent. This termination provision shall not apply for an action alleging
11) Jurisdiction, Venue and Governing Law. Any action or suit relating to this License may be brought only in the courts of a jurisdiction wherein the Licensor resides or in which Licensor conducts its primary business, and under the laws of that jurisdiction excluding its conflict-of-law provisions. The application of the United Nations Convention on Contracts for the International Sale of Goods is expressly excluded. Any use of the Original Work outside the scope of this License or after its termination shall be subject to the requirements and penalties of the U.S. Copyright Act, 17 U.S.C. 101 et seq., the equivalent laws of other countries, and international treaty. This section shall survive the termination of this License.

12) Attorneys Fees. In any action to enforce the terms of this License or seeking damages relating thereto, the prevailing party shall be entitled to recover its costs and expenses, including, without limitation, reasonable attorneys’ fees and costs incurred in connection with such action, including any appeal of such action. This section shall survive the termination of this License.

13) Miscellaneous. This License represents the complete agreement concerning the subject matter hereof. If any provision of this License is held to be unenforceable, such provision shall be reformed only to the extent necessary to make it enforceable.

14) Definition of "You" in This License. "You" throughout this License, whether in upper or lower case, means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. For legal entities, "You" includes any entity that controls, is controlled by, or is under common control with you. For purposes of this definition, "control" means (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.

15) Right to Use. You may use the Original Work in all ways not otherwise restricted or conditioned by this License or by law, and Licensor promises not to interfere with or be responsible for such uses by You.

This license is Copyright (C) 2003-2004 Lawrence E. Rosen. All rights reserved. Permission is hereby granted to copy and distribute this license without modification. This license may not be modified without the express written permission of its copyright owner.
essential differences between the Academic Free License (AFL) version 1.0 and other open source licenses:

The Academic Free License is similar to the BSD, MIT, UoI/NCSA and Apache licenses in many respects but it is intended to solve a few problems with those licenses.

* The AFL is written so as to make it clear what software is being licensed (by the inclusion of a statement following the copyright notice in the software). This way, the license functions better than a template license. The BSD, MIT and UoI/NCSA licenses apply to unidentified software.

* The AFL contains a complete copyright grant to the software. The BSD and Apache licenses are vague and incomplete in that respect.

* The AFL contains a complete patent grant to the software. The BSD, MIT, UoI/NCSA and Apache licenses rely on an implied patent license and contain no explicit patent grant.

* The AFL makes it clear that no trademark rights are granted to the licensor's trademarks. The Apache license contains such a provision, but the BSD, MIT and UoI/NCSA licenses do not.

* The AFL includes the warranty by the licensor that it either owns the copyright or that it is distributing the software under a license. None of the other licenses contain that warranty. All other warranties are disclaimed, as is the case for the other licenses.

* The AFL is itself copyrighted (with the right granted to copy and distribute without modification). This ensures that the owner of the copyright to the license will control changes. The Apache license contains a copyright notice, but the BSD, MIT and UoI/NCSA licenses do not.

--

START OF GNU LIBRARY GENERAL PUBLIC LICENSE
--

GNU LIBRARY GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
51 Franklin St, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is numbered 2 because it goes with version 2 of the ordinary GPL.]
Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some specially designated Free Software Foundation software, and to any other libraries whose authors decide to use it. You can use it for your libraries, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's
free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don’t assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library
General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify
that version instead if you wish.) Do not make any other change in
these notices.

Once this change is made in a given copy, it is irreversible for
that copy, so the ordinary GNU General Public License applies to all
subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of
the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or
derivative of it, under Section 2) in object code or executable form
under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which
must be distributed under the terms of Sections 1 and 2 above on a
medium customarily used for software interchange.

If distribution of object code is made by offering access to copy
from a designated place, then offering equivalent access to copy the
source code from the same place satisfies the requirement to
distribute the source code, even though third parties are not
compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the
Library, but is designed to work with the Library by being compiled or
linked with it, is called a "work that uses the Library". Such a
work, in isolation, is not a derivative work of the Library, and
therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it
contains portions of the Library), rather than a "work that uses the
library". The executable is therefore covered by this License.
Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file
that is part of the Library, the object code for the work may be a
derivative work of the Library even though the source code is not.
Whether this is true is especially significant if the work can be
linked without the Library, or if the work is itself a library. The
threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data
structure layouts and accessors, and small macros and small inline
functions (ten lines or less in length), then the use of the object
file is unrestricted, regardless of whether it is legally a derivative
work. (Executables containing this object code plus portions of the
Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may
distribute the object code for the work under the terms of Section 6.
Any executables containing that work also fall under Section 6,
whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or
link a "work that uses the Library" with the Library to produce a
work containing portions of the Library, and distribute that work
under terms of your choice, provided that the terms permit
modification of the work for the customer's own use and reverse
engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the
Library is used in it and that the Library and its use are covered by
this License. You must supply a copy of this License. If the work
during execution displays copyright notices, you must include the
copyright notice for the Library among them, as well as a reference
directing the user to the copy of this License. Also, you must do one
of these things:

a) Accompany the work with the complete corresponding
machine-readable source code for the Library including whatever
changes were used in the work (which must be distributed under
Sections 1 and 2 above); and, if the work is an executable linked
with the Library, with the complete machine-readable "work that
uses the Library", as object code and/or source code, so that the
user can modify the Library and then relink to produce a modified
executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the
Library will not necessarily be able to recompile the application
to use the modified definitions.)

b) Accompany the work with a written offer, valid for at
least three years, to give the same user the materials
specified in Subsection 6a, above, for a charge no more
than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy
from a designated place, offer equivalent access to copy the above
specified materials from the same place.

d) Verify that the user has already received a copy of these
materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the
Library" must include any data and utility programs needed for
reproducing the executable from it. However, as a special exception,
the source code distributed need not include anything that is normally
distributed (in either source or binary form) with the major
components (compiler, kernel, and so on) of the operating system on
which the executable runs, unless that component itself accompanies
the executable.

It may happen that this requirement contradicts the license
restrictions of other proprietary libraries that do not normally
accompany the operating system. Such a contradiction means you cannot
use both them and the Library together in an executable that you
distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library
facilities not covered by this License, and distribute such a combined
library, provided that the separate distribution of the work based on
the Library and of the other library facilities is otherwise
permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Library General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Library General Public License for more details.

You should have received a copy of the GNU Library General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library 'Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!

GHIJ
KL
GM
GN
OPQR
ST
UVW
resourceSetIdLjava/lang/String;RuntimeVisibleAnnotations/Lcom/fasterxml/jackson/annotation/JsonProperty;valueresource_set_idresourceSetNameresource_set_namescopesLjava/util/Set;
getSubject
getExpiration()I
expiration.(I)Lorg/keycloak/representations/JsonWebToken;getNotBefore
notBeforegetIssuedAtgetIssuedForissuedForjava/util/ListaddAll(Ljava/util/Collection;)Z!
!"U**Y*W*.@W.*
W**.
W*.W**.W**.(!)*+),2:-.D/O0T1*U !UUU#$%U&'/*4 !)+*/8 !,-
4=
-
/
01
2
3
-
4

567
resourceSetIdLjava/lang/String;RuntimeVisibleAnnotations/Lcom/fasterxml/jackson/annotation/JsonProperty;values
resource_set_idresourceSetNameresource_set_namescopesLjava/util/Set;
Signature#Ljava/util/Set<Ljava/lang/String;>;<init>((Ljava/lang/String;[Ljava/lang/String;])VCodeLineNumberTable
LocalVariableTablethisSLorg/keycloak/authorization/protection/permission/representation/PermissionRequest;Ljava
/lang/String;
StackMapTable68()V getResourceSetId()Ljava/lang/String;getResourceSetName
getScopes()Ljava/util/Set;%(Ljava/lang/String;)Ljava/util/HashSet9:<
Qorg/keycloak/authorization/protection/permission/representation/PermissionRequestjava/lang/Objectjava/lang/Stri
gjava/util/ArraysasList%(Ljava/lang/Object;)Ljava/util/List;(Ljava/util/Collection;)V!

s
s0**+,*Y,*Y*()+
..*1/2 00
0 !+#
$5*
56%&/99&=*(/A*+, 4

ticketLjava/lang/String;<init>((Ljava/lang/String;)VCodeLineNumberTableLocalVariableTablethisTLorg/keycloak/a
uthorization/protection/permission/representation/PermissionResponse;()VgetTicket()Ljava/lang/String;
SourceFilePermissionResponse.java
Rorg/keycloak/authorization/protection/permission/representation/PermissionResponsejava/lang/Object!
F
**+

4*
!*
/*%
Manager;getRealm"()Lorg/keycloak/models/RealmModel;org/keycloak/models/KeyManagerActiveRsaKeyO(Lorg/keycloak/models/RealmModel;Lorg/keycloak/models/KeyManagerActiveRsaKey;getKid()Ljava/lang/String;kid6(Ljava/lang/String;)Lorg/keycloak/jose/jws/JWSBuilder;org/keycloak/authorization/model/ResourceServergetId2org/keycloak/authorization/common/KeycloakIdentitygetId2();Lorg/keycloak/representation/AccessToke
nO(Ljava/util/List;Ljava/lang/String;org/keycloak/representation/AccessToken;)VjsonContentEncodingBuilderF(Ljava/lang/Object;)Lorg/keycloak/jose/jw
s/JWSBuilder$EncodingBuilder;getPrivateKey()Ljava/security/PrivateKey;org/keycloak/authorization/model/ResourceServer
getId2();Lorg/keycloak/representation/AccessToke
nO((Ljava/util/List;Ljava/lang/String;Lorg/keycloak/representation/AccessToken;)V
4+
!
"%&<init>(Lorg/keycloak/authorization/common/KeycloakIdentity;Lorg/keycloak/authorization/model/ResourceServer;Lorg/keycloak/authorization/AuthorizationProvider;)VCodeLineNumberTableLocalVariableTablethisDLorg/keycloak/authorization/protection/permission/PermissionService;identity4Lorg/keycloak/authorization/common/KeycloakIdentity;resourceServer1Lorg/keycloak/authorization/model/ResourceServer;authorization2Lorg/keycloak/authorization/AuthorizationProvider;createp(Lorg/keycloak/authorization/protection/permission/representation/PermissionRequest;)Ljava/ws/rs/core/Response;requestSLorg/keycloak/authorization/protection/permission/representation/PermissionRequest;RuntimeVisibleAnnotationsLjava/ws/rs/POST;Ljava/ws/rs/Consumes;valueapplication/jsonLjava/ws/rs/Produces;
SourceFilePermissionService.javaQorg/keycloak/authorization/protection/permission/representation/PermissionRequest'()*Borg/keycloak/authorization/protection/permission/PermissionServiceJorg/keycloak/authorization/protection/permission/AbstractPermissionServicejava/util/ArraysasList%([Ljava/lang/Object;)Ljava/util/List;-
(Ljava/util/List;)Ljava/ws/rs/core/Response;IT*+-

null
D*Y+S
,
[s]$ 49'( )*+
,
.-/0
val$result- Ljava/util/concurrent/atomic/AtomicReference;this$0MLorg/keycloak/authorization/permission/evaluator/IterablePermissionEvaluator;<init>}(Lorg/keycloak/authorization/permission/evaluator/IterablePermissionEvaluator;Ljava/util/concurrent/atomic/AtomicReference;)VCodeLineNumberTableLocalVariableTablethis$InnerClassesOLorg/keycloak/authorization/permission/evaluator/IterablePermissionEvaluator$1;onError(Ljava/lang/Throwable;)VcauseLjava/lang/Throwable;
onComplete(Ljava/util/List;)VresultsLjava/util/List;LocalVariableTypeTableGLjava/util/List<Lorg/keycloak/authorization/policy/evaluation/Result;>;SignatureJ(Ljava/util/List<Lorg/keycloak/authorization/policy/evaluation/Result;>;)VSourceFile IterablePermissionEvaluator.javaEnclosingMethod123
4java/lang/RuntimeExceptionFailed to evaluate
permissions5678Morg/keycloak/authorization/permission/evaluator/IterablePermissionEvaluator$1Dorg/keycloak/authorization/policy/evaluation/DecisionResultCollectorKorg/keycloak/authorization/permission/evaluator/IterablePermissionEvaluatorevaluate()Ljava/util/List;()V*(Ljava/lang/String;Ljava/lang/Throwable;)V+java/util/concurrent/atomic/AtomicReferenceset(Ljava/lang/Object;)V

C*++,*>
?Y+AS++
FG !"#%&
4\789;:<;=>?-@ABCADE
7F
G
H
above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software, and to permit persons to whom the Software is furnished to do so, without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

The Software is provided "as is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event shall the authors or copyright holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the Software or the use or other dealings in the Software.

Permissions

You may use, copy, modify, merge, publish, distribute, sublicense and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of the authors may not be used to endorse or promote products derived from this Software without specific prior written permission.

Software is provided "as is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event shall the authors or copyright holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the Software or the use or other dealings in the Software.

Permissions for redistribution in binary form:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name of the authors may not be used to endorse or promote products derived from this Software without specific prior written permission.

Software is provided "as is", without warranty of any kind, express or implied, including but not limited to the warranties of merchantability, fitness for a particular purpose and noninfringement. In no event shall the authors or copyright holders be liable for any claim, damages or other liability, whether in an action of contract, tort or otherwise, arising from, out of or in connection with the Software or the use or other dealings in the Software.
Open Source Used In OneID 1.0.1
Exceptions
SourceFileContributor.java?@^._Mv"org/apache/maven/model/Contributor56java/util/ArrayList;java/util/Properties<=java/util/LinkedHashMap?java/lang/Exception'java/lang/UnsupportedOperationExceptionjava/lang/StringBuilder[V does not support clone()V7Kjava/lang/RuntimeException10$org/apache/maven/model/InputLocation/030409020MNjava/lang/Object java/io/Serializablejava/lang/Cloneable+org/apache/maven/model/InputLocationTracker$java/lang/CloneNotSupportedException(java/lang/Object;java/lang/Object;)Ljava/lang/Object;java/lang/Object;java/util/Listadd(Ljava/lang/Object;)ZaddAll(Ljava/util/Collection;)Z(Ljava/util/Map;)VgetClass()Ljava/lang/Class;java/lang/Classappend- (Ljava/lang/String;)Ljava/lang/StringBuilder;toString	initCause,(Ljava/lang/Throwable;)Ljava/lang/Throwable;java/lang/Throwable;Ljava/lang/Object;java/lang/Object;remove!+,-./01020340567890;<=7>?>A/*BCDEFGAM*+WB
--
`c DEH0f0JKAD*+WB
ijCDE0L0MNA=*L*+Y
+*W*+*
++Y++LYY++TUB.uvwxyz( )=DSUVC MOEV(PQ~DER(SSTUVA/*BCDEWXAZ**+ BCDEHYR@Z[VA/*BCDEVA/*BCDEIVA/*BCDE^_AR**Y$*BCDER`aAR**Y
*BCDER7bcVA/*%BCDEdVA/*&BCDEzKAD*+WB
CDE0fKA>*+B
CDE10ghA{.!*Y(*+,)WB"!C #DE#HY#ijRkKA>*+!B
+*CDE00fKA>*+*"B
45CDE30mKA>*+#B
>?CDE4noA>*+B
JCDE:::pUAP*+B
WXCDE56r587stKA>*+%B
ijCDE90uKA>*+&B
stCDE20AMvA/**BCDEwxyz
2~
P
QRST
UVWX
P
Y
Z[
]\^~
``
`abcdefgh
Pdi
jklmnameL.java/lang/String;urldistributioncommentslocationsL.java/util/Map;
SignatureIL.java/util/Map<L.java/lang/Object;Lorg/apache/maven/model/InputLocation;>;<init>()VCodeLineNumbe
rTableLocalVariableTablethis
Lorg/apache/maven/model/License;clone"()Lorg/apache/maven/model/License;copyexL.java/lang/Exception;
StackMapTableRVgetComments(L.java/lang/String;getDistributiongetLocation;(L.java/lang/Object;)Lorg/apache/mave
n/model/InputLocation;keyL.java/lang/Object;fgetNameUrlsetComments(L.java/lang/String;)VsetDistributions
etLocation;(L.java/lang/Object;Lorg/apache/maven/model/InputLocation;)Vlocation&Lorg/apache/maven/model/Inpu
tLocation;setNamesetUrl(L.java/lang/Object;
Exceptionso
Signature(Lorg/picketlink/common/properties/Property<L java/io/Serializable;>;Lorg/picketlink/common/properties/Property<L java/lang/Object;Ljava/lang/Object;>);L(java/lang/Object;Ljava/lang/Object;Ljava/lang/Object;Ljava/util/Comparator)
SourceFileEntityPermissionHandler.java;EnclosingMethod./0
123456jorg/picketlink/common/properties/Property?org/picketlink/idm/permission/acl/spi/EntityPermissionHandler
$1java/lang/Objectjava/util/Comparator=org/picketlink/idm/permission/acl/spi/EntityPermissionHandler
queryProperties(Ljava/lang/Class;)V()V
getName()Ljava/lang/String;java/lang/String
to compareTo(Ljava/lang/String;)I

j+, D A7
*+, A
!"# 4
IKL M
NOP QORSTUVWXYZ[Z]^ 
_`a#b
#cdfpartitionManager%L.org/picketlink/idm/PartitionManager;<init>((Lorg/picketlink/idm/PartitionManager;)V)

co deleLineNumberTableLocalVariableTablethisALorg/picketlink/idm/permission/acl/spi/PersistentPermissionVoter;
hasPermission VotingResultInnerClasses(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;);Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;
recipientLorg/picketlink/idm/model/IdentityType;resourceJava/lang/Object;
operationLjava/lang/String;permissionsLjava/util/List;LocalVariableTypeTableLjava/util/List<Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;
resourceClassLjava/lang/Class;
identifierLjava/io/Serializable;Ljava/lang/Class<*>;

Signature(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Class<*>;Ljava/io/Serializable;Ljava/lang/String;);
permission=org/picketlink/idm/permission/spi/PermissionVoter$VotingResult;idPermission2Lorg/picketlink/idm/permission/IdentityPermission;
permission=org/picketlink/idm/permission/Permission;relationshipManager(Lorg/picketlink/idm/model/IdentityType;)Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;

SourceFilePersistentPermissionVoter.java"java/lang/IllegalArgumentExceptionrecipient must not be null;k:;lmn<misorg/picketlink/idm/permission/Permission0org/picketlink/idm/permission/IdentityPermission&org/picketlink/idm/permission/spi/PermissionVoter;&org/picketlink/idm/PermissionManagerjava/util/Iterator()V(Ljava/lang/String;)V
Lorg/picketlink/idm/model/IdentityTypegetPartition&()Lorg/picketlink/idm/model/Partition;#org/picketlink/idm/PartitionManagercreatePermissionManagerL.(Lorg/picketlink/idm/model/Partition;);L.org/picketlink
permissionsLjava/util/Map<Ljava/lang/String;Ljava/lang/Boolean>;V
resourceClassLjava/lang/Class;Ljava/lang/Class<Ljava/lang/Class;V
addMembers(Ljava/lang/String;)V
StackMapTableCcontains(Ljava/lang/String;)Z
actionaddg(Ljava/lang/String;)Lorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionSet;
removePermissons(Ljava/util/Map;Ljava/lang/String;)V
isEmpty()Z
toString()Ljava/lang/String;
maskJ
permissionvalsLjava/util/Map;Ljava/lang/String<Ljava/lang/Long;>
StackMapTableccontains(Ljava/lang/String;)Z
actionaddg(Ljava/lang/String;)Ljava/util/Map<Ljava/lang/String;Ljava/lang/Long;>;
removePermissons(Ljava/util/Map;Ljava/lang/String;)V
isEmpty()Z
toString()Ljava/lang/String;
StringBuilder
SourceFile"BaseAbstractPermissionHandler.java-./java/util/HashSet;
java/lang/BooleanU
java/util/MapRUjava/lang/Stringjava/lang/LongN,KPTUjava/lang/StringBuilderVWQorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionSetjava/lang/Objectjava/util/Iterator()VCorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandler
access$000V(Lorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandler;Ljava/util/Map;Ljava/lang/Object;)Ljava/lang/Object;V
BooleanValuevalueOf$(Ljava/lang/String;)
access$100keySet

Open Source Used In OneID 1.0.1
open source used in onedid 1.0.1

canHandle(Ljava/lang/Class;)Z
Signature(Ljava/lang/Class<*>;)Z
getIdentifier*(Ljava/lang/Object;)Ljava/io/Serializable;
unwrapResourceClass%(Ljava/lang/Object;)Ljava/lang/Class<*>;
listClassOperations"(Ljava/lang/Class;Ljava/util/Set<Ljava/lang/Class<*>;):Ljava/util/Set<Ljava/lang/String;>;listInstanceOperations
SourceFilePermissionHandler.java?/picketlink/idm/permission/acl/spi/PermissionHandlerjava/lang/Object

40z0{
1]}
|~
|0/

| /

| //

| 0

PermissionSetInnerClassesusesMaskLjava/util/Map;
Signature8Ljava/util/Map<Ljava/lang/Class<*>;Ljava/lang/Boolean>;instanceOperationsXLjava/util/Map<Ljava/lang/
Class<*>;Ljava/util/Map<Ljava/lang/String;Ljava/lang/Long>;>;classOperations<init>()VCodeLineNumberTableLocalVariableTablethisELorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandler;initOperations(Ljava/lang/Class;)
operation<org/picketlink/idm/permission/annotations/AllowedOperation;maskLjava/lang/Long;opLjava/lang/Stri
ng;masksLjava/util/Map<Ljava/lang/Class<*>;Ljava/lang/Boolean>;instanceOpsxLjava/util/Map<Ljava/lang/Class<*>;
StackMapTableH(Ljava/lang/Class<*>;Ljava/lang/String;)Lorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandler$PermissionSet;
resourceClassmembers{(Ljava/lang/Class<*>;Ljava/lang/String;)Lorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandler$PermissionSet;
permissionpermissions9(Ljava/lang/Class<*>;)Ljava/util/Set<Ljava/lang/String>;
getListOperations8(Ljava/lang/Class<*>;Ljava/lang/String;)Ljava/util/Map;
SourceFile"BaseAbstractPermissionHandler.java9656<java/util/HashMap&java/util/concurrent/ConcurrentHashMap6;org/picketlink/idm/permission/annotations/AllowedOperations4;java/util/HashSetjava/lang/Stringjava/lang/Long"java/lang/IllegalArgumentExceptionjava/lang/StringBuilderClass 4 defines a duplicate mask for permission
operation [ ]/ must define a valid mask value for operation [ ]/ must define a mask value that is a power of 2 for
operation [CDQorg/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandler$PermissionSet<
java/util/MapCorp/picketlink/idm/permission/acl/spi/BaseAbstractPermissionHandlerjava/lang/Object7/or
Resource [DEDF] must be instance of StringGHIJKL=org/picketlink/idm/permission/acl/spi/StringPermissionHandlerjava/lang/Object7org/picketlink/idm/permission/acl/spi/PermissionHandlerequals(Ljava/lang/Object;)Zappend-(Ljava/lang/String;)Ljava/lang/StringBuilder; toString()Ljava/lang/String;(Ljava/lang/String;)Vjava/util/CollectionsemptySet()Ljava/util/Set;
Open Source Used In OneID 1.0.1

```java
sessionVoter$VotingResult(java/util/Iterator)Vjava/util/Listiterator()Ljava/util/Iterator;hasNext()Znext()Ljava/lang/Object;hasPermission(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;)Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;ALLOWequals(Ljava/lang/Object;)ZDENY(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;)Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;!X**+.@$&

T6*:<:+,-:6&)+$,0-;.A0L1N3Q5H0!$"#TTS%T&T()Q*+:.-0V6*:++:-6&9$<2==>C@NAPCSER21$,"#VVS%V12V34V()S*+V15.-4./678@
48)++-
/
/012ALLOWVotingResultInnerClasses@Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;DENYN
OT_APPLICATIONSVALUESA[Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;valuesC()]Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;CodeLineNumberTablevalueOfT(Ljava/lang/String;)
Signature()V<clinit>RLjava/lang/Enum<Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;>;SourceFilePermissionVoter.java456>org/picketlink/idm/permission/spi/PermissionVoter$VotingResult7Ljava/lang/Enumclone()Ljava/lang/Object;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Enum;@1@@@
"'
"*
!1*+"#$%$|AY
YYSYSY
S('"#&'
,@
4
VotingResultInnerClasses
hasPermission(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;)Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;ALLOWequals(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;)ZDENY(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;)Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;Signature(Lorg/picketlink/idm/model/IdentityType;Ljava/lang/Object;Ljava/lang/String;)Ljava/lang/Class<*>Ljava/io/Serializable;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;<*>Ljava/io/Serializable;Ljava/lang/String;)Lorg/picketlink/idm/permission/spi/PermissionVoter$VotingResult;Signature(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketlink/idm/permission/spi/PermissionVoter5(Ljava/lang/Class;Ljava/lang/String;)Ljava/lang/Class;1org/picketo
```
permissionNameLjava/lang/String;:underlyingPermission@Lorg/jboss/as/controller/access/permission/ManagementPermission;

StackMapTable
getActions()Ljava/lang/String;

permissionEffect effects Ljava/util/Map$Entry;underlyingPermission@Lorg/jboss/as/controller/access/Action$ActionEffect;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

oLjava/lang/Object;thathas 
hCode();result1<clinit>()V

SourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;

permissioneffecteffectsLjava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;implies(Ljava/security/Permission;)Z

underlyingEntry Ljava/util/Map$Entry;java/security/Permission;Ljava/util/Map$Entry;java/lang/String;Lorg/jboss/as/controller/access/permission/ManagementPermission;>;equals(Ljava/lang/Object;)Z

Object;thathas 
hCode();result1<clinit>()V

sourceFile$CombinationManagementPermission.javaCombinationManagementPermission;java/util/Map$Entry;java/security/Permission;java/lang/String;

ActionEffect;java/util/TreeSet;org/jboss/as/controller/access/permission/ManagementPermission;java/lang/String;

getActionEffect()Ljava/lang/String;
InnerClasses
permissionFactory=Lorg/jboss/as/controller/access/permission/PermissionFactory;$assertionsDisabled
Z<init>@(Lorg/jboss/as/controller/access/permission/PermissionFactory;)V
CodeLineNumberTable
LocalVariableTable
thisLJorg/jboss/as/controller/access/permission/ManagementPermissionAuthorizer
getDescriptionAuthorizerDescription();
authorize(Lorg/jboss/as/controller/access/Caller;Lorg/jboss/as/controller/access/Environment;Lorg/jboss/as/controller/access/Action;Lorg/jboss/as/controller/access/TargetAttribute;)
userPerms$Ljava/security/PermissionCollection;
requiredPerms
StackMapTable(Lorg/jboss/as/controller/access/Caller;Lorg/jboss/as/controller/access/Environment;Lorg/jboss/as/controller/access/Action;Lorg/jboss/as/controller/access/TargetResource;)
operationLorg/jboss/dmr/ModelNode;~(Ljava/security/PermissionCollection;Ljava/security/PermissionCollection;)
getCallerRoles(Ljava/util/Set;)
getTargetResource1()Lorg/jboss/as/controller/access/TargetResource;
PERMITTED4Lorg/jboss/as/controller/access/AuthorizationResult;;
getUserPermissions(Lorg/jboss/as/controller/access/Caller;Lorg/jboss/as/controller/access/Environment;Lorg/jboss/as/controller/access/Action;Lorg/jboss/as/controller/access/TargetAttribute;)
getRequiredPermissions}(Lorg/jboss/as/controller/access/Action;Lorg/jboss/as/controller/access/TargetAttribute;)
java/security/PermissionCollection
getActionPermissions();
java/security/PermissionCollection
getTargetResource();
java/security/PermissionCollection
getRequiredPermissions();
java/security/PermissionCollection
getActionPermissions();
java/security/PermissionCollection
getUserPermissions();
java/security/PermissionCollection
getTargetResource();
java/security/PermissionCollection
getRequiredPermissions();
java/security/PermissionCollection

org/jboss/as/controller/access/TargetResource getResourceAddress()
Lorg/jboss/as/controller/PathAddress:
get(Ljava/lang/String;);
Lorg/jboss/dmr/ModelNode;#org/jboss/as/controller/PathAddress: pathAddress@ (Lorg/jboss/dmr/ModelNode;);
Lorg/jboss/as/controller/PathAddress: equals((Lorg/jboss/as/controller/PathAddress;); Zelements(Ljava/util/Enumeration; hasMoreElements(Ljava/lang/Object;); implies(Ljava/security/Permission;); Zorg/jboss/as/controller/access/AuthorizationResult DecisionDENY =Lorg/jboss/as/controller/access/AuthorizationResult DecisionDENY;
0org/jboss/as/controller/logging/ControllerLogger ROOT_LOGGER 2 Lorg/jboss/as/controller/logging/ControllerLogger permissionDenied((Ljava/lang/String;); (Ljava/lang/String;); VY (Lorg/jboss/as/controller/access/AuthorizationResult DecisionDecision; (Lorg/jboss/dmr/ModelNode;); V (Lorg/jboss/as/controller/access/Caller; Lorg/jboss/as/controller/access/Environment; Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/dmr/ModelNode;); V (Lorg/jboss/as/controller/access/Environment; Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/access/PermissionCollection; z(Lorg/jboss/as/controller/acce...
Y***+*!,"#$ :Y**'
4]
789
::<=
7>
?@

?:ABCD
E
F
G
HJKLCpi-
Lorg/wildfly/security/util/CodePointIterator;bljava/lang/StringBuilder;stringLjava/lang/String;hasNextZ<init>(Ljava/lang/String;);VCodeLineNumberTable;LocalVariableTable;this=Lorg/wildfly/naming/java/permission/SerializedJndiPermission;readResolve();Ljava/lang/Object;
SourceFileSerializedJndiPermission.java$1org/wildfly/naming/java/permission/JndiPermission;org/wildfly/naming/java/permission/SerializedJndiPermissionjava/lang/Objectjava/io/Serializable()V0
Y***+*!,"#$ :Y**'
4]
789
::<=
7>
?@
serialVersionUID
ConstantValue 0
actionBits = actionString = java/lang/String;
ACTION_BIND
ACTION_REBIND
ACTION_UNBIND
ACTION_LOOKUP
ACTION_LIST
ACTION_LIST_BINDINGS
ACTION_CREATE_SUBCONTEXT @ ACTION_DESTROY_SUBCONTEXT
ACTION_ADD_NAMING_LISTENER
ACTION_ALL
$assertionsDisabled
\(\texttt{init}\) = \(\texttt{\(\langle\)}\texttt{Ljava/lang/String;Ljava/lang/String;:\texttt{V}}\texttt{\rangle}\)
\texttt{CodeLineNumberTable}
\texttt{LocalVariableTable}
this 3
\texttt{org/wildfly/naming/java/permission/JndiPermission;\texttt{nameactions}} = \(\texttt{Ljava/lang/String;}\)
\texttt{implies} = \(\texttt{Ljava/security/Permission;}\)
permission = \(\texttt{Ljava/security/Permission;}\)
\texttt{StackMapTable} = \(\texttt{6}\)
java/lang/String;I
maskedBitsequals(Ljava/lang/Object;)ZotherLjava/lang/Object;hashCode()I
getActions()Ljava/lang/String;bLjava/lang/StringBuilder;m
getActionBitswithNewActions6(I)Lorg/wildfly/naming/java/permission/JndiPermission;G(Ljava/lang/String;)Lorg/wildfly/naming/java/permission/JndiPermission;withActionswithoutActionsnewPermissionCollection&(Ljava/security/PermissionCollection;writeReplace()Ljava/lang/Object;impliesPath(Ljava/lang/String;)ZyourNameimpliesPath0
myNameloggedInjava/util/Iterator;yourItermyNextyourNextLocalVariableTypeTable(Ljava/util/Iterator<Ljava/lang/String;>
String;>;
canonicalize1&(Ljava/lang/String;)Ljava/lang/String;
canonicalize2parseActions(Ljava/lang/String;)I
actionsStringposidxparseActiongetAction(I)Ljava/lang/String;bit<cinit>()V
SourceFileJndiPermission.javajava/lang/Stringgpg1org/wildfly/naming/java/permission/JndiPermissionMNqvqxzvz
{~OP*java/lang/StringBuilder;org/wildfly/naming/java/permission/JndiPermissionCollection;org/wildfly/naming/j
ava/permission/SerializedJndiPermissionghjava:ef
java/lang/AssertionError-<<ALL BINDINGS>>
allbindrebindunbindlookuptalistBindingscreateSubcontextdestroySubcontextaddNamingListenerjava/security/Perm
issionjavavutil/Iteratororg/wildfly/permission/icmpcheckNotNullParam8(Ljava/lang/String;Ljava/lang/Object;)Ljava/
lang/Object;Ljava/lang/StringBuilder;getNamewidth(Ljava/lang/String;Ljava/lang/Object;)Ljava/lang/Object;
gamePermissionInstanceNameParsernameIterator((Ljava/lang/String;)Ljava/util/Iterator;hasNext()ZnextequalsIgnoreCaseindexOflength(II)Ljava/lang/String;trimisEmpty(II)I(org/jboss/as/naming/l
ogging/NamingLoggerROOT_LOGGER*Lorg/jboss/as/naming/logging/NamingLogger;invalidPermissionAction8(Ljava/lang/String;)Ljava/lang/IllegalArgumentException;impossibleSwitchCase$(I)Ljava/lang/IllegalStateException
java/lang/ClassdesiredAssertionStatus1
GHJJKMNOPQNRNSJTUNJVWNJXYNJZ[NJ]*_NJ*aNJbcNJdefghiT*+.,j
"_k lmnPoFgpi*+~
jklk lmnPMNqriW+*+juklmstu@qvid%+**
+~
*+
jk%lm%smu#@qwiH
*+,jk
lm
nP
oPqxW%+->*
~*+
j
k%lm%nPM%MN
yNu#@z{iW+*+jklm]|u@zvih(*+ + *++
+}jk(lm|mu"@-i:.*h*+jklmi&w*L+*+
=*Z>Y:*W=:=,;*W==*Z*ZjFS(1<BFK|dok41>wlmOPgMN$SNu"!
i/*
jklmif~<*
*Y*jklMNuiE+jklmoPiC*-*
jklMNiE*+jklmoPiE**
ConstantValuem?OF<init>(Ljava/lang/String;)VCodeLineNumberTableLocalVariableTablethisALorg/wildfly/secur
ity/auth/permission/ChangeRoleMapperPermission:nameLjava/lang/String;'(Ljava/lang/String;Ljava/lang/String;)Vi
gnoredWithNameU(Ljava/lang/String;);Lorg/wildfly/security/auth/permission/ChangeRoleMapperPermission;M(LJa
va/lang/String;);Lorg/wildfly/security/permission/AbstractNamedPermission;
SignatureLorg/wildfly/security/permission/AbstractNameOnlyPermission<Lorg/wildfly/security/auth/permission/Ch
angeRoleMapperPermission;>;SourceFileChangeRoleMapperPermission.java?org/wildfly/security/auth/permission/ChangeRoleMapperPermission
org/wildfly/security/permission/AbstractNameOnlyPermission1
>/*+
$%
H**+
./
=Y+2A
0*+
4
CD
EFG
H
IK
LM
LN
OPQJR
ST
UVW
XY
Z[
\]
]^V`abcbyName(Ljava/util/concurrent/ConcurrentHashMap;
SignatureVLjava/util/concurrent/ConcurrentHashMap<Ljava/lang/String;Ljava/security/Permission;>;allLjava/secur
ity/Permission;<init>7(Lorg/wildfly/security/permission/AbstractPermission;)VCodeLineNumberTableLocalVariabl
eTablethisLorg/wildfly/security/permission/ByNamePermissionCollection;sourcePermission4Lorg/wildfly/security
/permission/AbstractPermission;LocalVariableTypeTable7Lorg/wildfly/security/permission/AbstractPermission<*>
;:(Lorg/wildfly/security/permission/AbstractPermission<*>;)Vsize()I
StackMapTableiterator()Ljava/util/Iterator;2()Ljava/util/Iterator<Ljava/security/Permission;>;elements()Ljava/util/E
umeration;5()Ljava/util/Enumeration<Ljava/security/Permission;>;getIterablePermissions()Ljava/util/Collection;d
4()Ljava/util/Collection<Ljava/security/Permission;>;doAdd
permissionimplies(Ljava/security/Permission;)Z
ourPermissiona
SourceFileByNamePermissionCollection.java"#&java/util/concurrent/ConcurrentHashMap"e
!/.78d12ghijk8lnnopqrstuv*wxys=[{}]->java/security/Permission:org/wildfly/security/permission/ByNamePermis
sionCollection<org/wildfly/security/permission/AbstractPermissionCollectionjava/util/Collection()Vjava/util/Collec
tionsenumeration(Ljava/util/Collection;)Ljava/util/Enumeration;
singleton#(Ljava/lang/Object;);Ljava/util/List;values.org/wildfly/security/permission/PermissionUtilNO_PERMISSI
ONS[Ljava/security/Permission:toArray((Ljava/lang/Object;)[Ljava/lang/Object;java/util/ArraysasList%((Ljava/lang
g/Object;)Ljava/util/List;2org/wildfly/security/permission/AbstractPermissiongetName()Ljava/lang/String;java/lang/String
equals(Ljava/lang/Object;)ZclearputIfAbsent8(Ljava/lang/Object;Ljava/lang/Object;)Ljava/lang/Object;getSo
urcePermission6()Lorg/wildfly/security/permission/AbstractPermission;java/lang/Object.getClass()Ljava/lang/Class;
get&(Ljava/lang/Object;)Ljava/lang/Object;1B !"#$%&'()*)+,-./0123456789:
<=>?@ABCDEFGHIJKLMNOPQRSTUVWXYZ[\]^_`abcdefghijklmnopqrstuvwxyz{|}~

%<&$'(0Q9;#)$)+***W%@ABD(F&')(<*+)0.=&>$D+*+*M.+*+*N+-*%ILMN#P2Q&*D(D<!+
!2?!0@@@AB
4M

6
78
6
9:
;<
=>?

?@AB<init>()VCodeLineNumberTableLocalVariableTablethisInnerClasses5Lorg/wildfly/security/permission/Permi
ssionActions$1;computeValueInfoK(Ljava/lang/Class;)Lorg/wildfly/security/permission/PermissionActions$Info;ty
peLjava/lang/Class;LocalVariableTypeTableLjava/lang/Class<*>;
SignatureQ(Ljava/lang/Class<*>;)Lorg/wildfly/security/permission/PermissionActions$Info<*>;computeRealeLjav
a/lang/Object;rootTrieNode<Lorg/wildfly/security/permission/PermissionActions$TrieNode;
enumConstants[Ljava/lang/Object;TE;Ljava/lang/Class<TE;>;ALorg/wildfly/security/PermissionAction
s$TrieNode<TE;>;
StackMapTableAC8%k<E:Ljava/lang/Object;>(Ljava/lang/Class<TE;>)Lorg/wildfly/security/permission/Permissi
onActions$Info<TE;>;%(Ljava/lang/Class;Ljava/lang/Object;SLjava/lang/ClassValue<Lorg/wildfly/security/permi
ssion/PermissionActions$Info<TE;>;>
;SourceFilePermissionActions.javaEnclosingMethodD
:L3org/wildfly/security/permission/PermissionActions$TrieNodeCEFGHIJK6org/wildfly/security/permission/Permissi
onActions$Info
L3org/wildfly/security/permission/PermissionActions$1java/lang/ClassValuejava/lang/Class1org/wildfly/security/p
ermission/PermissionActions$getEnumConstants(I)Ljava/lang/Object;java/lang/ObjecttoString()Ljava/lang/String;pu
t((Ljava/lang/String;ILjava/lang/Object;)V0
/*IL*+nEYM+N::662::Y,+rs
t&u2t8w4& EE=!#
8$%*&EE=!(
8$)*+.-D00**+
11234555"
4|
BCDE
FG
H/

I
JIK
LMN
OPQserialVersionUIDJ
ConstantValuepermissionsRef-Ljava/util/concurrent/atomic/AtomicReference;
SignatureJLjava/util/concurrent/atomic/AtomicReference<<Ljava/security/Permission;>;\init>7Lorg/wildfly/security/permission/AbstractPermission;VCodelineNumberTableLocalVariableTablethisLorg/wildfly/security/permission/SimplePermissionCollection;sourcePermission4Lorg/wildfly/security/permission/AbstractPermission;LocalVariableTableSimpleTypeTable7Lorg/wildfly/security/permission/AbstractPermission<*>.;Lorg/wildfly/security/permission/AbstractPermission<*>.;Vsize()IdoAddtestLjava/security/Permission;iI
permissionoldValILjava/security/Permission;readValnewValcount
StackMapTablePRCKimplies(Ljava/security/Permission;);Ziterator(Ljava/util/Iterator;2Ljava/util/Iterator<Ljava/security/Permission;>;;java/security/Permission;>;:elements(Ljava/util/Enumeration;5Ljava/util/Enumeration<<Ljava/security/Permission;>;;java/security/Permission;>;;
SourceFileSimplePermissionCollection.java+java/util/concurrent/atomic/AtomicReferenceST/UVW89Rjava/security/PermissionXY'org/wildfly/security/util/StringEnumeration-Lorg/wildfly/security/util/StringEnumeration;newInstance(Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission;)Lorg/wildfly/security/permission/AbstractPermissionCollection;Signature(Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission<*>;)Lorg/wildfly/security/permission/AbstractPermissionCollection;(Lorg/wildfly/security/permission/AbstractPermission;Lorg/wildfly/security/util/StringEnumeration;)

++
N-`
6.;66

# 2:+
S
+S,cV8:<=~?6@7B@DC>lHRIWJ\kLJ\MNLQ\Rs`*]
*98+, -"/G1/2,.#-S|y456456
45675456 %890*M,>6,2:+VW&X(V.[ ]*0-+3;;<Y*
<=<<Y*
c ?@A
4J
23
4
56
789
:;
5<
=>@serialVersionUIDJ
ConstantValueqGrnameEnumeration-
Lorg/wildfly/security/util/StringEnumeration;newInstance(Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission;);Lorg/wildfly/security/permission/AbstractPermissionCollection;CodeLineNumberTableLocalVariableTablesourcePermission?Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission;LocalVariableTypeTableB
Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission<*>.;Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission<*>.;Lorg/wildfly/security/permission/AbstractPermissionCollection;Lorg/wildfly/security/permission/AbstractPermission;Lorg/wildfly/security/util/Stri
asSubclass$L(java/lang/Class;Ljava/lang/Class;invalidPermissionTypeQ$L(java/lang/Class;Ljava/security/Permission;Ljava/lang/Class;Ljava/security/Permission;Ljava/lang/Object;Ljava/lang/Object;A$org/wildfly/security/permission/AbstractPermissionCollection;)Vc**W**M,+.*+.+!'LMO$P,Q7SCT"D#SD12$34%$35678&9;/!*"#$;<=3Y*c"#>$?@4A
A
B
C
D
E
F
G
HIJS
KL
M
N
O
P
QRserialVersionUIDJConstantValue;V3<init>(Ljava/lang/String;)VCodeLineNumberTableLocalVariableTablethis$Lorg/wildfly/security/permission/AbstractActionPermission;nameLjava/lang/String;LocalVariableTypeTableBLorg/wildfly/security/permission/AbstractActionPermission<TThis;>;implies=(Lorg/wildfly/security/permission/AbstractActionPermission;)ZpermissionTThis;
StackMapTableSignature(TThis;)ZequalsHashCode()IactionsEquals(Ljava/lang/String;ZLjava/security/Permission;ZLjava/security/Permission;actionsHashCodeimpliesActionsWithActionsN$Ljava/lang/String;Lorg/wildfly/security/permission/AbstractActionPermission;Lorg/wildfly/security/permission/AbstractActionPermission;Ljava/lang/String;)TTThis;withActionsFromv$Lorg/wildfly/security/permission/AbstractActionPermission;Lorg/wildfly/security/permission/AbstractActionPermission;TTThis;nullActionsFrom<TThis$Lorg/wildfly/security/permission/AbstractNamedPermission;Z7$Lorg/wildfly/security/permission/AbstractNamedPermission<TThis;>;);Lorg/wildfly/security/permission/AbstractNamedPermission<TThis;>;SourceFileAbstractActionPermission.java1#S<)#,*+TUV8org/wildfly/security/permission/AbstractActionPermissionWXYZ[23:3]#*Torg/wildfly/security/permission/AbstractNamedPermissionimpliesNamejava/lang/ObjectgetClass$Ljava/lang/Class;org/wildfly/common/AssertcheckNotNullParam8$Ljava/lang/String;Ljava/lang/Object;)Ljava/lang/Object;Ljava/lang/String;getActions()Ljava/lang/String;:!P**+
() !"#u+*+*+4$ !$%&@()#q*+*+@$ !$%&@!(*+I
*5h*:D
!.,q +**+X $/ !&@.#(0+1-1.q +**+{ $/ !&@1#(23'456d
+W*+
$ !$%783'496d
+W*+
$ !$%7'3'4;6d
+W*+
$ !$%7A)<E*+ !A"<E*+ !A)=E*+ !A"=E*+ !'>@
serialVersionUID
ConstantValues
actionEnumeration
Lorg/wildfly/security/util/StringEnumeration;
actionBits
actionsLjava/lang/String;<init>C(Ljava/lang/String;ILorg/wildfly/security/util/StringEnumeration;)VCod
eLineNumberTableLocalVariableTablethis=Lorg/wildfly/security/permission/AbstractActionSetPermission;nameLo
calVariableTypeTableELorg/wildfly/security/permission/AbstractActionSetPermission<TThis;>;StackMapTableT(Ljava/lang/String;LJava/lang/String;Lorg/wildfly/security/permission/util/StringEnumeration;)
V
getActionBits()I
actionsEquals@(Lorg/wildfly/security/permission/AbstractActionSetPermission;)Z
permissionTTThis;Signature
(TThis;)ZimpliesActions(Ljava/lang/String;);ZimpliesActionBits(I)ZactionsMaskgetActionBit(Ljava/lang/String;)I
actionName
Exceptions
getActionName(Ljava/lang/String;bitactionsHashCode
getActions(Ljava/lang/String;parseActions
actionsStringwithActionsQ(Ljava/lang/String;)Lorg/wildfly/security/permission/AbstractActionSetPermission;(Ljav
a/lang/String;)TTThis;withActionsFrom(Lorg/wildfly/security/permission/AbstractActionSetPermission;)Lorg/wildfl
y/security/permission/AbstractActionSetPermission;TTThis;)TTThis;withActionBits@(I)Lorg/wildfly/security/permis
sion/AbstractActionSetPermission;
(I)TTThis;withoutActionswithoutActionsFromwithoutActionBitswithNewActionswithNewActionsFromwithNewActi
onBitsmaskedconstructWithActionBitsisSet(I)Zbitstestv(Lorg/wildfly/security/permission/AbstractActionPermission;
N(Ljava/lang/String;)Lorg/wildfly/security/permission/AbstractActionPermission;N(Ljava/lang/String;)Lorg/wildfly/security/permission/AbstractActionPermission;=(Lorg/wildfly/security/permission/AbstractActionPermission;)Z<TThis:Lorg/wildfly/security/permission/AbstractActionSetPermission<TThis;>Lorg/wildfly/security/permission/AbstractActionPermission<TThis;>;
SourceFile
AbstractActionSetPermission.java,&'G<()**+SI;<fgEF<INBootstrapMethodsNIS\c\e\c\org/wildfly/security/permis
sion/AbstractActionSetPermissionbYaV_Y^VXYVUC>=>8org/wildfly/security/permission/AbstractActionPermISS
onjava/lang/String+org/wildfly/security/util/StringEnumeration"java/lang/IllegalArgumentException(Ljava/lang/Stri
g;);VsizeindexOfjava/lang/IntegernumberOfTrailingZeros(I)nameOf
applyAsInta(Lorg/wildfly/security/permission/AbstractActionSetPermission;Ljavax/java/util/function/ToIntFunction;)IMNHI"java/lang/invoke/LambdaMetafactorymetafactoryLooku
pInnerClasses(Ljavax/java/lang/invoke/MethodHandles$Lookup;Ljavax/java/lang/invoke/MethodHandle;Ljavax/java/lang/invoke/MethodType;Ljavax/java/
lang/invoke/MethodType;Ljavax/java/lang/invoke/MethodHandle;Ljavax/java/lang/invoke/MethodType;)Ljava/lang/invoke/Cal
lSite;%java/lang/invoke/MethodHandles$lookupjava/lang/invoke/MethodHandles!
Open Source Used In OneID 1.0.1
Open Source Used In OneID 1.0.1

SourceFile)SimpleActionBitsPermissionCollection.java-
+java/util/concurrent/atomic/AtomicReferenceabc;org/wildfly/security/permission/AbstractActionSetPermission,def
gh+klmno'org/wildfly/security/util/ArrayIterator[Ljava/lang/Object;pDorg/wildfly/security/permission/Simple
ActionBitsPermissionCollection<org/wildfly/security/permission/AbstractPermissionCollection(Ljava/lang/Object;)
Vget()Ljava/lang/Object;-
org/wildfly/security/_private/ElytronMessageslog/Lorg/wildfly/security/_private/ElytronMessages:invalidPermissio
typeQ(Ljava/lang/Class;Ljava/security/Permission;)Ljava/lang/IllegalArgumentException;
nameEquals
getActionBitswithActionBits@(I)Lorg/wildfly/security/permission/AbstractActionSetPermission;
compareAndSet'(Ljava/lang/Object;Ljava/lang/Object;)Zjava/security/Permission([Ljava/lang/Object;)V1
b*+*Y/0"#$%&'()*+ 6*!3"#$,- r+*+
+!78:"#$./'.012, *:N6-M+:6

C
2:
+6
N-.-6:66

#
2:+
S
+S.@!n@BCEFH0I:K;MEOPQSRVT"VcHiYl[u]z^_ab'efg"p033&^4&3&856#.$&78G9;6R033(^4,.(78G91;<=
;<=;<=
<$/;<=&?*M,>+lj&l(j.o" 3@0#$0.@1AB <Y*<s"#$CDE <Y*<w"#$FGH !%IJ
4O
12
345
67
68
69
:
6;
<=??addedZ<init>7(Lorg/wildfly/security/permission/AbstractPermission;)VCodeLineNumberTableLocalVariable
Tablethis=Lorg/wildfly/security/permission/BooleanPermissionCollection;sourcePermission4Lorg/wildfly/security/
permission/AbstractPermission;LocalVariableTypeTable7Lorg/wildfly/security/permission/AbstractPermission<*/;
Signature:(Lorg/wildfly/security/permission/AbstractPermission<*/;)Vsize()1
StackMapTableiterator()Ljava/util/Iterator;@2()Ljava/util/Iterator<Ljava/security/Permission;>;elements()Ljava/util
/Enumeration;AS5()Ljava/util/Enumeration<Ljava/security/Permission;>;getSingletonCollection()Ljava/util/Set;-
()Ljava/util/Set<Ljava/security/Permission;>;doAdd
permissionimplies(Ljava/security/Permission;)ZLjava/security/Permission;
SourceFile BooleanPermissionCollection.java
'B CD
EFGSHIJKLMN;org/wildfly/security/permission/BooleanPermissionCollection<org/wildfly/security/permission/Ab
Open Source Used In OneID 1.0.1

AbstractPermissionCollection
java/util/Iterator
java/util/Enumeration
emptyIteratorEnumeration((Ljava/util/Collection;);Ljava/util/Enumeration;emptyEnumeration
getSourcePermission6(Lorg/wildfly/security/permission/AbstractPermission;
singleton#(Ljava/lang/Object;);Ljava/util/Object;java/lang/Object;java/lang/Class;1B
P*+
*B
.*
@N**1B"#$L*
*5B%&'(2*9)*P*
=>++,-Z*
 A+.@/0
4J,
.-
/0
12
34
5

6
7
9::nameEnumeration
Lorg/wildfly/security/util/StringEnumeration;<init>B(Ljava/lang/String;Lorg/wildfly/security/util/StringEnumeration;)
VCodeLineNumberTable
LocalVariableTable
this?Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission;
nameLjava/lang/String;LocalVariableTypeTable
Gorg/wildfly/security/permission/AbstractNameSetOnlyPermission<TThis;>;=getNameEnumeration/()Lorg/wildfly/security/util/StringEnumeration;
newPermissionCollection@()Lorg/wildfly/security/permission/AbstractPermissionCollection;
nameEquals(Ljava/lang/String;)ZimpliesNameHashCode()I&()Ljava/security/PermissionCollection;
Signature<LThis:Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission<TThis;>;>Lorg/wildfly/security/permission/AbstractNameSetOnlyPermission<TThis;>; SourceFile"AbstractNameSetOnlyPermission.java*<>?=@ABCD"#$FGHI
!org/wildfly/security/permission/AbstractNameSetOnlyPermission:org/wildfly/security/permission/AbstractNameOnlyPermissionjava/lang/String+org/wildfly/security/util/StringEnumerationequals(Ljava/lang/Object;)Z
canonicalName&(Ljava/lang/String;)Ljava/lang/String;(Ljava/lang/String;)Ljava/lang/String;(Ljava/lang/String;)V;org/wildfly/security/permission/NameSetPermissionCollectionnewInstance(Lorg/wildfly/security/permission/AbstractPermission:Lorg/wildfly/security/util/StringEnumeration;Lorg/wildfly/security/permission/AbstractPermissionCollection;getName();Ljava/lang/String;indexOf(Ljava/lang/String;));!
*++,++.()OA*,!E**0"#L*+4S#L*+8%&H**
<A'A*(-)+
4
V
WX
YZ
Open Source Used In OneID 1.0.1

```java
rstIterInnerClassesbitset+Ljava/util/concurrent/atomic/AtomicInteger;<init>d(Lorg/wildfly/security/permission/AbstractPermission;Lorg/wildfly/security/util/StringEnumeration;)VCodeLineNumberTableLocalVariableTablethis@Lorg/wildfly/security/permission/IntNameSetPermissionCollection;sourcePermission4Lorg/wildfly/security/permission/AbstractPermission;nameEnumeration-Lorg/wildfly/security/util/StringEnumeration;LocalVariableTypeTable7Lorg/wildfly/security/permission/AbstractPermission<>;
Signatureg(Lorg/wildfly/security/permission/AbstractPermission<>;Lorg/wildfly/security/util/StringEnumeration;)V
permissionFor(I)Ljava/security/Permission;idDoAdd7(Lorg/wildfly/security/permission/AbstractPermission;)V
permissionsetBitsoldVal
StackMapTableX:(Lorg/wildfly/security/permission/AbstractPermission<>;Lorg/wildfly/security/util/StringEnumeration;)V
ZLjava/security/Permission;testBitsJsze(I)Iterator1()Lorg/wildfly/security/permission/IntNameSetPermissionCollection;Lorg/wildfly/security/permission/AbstractPermission;M()Lorg/wildfly/security/permission/IntNameSetPermissionCollection;Ljava/lang/String;avsw(J)java/lang/Enumeration;()Ljava/lang/Iterator;
access$000()Lorg/wildfly/security/permission/IntNameSetPermissionCollection;Ljava/lang/Class;java/lang/IntegerbitCount(I)ID(Lorg/wildfly/security/permission/AbstractPermission;)Ljava/security/Permission;getNameEnumeration()Lorg/wildfly/security/permission/AbstractPermission;getName();Lorg/wildfly/security/permission/AbstractNamedPermission;getcompareTo(Ljava/security/Permission;)I
getEqualityHashcode(I)I
getName()Ljava/lang/String;
getsources(Ljava/security/Permission;Lorg/wildfly/security/permission/IntNameSetPermissionCollection;Lorg/wildfly/security/permission/AbstractPermission;Lorg/wildfly/security/permission/AbstractPermission;Lorg/wildfly/security/permission/IntNameSetPermissionCollection;Ljava/lang/String;java/lang/IntegerbitCount(Ljava/lang/Class;java/lang/Integer);getnameName();getequalName();getcompareTo();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget();getget;
```java

 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
 MAVEN_COORDINATE
```
h !"-@3*q ++*++
t +," #-@3.p+++-"#+-/@&0&4.m++
+"#+-/@&0.5.m+++6"#6/-@&072L*#A58E*+$"#A48E*+$"#&9;;
41
!"#*$%
&(){val$elementsL/java/util/Enumeration;<init>(Ljava/util/Enumeration;)VCodeLineNumberTableLocalVariableTablethisInnerClasses2Lorg/wildfly/security/permission/PermissionUtil$1;hasNext()Znext()Ljava/security/Permission(;)
|java/lang/Object;SignatureBLjava/lang/Object;Ljava/util/Iterator<Ljava/security/Permission;>;SourceFilePermissionUtil.javaEnclosingMethod**+, -
|./0java/security/Permission0org/wildfly/security/permission/PermissionUtil$1java/lang/Objectjava/util/Iterator.org/wildfly/security/permission/PermissionUtil$1lambdaisable$0:(Ljava/security/PermissionCollection;)Ljava/util/Iterator();Vjava/util/EnumerationhasMoreElementsnextElement0
4
*++
4
*
7
*
A/*
4;
*.
-. 
-123setLjava/util/EnumSet;
SignatureLjava/util/EnumSet<TE;>;<init>(Ljava/util/EnumSet;)VCodeLineNumberTableLocalVariableTablethisSetMatchActionInnerClassesBLorg/wildfly/security/permission/PermissionActions$SetMatchAction;LocalVariableTypetableGLorg/wildfly/security/permission/PermissionActions$SetMatchAction<TE;>()V matched(Ljava/lang/Enum;)VitemLjava/lang/Enum;TE(TE;)V
matchedAll(Ljava/lang/Class;)VtypeLjava/lang/Class;Ljava/lang/Class<TE;>()Ljava/lang/Class<TE;>();VgetSet(Ljava.util/EnumSet;)(java/lang/Enum<TE;>;:MatchActiono<E:Ljava/lang/Enum<TE;>;:Ljava/lang/Object;org/wildfly/security/permission/PermissionActions$MatchAction<TE;>;
SourceFilePermissionActions.java4
56789@org/wildfly/security/permission/PermissionActions$SetMatchActionjava/lang/Object=org/wildfly/security/permission/PermissionActions$MatchAction()Vjava/util/EnumSetadd(Ljava/lang/Object;)ZallOf&(Ljava/lang/Class;)Ljava/security/PermissionCollection;
Ljava/lang/Object;Lorg/wildfly/security/permission/PermissionActions
b
**+

^  
**+W
GNU LIBRARY GENERAL PUBLIC LICENSE

Version 2, June 1991

Copyright (C) 1991 Free Software Foundation, Inc.
59 Temple Place - Suite 330, Boston, MA 02111-1307, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the library GPL. It is
timed 2 because it goes with version 2 of the ordinary GPL.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Library General Public License, applies to some
specially designated Free Software Foundation software, and to any
other libraries whose authors decide to use it. You can use it for
your libraries, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library, or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link a program with the library, you must provide complete object files to the recipients so that they can relink them with the library, after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

Our method of protecting your rights has two steps: (1) copyright the library, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the library.

Also, for each distributor's protection, we want to make certain that everyone understands that there is no warranty for this free library. If the library is modified by someone else and passed on, we want its recipients to know that what they have is not the original version, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that companies distributing free software will individually obtain patent licenses, thus in effect transforming the program into proprietary software. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License, which was designed for utility programs. This license, the GNU Library General Public License, applies to certain designated libraries. This license is quite different from the ordinary one; be sure to read it in full, and don't assume that anything in it is the same as in the ordinary license.

The reason we have a separate public license for some libraries is that they blur the distinction we usually make between modifying or adding to a program and simply using it. Linking a program with a library, without changing the library, is in some sense simply using the library, and is
analogous to running a utility program or application program. However, in a textual and legal sense, the linked executable is a combined work, a derivative of the original library, and the ordinary General Public License treats it as such.

Because of this blurred distinction, using the ordinary General Public License for libraries did not effectively promote software sharing, because most developers did not use the libraries. We concluded that weaker conditions might promote sharing better.

However, unrestricted linking of non-free programs would deprive the users of those programs of all benefit from the free status of the libraries themselves. This Library General Public License is intended to permit developers of non-free programs to use free libraries, while preserving your freedom as a user of such programs to change the free libraries that are incorporated in them. (We have not seen how to achieve this as regards changes in header files, but we have achieved it as regards changes in the actual functions of the Library.) The hope is that this will lead to faster development of free libraries.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, while the latter only works together with the library.

Note that it is possible for a library to be covered by the ordinary General Public License rather than by this special one.

GNU LIBRARY GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Library General Public License (also called "this License"). Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is
"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) The modified work must itself be a software library.

   b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

   c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

   d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.
(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany
it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also compile or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.
You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

c) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

d) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the
Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above,

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Library General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free
Software Foundation; we sometimes make exceptions for this. Our
decision will be guided by the two goals of preserving the free status
of all derivatives of our free software and of promoting the sharing
and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY. TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

Appendix: How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest
possible use to the public, we recommend making it free software that
everyone can redistribute and change. You can do so by permitting
redistribution under these terms (or, alternatively, under the terms of the
ordinary General Public License).

To apply these terms, attach the following notices to the library. It is
safest to attach them to the start of each source file to most effectively
convey the exclusion of warranty; and each file should have at least the
"copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or
modify it under the terms of the GNU Library General Public
License as published by the Free Software Foundation; either
version 2 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Library General Public License for more details.

You should have received a copy of the GNU Library General Public
License along with this library; if not, write to the Free
Software Foundation, Inc., 59 Temple Place - Suite 330, Boston,
MA 02111-1307, USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your
school, if any, to sign a "copyright disclaimer" for the library, if
necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the
library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
LICENSE AGREEMENT
JBOSSt(r)

This License Agreement governs the use of the Software Packages and any updates to the Software
Packages, regardless of the delivery mechanism. Each Software Package is a collective work
under U.S. Copyright Law. Subject to the following terms, Red Hat, Inc. ("Red Hat") grants to
the user ("Client") a license to the applicable collective work(s) pursuant to the
GNU Lesser General Public License v. 2.1 except for the following Software Packages:
(a) JBoss Portal Forums and JBoss Transactions JTS, each of which is licensed pursuant to the
GNU General Public License v.2; and
(b) JBoss Rules, which is licensed pursuant to the Apache License v.2.0;
(c) an optional download for JBoss Cache for the Berkeley DB for Java database, which is licensed under the
(open source) Sleepycat License (if Client does not wish to use the open source version of this database,
it may purchase a license from Sleepycat Software);
and (d) the BPEL extension for JBoss jBPM, which is licensed under the Common Public License v.1,
and, pursuant to the OASIS BPEL4WS standard, requires parties wishing to redistribute to enter various
royalty-free patent licenses.

Each of the foregoing licenses is available at http://www.opensource.org/licenses/index.php.
1. The Software. "Software Packages" refer to the various software modules that are created and made available for distribution by the JBoss.org open source community at http://www.jboss.org. Each of the Software Packages may be comprised of hundreds of software components. The end user license agreement for each component is located in the component's source code. With the exception of certain image files identified in Section 2 below, the license terms for the components permit Client to copy, modify, and redistribute the component, in both source code and binary code forms. This agreement does not limit Client's rights under, or grant Client rights that supersede, the license terms of any particular component.

2. Intellectual Property Rights. The Software Packages are owned by Red Hat and others and are protected under copyright and other laws. Title to the Software Packages and any component, or to any copy, modification, or merged portion shall remain with the aforementioned, subject to the applicable license. The “JBoss” trademark, "Red Hat" trademark, the individual Software Package trademarks, and the "Shadowman" logo are registered trademarks of Red Hat and its affiliates in the U.S. and other countries. This agreement permits Client to distribute unmodified copies of the Software Packages using the Red Hat trademarks that Red Hat has inserted in the Software Packages on the condition that Client follows Red Hat's trademark guidelines for those trademarks located at http://www.redhat.com/about/corporate/trademark/. Client must abide by these trademark guidelines when distributing the Software Packages, regardless of whether the Software Packages have been modified. If Client modifies the Software Packages, then Client must replace all Red Hat trademarks and logos identified at http://www.jboss.com/company/logos, unless a separate agreement with Red Hat is executed or other permission granted. Merely deleting the files containing the Red Hat trademarks may corrupt the Software Packages.

3. Limited Warranty. Except as specifically stated in this Paragraph 3 or a license for a particular component, to the maximum extent permitted under applicable law, the Software Packages and the components are provided and licensed "as is" without warranty of any kind, expressed or implied, including the implied warranties of merchantability, non-infringement or fitness for a particular purpose. Red Hat warrants that the media on which Software Packages may be furnished will be free from defects in materials and manufacture under normal use for a period of 30 days from the date of delivery to Client. Red Hat does not warrant that the functions contained in the Software Packages will meet Client's requirements or that the operation of the Software Packages will be entirely error free or appear precisely as described in the accompanying documentation. This warranty extends only to the party that purchases the Services pertaining to the Software Packages from Red Hat or a Red Hat authorized distributor.

4. Limitation of Remedies and Liability. To the maximum extent permitted by applicable law, the remedies described below are accepted by Client as its only remedies. Red Hat's entire liability, and Client's exclusive remedies, shall be: If the Software media is defective, Client may return it within 30 days of delivery along with a copy of Client's payment receipt and Red Hat, at its option, will replace it or refund the money paid by Client for the Software. To the maximum extent permitted by applicable law, Red Hat or any Red Hat authorized dealer will not be liable to Client for any incidental or consequential
damages, including lost profits or lost savings arising out of the use or inability to use the Software, even if Red Hat or such dealer has been advised of the possibility of such damages. In no event shall Red Hat's liability under this agreement exceed the amount that Client paid to Red Hat under this Agreement during the twelve months preceding the action.

5. Export Control. As required by U.S. law, Client represents and warrants that it:
(a) understands that the Software Packages are subject to export controls under the U.S. Commerce Department's Export Administration Regulations ("EAR");

(b) is not located in a prohibited destination country under the EAR or U.S. sanctions regulations (currently Cuba, Iran, Iraq, Libya, North Korea, Sudan and Syria);

(c) will not export, re-export, or transfer the Software Packages to any prohibited destination, entity, or individual without the necessary export license(s) or authorization(s) from the U.S. Government;

(d) will not use or transfer the Software Packages for use in any sensitive nuclear, chemical or biological weapons, or missile technology end-uses unless authorized by the U.S. Government by regulation or specific license;

(e) understands and agrees that if it is in the United States and exports or transfers the Software Packages to eligible end users, it will, as required by EAR Section 740.17(e), submit semi-annual reports to the Commerce Department's Bureau of Industry & Security (BIS), which include the name and address (including country) of each transferee;

and (f) understands that countries other than the United States may restrict the import, use, or export of encryption products and that it shall be solely responsible for compliance with any such import, use, or export restrictions.

6. Third Party Programs. Red Hat may distribute third party software programs with the Software Packages that are not part of the Software Packages and which Client must install separately. These third party programs are subject to their own license terms. The license terms either accompany the programs or can be viewed at http://www.redhat.com/licenses/. If Client does not agree to abide by the applicable license terms for such programs, then Client may not install them. If Client wishes to install the programs on more than one system or transfer the programs to another party, then Client must contact the licensor of the programs.

7. General. If any provision of this agreement is held to be unenforceable, that shall not affect the enforceability of the remaining provisions. This License Agreement shall be governed by the laws of the State of North Carolina and of the United States, without regard to any conflict of laws provisions, except that the United Nations Convention on the International Sale of Goods shall not apply.

Copyright 2006 Red Hat, Inc. All rights reserved.
“JBoss” and the JBoss logo are registered trademarks of Red Hat, Inc.
All other trademarks are the property of their respective owners.
Version 1.1.1

Copyright (c) 2002 Extreme! Lab, Indiana University. All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions
are met:

1. Redistributions of source code must retain the above copyright notice,
   this list of conditions and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright
   notice, this list of conditions and the following disclaimer in
   the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any,
   must include the following acknowledgment:

   "This product includes software developed by the Indiana University
   Extreme! Lab (http://www.extreme.indiana.edu/)."

   Alternately, this acknowledgment may appear in the software itself,
   if and wherever such third-party acknowledgments normally appear.

4. The names "Indiana Univeristy" and "Indiana Univeristy Extreme! Lab"
   must not be used to endorse or promote products derived from this
   software without prior written permission. For written permission,
   please contact http://www.extreme.indiana.edu/.

5. Products derived from this software may not use "Indiana Univeristy"
   name nor may "Indiana Univeristy" appear in their name, without prior
   written permission of the Indiana University.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED
WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF
MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED.
IN NO EVENT SHALL THE AUTHORS, COPYRIGHT HOLDERS OR ITS CONTRIBUTORS
BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR
CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF
SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR
BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR
OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF
ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Copyright 2003 Sun Microsystems, Inc. All Rights Reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are met:
1. Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

2. Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed or intended for use in the design, construction, operation or maintenance of any nuclear facility.

/********************************************************************************
* CruiseControl, a Continuous Integration Toolkit
* Copyright (c) 2001-2003, ThoughtWorks, Inc.
* 651 W Washington Ave. Suite 500
* Chicago, IL 60661 USA
* All rights reserved.
* *
* Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
* *
* + Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* *
* + Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* *
* + Neither the name of ThoughtWorks, Inc., CruiseControl, nor the names of its contributors may be used to endorse or promote

Open Source Used In OneID 1.0.1
* products derived from this software without specific prior
* written permission.
* 
* THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS
* "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT
* LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR
* A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR
* CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL,
* EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO,
* PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
* PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF
* LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING
* NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
* SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

**********************************************************************

Javolution - Java(TM) Solution for Real-Time and Embedded Systems
Copyright (c) 2006, Javolution (http://javolution.org)
All rights reserved.

Redistribution and use in source and binary forms, with or without modification,
are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice,
  this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice,
  this list of conditions and the following disclaimer in the documentation
  and/or other materials provided with the distribution.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND
ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED
WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE
DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR
ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES
(INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES;
LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON
ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT
(INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS
SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.
Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is
linked with the Library has the freedom and the wherewithal to run
that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and
modification follow. Pay close attention to the difference between a
"work based on the library" and a "work that uses the library". The
former contains code derived from the library, whereas the latter must
be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other
program which contains a notice placed by the copyright holder or
other authorized party saying it may be distributed under the terms of
this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data
prepared so as to be conveniently linked with application programs
(which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work
which has been distributed under these terms. A "work based on the
Library" means either the Library or any derivative work under
copyright law: that is to say, a work containing the Library or a
portion of it, either verbatim or with modifications and/or translated
straightforwardly into another language. (Hereinafter, translation is
included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for
making modifications to it. For a library, complete source code means
all the source code for all modules it contains, plus any associated
interface definition files, plus the scripts used to control compilation
and installation of the library.

Activities other than copying, distribution and modification are not
covered by this License: they are outside its scope. The act of
running a program using the Library is not restricted, and output from
such a program is covered only if its contents constitute a work based
on the Library (independent of the use of the Library in a tool for
writing it). Whether that is true depends on what the Library does
and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's
complete source code as you receive it, in any medium, provided that
you conspicuously and appropriately publish on each copy an
appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.
Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library
creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)

Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood
that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

    a) Accompany the combined library with a copy of the same work
based on the Library, uncombined with any other library
facilities. This must be distributed under the terms of the
Sections above.

b) Give prominent notice with the combined library of the fact
that part of it is a work based on the Library, and explaining
where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute
the Library except as expressly provided under this License. Any
attempt otherwise to copy, modify, sublicense, link with, or
distribute the Library is void, and will automatically terminate your
rights under this License. However, parties who have received copies,
or rights, from you under this License will not have their licenses
terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not
signed it. However, nothing else grants you permission to modify or
distribute the Library or its derivative works. These actions are
prohibited by law if you do not accept this License. Therefore, by
modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and
all its terms and conditions for copying, distributing or modifying
the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the
Library), the recipient automatically receives a license from the
original licensor to copy, distribute, link with or modify the Library
subject to these terms and conditions. You may not impose any further
restrictions on the recipients’ exercise of the rights granted herein.
You are not responsible for enforcing compliance by third parties with
this License.

11. If, as a consequence of a court judgment or allegation of patent
infringement or for any other reason (not limited to patent issues),
conditions are imposed on you (whether by court order, agreement or
otherwise) that contradict the conditions of this License, they do not
excuse you from the conditions of this License. If you cannot
distribute so as to satisfy simultaneously your obligations under this
License and any other pertinent obligations, then as a consequence you
may not distribute the Library at all. For example, if a patent
license would not permit royalty-free redistribution of the Library by
all those who receive copies directly or indirectly through you, then
the only way you could satisfy both it and this License would be to
refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any
particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.
NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO
WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW.
EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR
OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY
KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE
IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR
PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE
LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME
THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN
WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY
AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU
FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR
CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE
LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING
RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A
FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF
SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH
DAMAGES.

END OF TERMS AND CONDITIONS

Apache FreeMarker is an effort undergoing incubation at The Apache Software
Foundation (ASF), sponsored by the Apache Incubator. Incubation is required of
all newly accepted projects until a further review indicates that the
infrastructure, communications, and decision making process have stabilized in
a manner consistent with other successful ASF projects. While incubation
status is not necessarily a reflection of the completeness or stability of the
code, it does indicate that the project has yet to be fully endorsed by the
ASF.

(c) 2008, Adam Warski, JBoss Inc.
<html xmlns="http://www.w3.org/1999/xhtml">
<head>
<title>Jing Copying Conditions</title>
</head>

<body>

<h1>Jing Copying Conditions</h1>

Copyright (c) 2001-2003 Thai Open Source Software Center Ltd<br />
All rights reserved.

Redistribution and use in source and binary forms, with or without
modification, are permitted provided that the following conditions are
met:
Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of the Thai Open Source Software Center Ltd nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE REGENTS OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

Third-party JARs

This distribution includes some additional JAR files, which have their own copying conditions:

- saxon.jar
  - Comes from the [http://saxon.sourceforge.net/](http://saxon.sourceforge.net/) Saxon 6.5.2 distribution and is covered by these [conditions](http://saxon.sourceforge.net/saxon6.5.2/conditions.html)

- xercesImpl.jar
  - xercesImpl.jar
  - Comes from the [http://xml.apache.org/xerces2-j/](http://xml.apache.org/xerces2-j/) Xerces-J 2.4.0 distribution and are covered by the [Apache Software License](http://xerces.apache.org/xerces2-j/xerces-copying.txt)

- isorelax.jar
  - ISO RELAX
2003/01/08 distribution and is covered by the following license:

<p>Copyright (c) 2001-2002, SourceForge ISO-RELAX Project (ASAMI Tomoharu, Daisuke Okajima, Kohsuke Kawaguchi, and MURATA Makoto)</p>

<p>Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:</p>

<p>The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.</p>

<p>THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.</p>
notice, this list of conditions, and the following disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions, and the disclaimer that follows these conditions in the documentation and/or other materials provided with the distribution.

3. The name "JDOM" must not be used to endorse or promote products derived from this software without prior written permission. For written permission, please contact <request_AT_jdom_DOT_org>.

4. Products derived from this software may not be called "JDOM", nor may "JDOM" appear in their name, without prior written permission from the JDOM Project Management <request_AT_jdom_DOT_org>.

In addition, we request (but do not require) that you include in the end-user documentation provided with the redistribution and/or in the software itself an acknowledgement equivalent to the following:
"This product includes software developed by the JDOM Project (http://www.jdom.org/)."
Alternatively, the acknowledgment may be graphical using the logos available at http://www.jdom.org/images/logos.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE JDOM AUTHORS OR THE PROJECT CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

This software consists of voluntary contributions made by many individuals on behalf of the JDOM Project and was originally created by Jason Hunter <jhunter_AT_jdom_DOT_org> and Brett McLaughlin <brett_AT_jdom_DOT_org>. For more information on the JDOM Project, please see <http://www.jdom.org/>.

The GNU General Public License (GPL)

Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.
59 Temple Place, Suite 330, Boston, MA 02111-1307 USA
Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public License is intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users. This General Public License applies to most of the Free Software Foundation's software and to any other program whose authors commit to using it. (Some other Free Software Foundation software is covered by the GNU Library General Public License instead.) You can apply it to your programs, too.

When we speak of free software, we are referring to freedom, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish), that you receive source code or can get it if you want it, that you can change the software or use pieces of it in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid anyone to deny you these rights or to ask you to surrender the rights. These restrictions translate to certain responsibilities for you if you distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

   a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

   b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

   c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute
the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program with the Program (or with a work based on the Program) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may copy and distribute the Program (or a work based on it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you also do one of the following:

a) Accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

b) Accompany it with a written offer, valid for at least three years, to give any third party, for a charge no more than your cost of physically performing source distribution, a complete machine-readable copy of the corresponding source code, to be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange; or,

c) Accompany it with the information you received as to the offer to distribute corresponding source code. (This alternative is allowed only for noncommercial distribution and only if you received the program in object code or executable form with such an offer, in accord with Subsection b above.)

The source code for a work means the preferred form of the work for making modifications to it. For an executable work, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation
of the executable. However, as a special exception, the source code distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

If distribution of executable or object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place counts as distribution of the source code, even though third parties are not compelled to copy the source along with the object code.

4. You may not copy, modify, sublicense, or distribute the Program except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense or distribute the Program is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

5. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Program or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Program (or any work based on the Program), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Program or works based on it.

6. Each time you redistribute the Program (or any work based on the Program), the recipient automatically receives a license from the original licensor to copy, distribute or modify the Program subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties to this License.

7. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Program at all. For example, if a patent license would not permit royalty-free redistribution of the Program by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Program.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply and the section as a whole is intended to apply in other circumstances.
It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system, which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

8. If the distribution and/or use of the Program is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Program under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

9. The Free Software Foundation may publish revised and/or new versions of the General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Program specifies a version number of this License which applies to it and “any later version”, you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Program does not specify a version number of this License, you may choose any version ever published by the Free Software Foundation.

10. If you wish to incorporate parts of the Program into other free programs whose distribution conditions are different, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

11. BECAUSE THE PROGRAM IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE PROGRAM, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE PROGRAM "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE PROGRAM IS WITH YOU. SHOULD THE PROGRAM PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

12. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE PROGRAM AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE PROGRAM (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE PROGRAM TO OPERATE WITH ANY OTHER PROGRAMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

One line to give the program's name and a brief idea of what it does.

Copyright (C) <year> <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 59 Temple Place, Suite 330, Boston, MA 02111-1307 USA

Also add information on how to contact you by electronic and paper mail.
If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type 'show w'. This is free software, and you are welcome to redistribute it under certain conditions; type 'show c' for details.

The hypothetical commands 'show w' and 'show c' should show the appropriate parts of the General Public License. Of course, the commands you use may be called something other than 'show w' and 'show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

signature of Ty Coon, 1 April 1989

Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Library General Public License instead of this License.

"CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module,
the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

```html
<!DOCTYPE html PUBLIC "-//W3C//DTD HTML 4.01 Transitional//EN">
<html>
<bodybgcolor="white" text="black" link="#0000FF" vlink="#840084" alink="#0000FF">
<pre>
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.

</pre>
</body>
</html>

GNU LESSER GENERAL PUBLIC LICENSE
Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies of
this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL. It also counts
as the successor of the GNU Library Public License, version 2, hence
the version number 2.1.]

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
Licenses are intended to guarantee your freedom to share and change
free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some
specially designated software packages--typically libraries--of the
Free Software Foundation and other authors who decide to use it. You
can use it too, but we suggest you first think carefully about whether
this license or the ordinary General Public License is the better
strategy to use in any particular case, based on the explanations below.
When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.

To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using
a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

GNU LESSER GENERAL PUBLIC LICENSE

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License").
Each licensee is addressed as "you".

A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification".)

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.

b) You must cause the files modified to carry prominent notices
stating that you changed the files and the date of any change.

c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.

d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not make any other change in
Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent access to copy the source code from the same place satisfies the requirement to distribute the source code, even though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for the work may be a derivative work of the Library even though the source code is not. Whether this is true is especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall under Section 6.)
Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.
e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.

b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the
Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients’ exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus
excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.
END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the library's name and a brief idea of what it does.>
Copyright (C) <year> <name of author>

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public License as published by the Free Software Foundation; either version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public License along with this library; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA

Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the library `Frob' (a library for tweaking knobs) written by James Random Hacker.

<signature of Ty Coon>, 1 April 1990
Ty Coon, President of Vice

That's all there is to it!
Copyright 2014 Igor Vaynberg

Version: @@ver@@  Timestamp: @@timestamp@@
This software is licensed under the Apache License, Version 2.0 (the "Apache License") or the GNU
General Public License version 2 (the "GPL License"). You may choose either license to govern your
use of this software only upon the condition that you accept all of the terms of either the Apache
License or the GPL License.

You may obtain a copy of the Apache License and the GPL License at:

http://www.apache.org/licenses/LICENSE-2.0
http://www.gnu.org/licenses/gpl-2.0.html

Unless required by applicable law or agreed to in writing, software distributed under the Apache License
or the GPL License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
KIND,
either express or implied. See the Apache License and the GPL License for the specific language governing
permissions and limitations under the Apache License and the GPL License.
The MIT License (MIT)

Copyright (c) 2016 Angular

Permission is hereby granted, free of charge, to any person obtaining a copy
of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights
to use, copy, modify, merge, publish, distribute, sublicense, and/or sell
copies of the Software, and to permit persons to whom the Software is
furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.
The MIT License (MIT)

Copyright (c) 2014 jacoborus

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License

Copyright (c) 2012 the AngularUI Team, http://angular-ui.github.com

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License (MIT)

Copyright (c) 2011-2016 Twitter, Inc.

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
The MIT License (MIT)

Copyright (c) 2013-2017 The angular-translate team and Pascal Precht

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
The MIT License (MIT)

Copyright (c) 2016 Oskari Noppa

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

This software is released under the MIT license:

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
The MIT License (MIT)

Copyright (c) 2013 danialfarid

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
Copyright JS Foundation and other contributors, https://js.foundation/

This software consists of voluntary contributions made by many
individuals. For exact contribution history, see the revision history
available at https://github.com/jquery/jquery

The following license applies to all parts of this software except as
documented below:

=====

Permission is hereby granted, free of charge, to any person obtaining
a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

=====

All files located in the node_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.

Copyright jQuery Foundation and other contributors, https://jquery.org/

This software consists of voluntary contributions made by many individuals. For exact contribution history, see the revision history available at https://github.com/jquery/sizzle

The following license applies to all parts of this software except as documented below:

=====

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND
NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

All files located in the node_modules and external directories are externally maintained libraries used by this software which have their own licenses; we recommend you read them, as their terms may differ from the terms above.
Copyright 2010 James Halliday (mail@substack.net)

This project is free software released under the MIT/X11 license:

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

MIT License

Copyright (c) 2016 it-ailen

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY,
FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE
AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER
LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM,
OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE
SOFTWARE.

The MIT License (MIT)

Copyright (c) 2013 Steve

Permission is hereby granted, free of charge, to any person obtaining a copy of
this software and associated documentation files (the "Software"), to deal in
the Software without restriction, including without limitation the rights to
use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of
the Software, and to permit persons to whom the Software is furnished to do so,
subject to the following conditions:

The above copyright notice and this permission notice shall be included in all
copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR
IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS
FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER
IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN
CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
<input class="form-control" type="text" id="name" name="name" data-ng-model="policy.name" autofocus required data-ng-blur="checkNewNameAvailability()">
</div>

<kc-tooltip>{{:: 'authz-permission-name.tooltip' | translate}}</kc-tooltip>

</div>

<div class="form-group">
<label class="col-md-2 control-label" for="description">{{:: 'description' | translate}} </label>
<div class="col-sm-6">
<input class="form-control" type="text" id="description" name="description" data-ng-model="policy.description">
<kc-tooltip>{{:: 'authz-permission-description.tooltip' | translate}}</kc-tooltip>
</div>
</div>

<div class="form-group clearfix">
<label class="col-md-2 control-label" for="resources">{{:: 'authz-resource' | translate}} </label>
<div class="col-md-6">
<input type="hidden" ui-select2="resourcesUiSelect" data-ng-change="selectResource()"
 id="resources" data-ng-model="selectedResource" data-placeholder="" />
<kcp-tooltip>{{:: 'authz-permission-resource-resource.tooltip' | translate}}</kc-tooltip>
</div>
</div>

<div class="form-group clearfix" data-ng-show="selectedResource">
<label class="col-md-2 control-label" for="resourceScopes">{{:: 'authz-scopes' | translate}} <span class="required"></span></label>
<div class="col-md-6">
<select ui-select2 id="resourceScopes"
 data-ng-model="selectedScopes" data-placeholder="" multiple data-ng-required="selectedResource != null">
<option ng-repeat="scope in resourceScopes" value="{{scope.id}}">{{scope.name}}</option>
</select>
<kcp-tooltip>{{:: 'authz-permission-scope-scope.tooltip' | translate}}</kc-tooltip>
</div>
</div>

<div class="form-group clearfix" data-ng-show="!selectedResource">
<label class="col-md-2 control-label" for="scopes">{{:: 'authz-scopes' | translate}} <span class="required"></span></label>
<div class="col-md-6">
<input type="hidden" ui-select2="scopesUiSelect" id="scopes" data-ng-model="selectedScopes" data-placeholder="" multiple data-ng-required="selectedResource == null" />
<kcp-tooltip>{{:: 'authz-permission-scope-scope.tooltip' | translate}}</kc-tooltip>
</div>
</div>

<div class="form-group clearfix">
<label class="col-md-2 control-label" for="policies">{{:: 'authz-policy-apply-policy' | translate}} <span class="required"></span></label>
</div>
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Actions</th>
</tr>
</thead>
<tbody>
<tr>
<td>Policy 1</td>
<td>Description 1</td>
<td>Remove</td>
</tr>
<tr>
<td>Policy 2</td>
<td>Description 2</td>
<td></td>
</tr>
<tr>
<td>Policy 3</td>
<td>Description 3</td>
<td></td>
</tr>
</tbody>
</table>

Select policy from the list:

- Policy 1
- Policy 2
- Policy 3

Create new policy:

- Type: Policy Type

Add new policy:

- Policy Type

Remove policy:

- Remove policy

No policies assigned:

- No policies assigned
<form class="form-horizontal" name="clientForm" novalidate>
  <fieldset class="border-top">
    <div class="form-group">
      <label class="col-md-2 control-label" for="name">{{:: 'name' | translate}} <span class="required">*</span></label>
      <div class="col-sm-6">
        <input class="form-control" type="text" id="name" name="name" data-ng-model="policy.name" autofocus required data-ng-blur="checkNewNameAvailability()">
        <kc-tooltip>{{:: 'authz-permission-name.tooltip' | translate}}</kc-tooltip>
      </div>
    </div>
    <div class="form-group">
      <label class="col-md-2 control-label" for="description">{{:: 'description' | translate}} </label>
      <div class="col-sm-6">
        <input class="form-control" type="text" id="description" name="description" data-ng-model="policy.description">
        <kc-tooltip>{{:: 'authz-permission-description.tooltip' | translate}}</kc-tooltip>
      </div>
    </div>
    <div class="form-group">
      <label class="col-md-2 control-label" for="applyToResourceTypeFlag">{{:: 'authz-permission-resource-apply-to-resource-type' | translate}} </label>
      <div class="col-md-6">
        <input ng-model="applyToResourceTypeFlag" id="applyToResourceTypeFlag" onoffswitch data-ng-click="applyToResourceType()"/>
        <kc-tooltip>{{:: 'authz-permission-resource-apply-to-resource-type.tooltip' | translate}}</kc-tooltip>
      </div>
    </div>
    <div class="form-group clearfix" data-ng-hide="applyToResourceTypeFlag">
      <label class="col-md-2 control-label" for="resources">{{:: 'authz-resources' | translate}} <span class="required">*</span></label>
      <div class="col-md-6">
        <input type="hidden" ui-select2="resourcesUiSelect" id="resources" data-ng-model="selectedResource" data-placeholder="{{:: 'authz-select-resource' | translate}}..." data-ng-required="!applyToResourceTypeFlag" />
        <kc-tooltip>{{:: 'authz-permission-resource-resource.tooltip' | translate}}</kc-tooltip>
      </div>
    </div>
    <div class="form-group clearfix" data-ng-show="applyToResourceTypeFlag">
      <label class="col-md-2 control-label" for="resourceType">{{:: 'authz-resource-type' | translate}} <span class="required">*</span></label>
      <div class="col-md-6">
        <input class="form-control" type="text" id="resourceType" name="policy.resourceType" data-ng-model="policy.resourceType" data-ng-required="applyToResourceTypeFlag"/>
      </div>
    </div>
    <input type="hidden" ui-select2="resourcesUiSelect" id="resources" data-ng-model="selectedResource" data-placeholder="{{:: 'authz-select-resource' | translate}}..." data-ng-required="!applyToResourceTypeFlag" />
    <kc-tooltip>{{:: 'authz-permission-resource-resource.tooltip' | translate}}</kc-tooltip>
  </fieldset>
</form>
<div class="form-group clearfix">
  <label class="col-md-2 control-label" for="policies">{{:: 'authz-policy-apply-policy' | translate}} <span class="required">*</span></label>
  <div class="col-sm-6">
    <table class="table table-striped table-bordered" style="margin-top: 0px" id="selected-policies">
      <thead>
        <tr>
          <th class="kc-table-actions" colspan="2">
            <div class="form-inline col-md-12" style="width: 107%">
              <div class="form-group" style="width: 100%">
                <div class="input-group" style="width: 100%">
                  <input type="hidden" ui-select2="policiesUiSelect" id="policies" data-ng-change="selectPolicy(selectedPolicy);" data-ng-model="selectedPolicy" data-placeholder="{{:: 'authz-select-a-policy' | translate}}..."/>
                </div>
              </div>
            </div>
          </th>
          <th class="kc-table-actions">
            <div class="pull-right" style="width: 100%">
              <select id="create-policy" class="form-control" ng-model="policyType" ng-options="p.name for p in policyProviders track by p.type" data-ng-change="addPolicy(policyType);" data-ng-hide="historyBackOnSaveOrCancel">
                <option value="" disabled selected>{{:: 'authz-create-policy' | translate}}...</option>
              </select>
            </div>
          </th>
        </tr>
        <tr data-ng-hide="!selectedPolicies || selectedPolicies.length == 0">
          <th>{{:: 'name' | translate}}</th>
          <th>{{:: 'description' | translate}}</th>
          <th width="20%">{{:: 'actions' | translate}}</th>
        </tr>
      </thead>
      <tbody>
        <tr ng-repeat="policy in selectedPolicies">
          <td data-ng-hide="historyBackOnSaveOrCancel"><a href="" data-ng-click="detailPolicy(policy)">{{policy.name}}</a></td>
          <td data-ng-show="historyBackOnSaveOrCancel">{{policy.name}}</td>
          <td>{{policy.description}}</td>
          <td class="kc-action-cell" ng-click="removePolicy(selectedPolicies, policy);" style="vertical-align: middle">
            {{:: 'remove' | translate}}
          </td>
        </tr>
      </tbody>
    </table>
  </div>
</div>
<tr data-ng-show="!selectedPolicies || selectedPolicies.length == 0">
    <td class="text-muted" colspan="3">{{ 'authz-no-policies-assigned' | translate }}</td>
</tr>
</tbody>
</table>
</div>
<kcmenu></kcmenu>
<div class="col-sm-9 col-md-10 col-sm-push-3 col-md-push-2">
  <ol class="breadcrumb">
    <li><a href="#/realms/{{realm.realm}}/clients">{{ 'clients' | translate }}</a></li>
    <li><a href="#/realms/{{realm.realm}}/clients/{{client.id}}">{{client.clientId}}</a></li>
    <li><a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server">{{ 'authz-authorization' | translate }}</a></li>
    <li><a href="#/realms/{{realm.realm}}/clients/{{client.id}}/authz/resource-server/permission">{{ 'authz-authorization permission' | translate }}</a></li>
  </ol>
</div>
<table>
<thead>
<tr>
<th>Name</th>
<th>Description</th>
<th>Type</th>
<th>Actions</th>
</tr>
</thead>
</table>

```html
<select class="form-control" ng-model="policyType" ng-options="p.name for p in policyProviders track by p.type" id="create-permission" data-ng-change="addPolicy(policyType);">
  <option value="" disabled selected>{{:: 'authz-create-permission' | translate}}...</option>
</select>
```

```html
<td ng-if="!policy.details.loaded" class="kc-action-cell" data-ng-click="showDetails(policy);">{{:: 'authz-show-details' | translate}}</td>
```
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  
ofers 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.

---

### License
- The Font Awesome font is licensed under the SIL OFL 1.1:
  - http://scripts.sil.org/OFL
- Font Awesome CSS, LESS, and Sass files are licensed under the MIT License:
  - http://opensource.org/licenses/mit-license.html
- The Font Awesome documentation is licensed under the CC BY 3.0 License:
  - http://creativecommons.org/licenses/by/3.0/
- Attribution is no longer required as of Font Awesome 3.0, but much appreciated:
  - 'Font Awesome by Dave Gandy - http://fontawesome.io'
- Full details: http://fontawesome.io/license

### Changelog
- v3.0.0 - all icons redesigned from scratch, optimized for Bootstrap’s 14px default
- v3.0.1 - much improved rendering in webkit, various bug fixes
- v3.0.2 - much improved rendering and alignment in IE7
- v3.1.0 - Added 54 icons, icon stacking styles, flipping and rotating icons, removed Sass support
- [v3.1.1 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=4&page=1&state=closed)
- [v3.2.0 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=3&page=1&state=closed)
- [v3.2.1 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=5&page=1&state=closed)
- [v4.0.0 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=2&page=1&state=closed)
- [v4.0.1 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=7&page=1&state=closed)
- [v4.0.2 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=8&page=1&state=closed)
- [v4.0.3 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=9&page=1&state=closed)
- [v4.1.0 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=6&page=1&state=closed)
- [v4.2.0 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?milestone=12&page=1&state=closed)
- [v4.3.0 GitHub milestones](https://github.com/FortAwesome/Font-Awesome/issues?q=milestone%3A4.3.0+is%3Aclosed)
## Contributing

Please read through our [contributing guidelines](https://github.com/FortAwesome/Font-Awesome/blob/master/CONTRIBUTING.md).
Included are directions for opening issues, coding standards, and notes on development.

## Versioning

Font Awesome will be maintained under the Semantic Versioning guidelines as much as possible. Releases will be numbered
with the following format:

`<major>.<minor>.<patch>`

And constructed with the following guidelines:

* Breaking backward compatibility bumps the major (and resets the minor and patch)
* New additions, including new icons, without breaking backward compatibility bumps the minor (and resets the patch)
* Bug fixes and misc changes bumps the patch

For more information on SemVer, please visit [http://semver.org](http://semver.org).

## Author

- Email: dave@fontawesome.io
- Twitter: [http://twitter.com/davegandy](http://twitter.com/davegandy)
- GitHub: [https://github.com/davegandy](https://github.com/davegandy)

## Component

To include as a [component](http://github.com/component/component), just run

```
$ component install FortAwesome/Font-Awesome
```

Or add

```
"FortAwesome/Font-Awesome": "*"
```

to the `dependencies` in your `component.json`.

## Hacking on Font Awesome

From the root of the repository, install the tools used to develop.

```
$ bundle install
$ npm install
```

Build the project and documentation:
$ bundle exec jekyll build

Or serve it on a local server on http://localhost:7998/Font-Awesome/:

$ bundle exec jekyll -w serve

```html
<html>
<head>
  <META http-equiv="Content-Type" content="text/html; charset=utf-8">
  <meta http-equiv="Content-Type" content="text/html;charset=utf-8">
  <link rel="stylesheet" type="text/css" href="licenses.css">
</head>
<body>
<h2>Keycloak 3.4.3.Final</h2>
<p>The following material has been provided for informational purposes only, and should not be relied upon or construed as a legal opinion or legal advice.</p>
<table>
  <tr>
    <th>Package Group</th>
    <th>Package Artifact</th>
    <th>Package Version</th>
    <th>Remote Licenses</th>
    <th>Local Licenses</th>
  </tr>
  <tr>
    <td>aopalliance</td>
    <td>aopalliance</td>
    <td>1.0</td>
    <td>
      <ul>
        <li>
          <a href="http://aopalliance.sourceforge.net/">Public Domain</a>
        </li>
      </ul>
    </td>
    <td>
      <ul>
        <li>
          <a href="aopalliance,aopalliance,1.0,Public Domain.txt">Public Domain</a>
        </li>
      </ul>
    </td>
  </tr>
  <tr>
    <td>com.google.zxing</td>
    <td>core</td>
    <td>3.2.1</td>
    <td>
      <ul>
        <li>
          <a href="https://raw.githubusercontent.com/zxing/zxing/zxing-3.2.1/COPYING">Apache Software License 2.0</a>
        </li>
      </ul>
    </td>
    <td>
      <ul>
        <li>
          <a href="com.google.zxing.core,3.2.1,Apache Software License 2.0.txt">Apache Software License 2.0</a>
        </li>
      </ul>
    </td>
  </tr>
</table>
</body>
</html>
```
<table>
<thead>
<tr>
<th>Package</th>
<th>Type</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>com.google.zxing</td>
<td>javase</td>
<td>3.2.1</td>
<td><a href="https://raw.githubusercontent.com/zxing/zxing/zxing-3.2.1/COPYING">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>com.thoughtworks.xstream</td>
<td>xstream</td>
<td>1.4.9</td>
<td><a href="https://raw.githubusercontent.com/x-stream/xstream/XSTREAM_1_4_9/LICENSE.txt">BSD 3-clause New or Revised License</a></td>
</tr>
<tr>
<td>org.antlr</td>
<td>antlr-runtime</td>
<td>3.5</td>
<td><a href="https://raw.githubusercontent.com/antlr/antlr3/antlr-3.5/runtime/Python/LICENSE">BSD 3-clause New or Revised License</a></td>
</tr>
</tbody>
</table>
<ul>
<li>
<a href="https://git-wip-us.apache.org/repos/asf?p=ant.git;a=blob_plain;f=LICENSE;hb=rel/1.8.3">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="org.apache.ant,ant,1.8.3,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="https://git-wip-us.apache.org/repos/asf?p=ant.git;a=blob_plain;f=LICENSE;hb=rel/1.8.3">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="org.apache.ant,ant-launcher,1.8.3,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="https://git-wip-us.apache.org/repos/asf?p=ant.git;a=blob_plain;f=LICENSE;hb=rel/1.8.3">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="org.apache.maven,maven-aether-provider,3.2.5,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob_plain;f=LICENSE;hb=maven-3.2.5">Apache Software License 2.0</a>
</li>
</ul>

<ul>
<li>
<a href="org.apache.maven,maven-aether-provider,3.2.5,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
<table>
<thead>
<tr>
<th>Name</th>
<th>Group</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.apache.maven</td>
<td>maven-artifact</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td>org.apache.maven</td>
<td>maven-compat</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td>org.apache.maven</td>
<td>maven-core</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td>Group</td>
<td>Artifact</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------------</td>
<td>---------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.apache.maven</td>
<td>maven-core</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td></td>
<td>maven-model</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td></td>
<td>maven-model-builder</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td></td>
<td>maven-plugin-api</td>
<td>3.2.5</td>
<td>Apache Software License 2.0</td>
</tr>
<tr>
<td>Package</td>
<td>Type</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>------------------</td>
<td>---------------------------</td>
<td>---------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.apache.maven</td>
<td>maven-plugin-api</td>
<td>3.2.5</td>
<td><a href="https://www.apache.org/licenses/LICENSE-2.0">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>maven-repository-metadata</td>
<td>3.2.5</td>
<td><a href="https://www.apache.org/licenses/LICENSE-2.0">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>maven-settings</td>
<td>3.2.5</td>
<td><a href="https://www.apache.org/licenses/LICENSE-2.0">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>maven-settings-builder</td>
<td>3.2.5</td>
<td><a href="https://www.apache.org/licenses/LICENSE-2.0">Apache Software License 2.0</a></td>
</tr>
</tbody>
</table>
Software License 2.0</a>
</li>
</ul>
</td>
</tr>
<tr>
<td>org.apache.maven.wagon</td><td>wagon-http-shared</td><td>2.6</td><td>
<ul>
<li>
<a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td><td>
<ul>
<li>
<a href="org.apache.maven.wagon,wagon-http-shared,2.6,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td>
</tr>
<tr>
<td>org.apache.maven.wagon</td><td>wagon-provider-api</td><td>2.6</td><td>
<ul>
<li>
<a href="org.apache.maven.wagon,wagon-provider-api,2.6,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td><td>
<ul>
<li>
<a href="org.apache.maven.wagon,wagon-provider-api,2.6,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td>
</tr>
<table>
<thead>
<tr>
<th>Group</th>
<th>Artifact</th>
<th>Version</th>
<th>Licence</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.apache.maven.wagon</td>
<td>wagon-provider-api</td>
<td>2.6</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>org.codehaus.plexus</td>
<td>plexus-classworlds</td>
<td>2.5.2</td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/sonatype/plexus-classworlds/plexus-classworlds-2.5.2/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>org.codehaus.plexus</td>
<td>plexus-component-annotations</td>
<td>1.5.5</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>org.codehaus.plexus</td>
<td>plexus-interpolation</td>
<td>1.21</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Package Name</td>
<td>Group Name</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>---------------</td>
<td>------------------</td>
<td>---------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>Apache Software License 2.0</td>
<td>org.apache.commons</td>
<td>1.21</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Apache Software License 2.0</td>
<td>org.codehaus.plexus</td>
<td>1.21</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Apache Software License 2.0</td>
<td>org.apache.commons</td>
<td>3.0.20</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Apache Software License 2.0</td>
<td>org.drools</td>
<td>6.5.0.Final</td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/kiegroup/drools/6.5.0.Final/LICENSE-ASL-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Apache Software License 2.0</td>
<td>org.drools</td>
<td>6.5.0.Final</td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/kiegroup/drools/6.5.0.Final/LICENSE-ASL-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Apache Software License 2.0</td>
<td>org.apache.commons</td>
<td>3.0.20</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0.txt&quot;&gt;Apache Software License 2.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Package</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-------------------------------</td>
<td>--------------------</td>
<td>-------------------------------------------------------------------------</td>
</tr>
<tr>
<td>org.drools</td>
<td>drools-core</td>
<td>6.5.0.Final</td>
<td><a href="https://raw.githubusercontent.com/kiegroup/drools/6.5.0.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>aether-api</td>
<td>1.0.0.v20140518</td>
<td><a href="https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html">Eclipse Public License 1.0</a></td>
</tr>
<tr>
<td></td>
<td>aether-connector-basic</td>
<td>1.0.0.v20140518</td>
<td><a href="https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html">Eclipse Public License 1.0</a></td>
</tr>
<tr>
<td>Organization</td>
<td>Module</td>
<td>Version</td>
<td>License(s)</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>---------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-impl</td>
<td>1.0.0.v20140518</td>
<td>&lt;ul&gt;&lt;li&gt;&lt;a href=&quot;https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;&lt;/li&gt;&lt;/ul&gt;</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-spi</td>
<td>1.0.0.v20140518</td>
<td>&lt;ul&gt;&lt;li&gt;&lt;a href=&quot;https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;&lt;/li&gt;&lt;/ul&gt;</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-transport-file</td>
<td>1.0.0.v20140518</td>
<td>&lt;ul&gt;&lt;li&gt;&lt;a href=&quot;https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;&lt;/li&gt;&lt;/ul&gt;</td>
</tr>
<tr>
<td>Package Name</td>
<td>Group ID</td>
<td>Version</td>
<td>Licenses</td>
</tr>
<tr>
<td>------------------</td>
<td>----------------------</td>
<td>--------------------</td>
<td>-----------------------------------------------</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-transport-http</td>
<td>1.0.0.v20140518</td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>&lt;a href=&quot;org.eclipse.aether,aether-transport-http,1.0.0.v20140518,Eclipse Public License 1.0.txt&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-transport-wagon</td>
<td>1.0.0.v20140518</td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>&lt;a href=&quot;org.eclipse.aether,aether-transport-wagon,1.0.0.v20140518,Eclipse Public License 1.0.txt&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-util</td>
<td>1.0.0.v20140518</td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>&lt;a href=&quot;org.eclipse.aether,aether-util,1.0.0.v20140518,Eclipse Public License 1.0.txt&quot;&gt;Eclipse Public License 1.0&lt;/a&gt;</td>
</tr>
<tr>
<td>Group</td>
<td>Artifact</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>-----------------------</td>
<td>-------------------</td>
<td>---------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>org.eclipse.aether</td>
<td>aether-util</td>
<td>1.0.0.v20140518</td>
<td>Eclipse Public License 1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.eclipse.jdt.core</td>
<td>compiler</td>
<td>4.4.2</td>
<td>Eclipse Public License 1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.eclipse.sisu</td>
<td>inject</td>
<td>0.3.0.M1</td>
<td>Eclipse Public License 1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.eclipse.sisu</td>
<td>plexus</td>
<td>0.3.0.M1</td>
<td>Eclipse Public License 1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library</td>
<td>Package ID</td>
<td>Version</td>
<td>License Information</td>
</tr>
<tr>
<td>------------------------------</td>
<td>------------------</td>
<td>------------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Eclipse Sisu</td>
<td>org.eclipse.sisu</td>
<td>0.3.0.M1</td>
<td><a href="https://eclipse.org/legal/epl-v10.html">Eclipse Public License 1.0</a></td>
</tr>
<tr>
<td>Freemarker</td>
<td>org.freemarker</td>
<td>2.3.26-incubating</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>Keycloak Authz Policy Common</td>
<td>org.keycloak</td>
<td>3.4.3.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>Keycloak Authz Policy Drools</td>
<td>org.keycloak</td>
<td>3.4.3.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>Group</td>
<td>Artifact</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>------------</td>
<td>------------</td>
<td>-----------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-authz-policy-drools</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak-authz-policy-drools/3.4.3.Final/LICENSE">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-common</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/LICENSE">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-core</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/LICENSE">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-js-adapter</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak-js-adapter/3.4.3.Final/LICENSE">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>Library</td>
<td>Version</td>
<td>License</td>
<td></td>
</tr>
<tr>
<td>-------------------------------------------</td>
<td>-------------</td>
<td>----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.keycloak.keycloak-js-adapter</td>
<td>3.4.3.Final</td>
<td>Apache Software License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.keycloak.keycloak-kerberos-federation</td>
<td>3.4.3.Final</td>
<td>Apache Software License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.keycloak.keycloak-ldap-federation</td>
<td>3.4.3.Final</td>
<td>Apache Software License 2.0</td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>------------</td>
<td>----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-model-infinispan</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-model-jpa</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>org.keycloak</td>
<td>keycloak-saml-core</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a></td>
</tr>
</tbody>
</table>

---

**Open Source Used In OneID 1.0.1**
<table>
<thead>
<tr>
<th>Package</th>
<th>Module</th>
<th>Version</th>
<th>License Links</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.keycloak</td>
<td>keycloak-saml-core-public</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[Apache Software License 2.0](org.keycloak,keycloak-saml-core-public,3.4.3.Final,Apache Software License 2.0.txt)</td>
</tr>
<tr>
<td></td>
<td>keycloak-server-spi</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[Apache Software License 2.0](org.keycloak,keycloak-server-spi,3.4.3.Final,Apache Software License 2.0.txt)</td>
</tr>
<tr>
<td></td>
<td>keycloak-server-spi-private</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[Apache Software License 2.0](org.keycloak,keycloak-server-spi-private,3.4.3.Final,Apache Software License 2.0.txt)</td>
</tr>
</tbody>
</table>
<a href="org.keycloak,keycloak-server-spi-private,3.4.3.Final,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td><td>
<ul>
<li>
<a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html">Apache Software License 2.0</a>
</li>
</ul>
</td><td>
<ul>
<li>
<a href="org.keycloak,keycloak-sssd-federation,3.4.3.Final,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td><td>
<ul>
<li>
<a href="org.keycloak,keycloak-wildfly-adduser,3.4.3.Final,Apache Software License 2.0.txt">Apache Software License 2.0</a>
</li>
</ul>
</td>
<table>
<thead>
<tr>
<th>Library</th>
<th>Package Name</th>
<th>Version</th>
<th>License URL</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.keycloak</td>
<td>keycloak-wildfly-adduser</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>keycloak-wildfly-extensions</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>keycloak-wildfly-server-subsystem</td>
<td>3.4.3.Final</td>
<td><a href="https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></td>
</tr>
<tr>
<td>org.kie</td>
<td>kie-api</td>
<td>6.5.0.Final</td>
<td><a href="https://raw.githubusercontent.com/kiegroup/drools/6.5.0.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></td>
</tr>
</tbody>
</table>
<li><a href="org.kie,kie-api,6.5.0.Final,Apache Software License 2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td><td>
<ul>
<li><a href="https://raw.githubusercontent.com/kiegroup/droolsjbpm-knowledge/6.5.0.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td><td>
<ul>
<li><a href="org.kie,kie-ci,6.5.0.Final,Apache Software License 2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td>
</tr>
<tr>
<td>org.kie</td><td>kie-internal</td><td>6.5.0.Final</td><td>
<ul>
<li><a href="https://raw.githubusercontent.com/kiegroup/droolsjbpm-knowledge/6.5.0.Final/LICENSE-ASL-2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td><td>
<ul>
<li><a href="org.kie,kie-internal,6.5.0.Final,Apache Software License 2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td>
</tr>
<tr>
<td>org.liquibase</td><td>liquibase-core</td><td>3.4.1</td><td>
<ul>
</ul>
</td><td>
<ul>
</ul>
</td>
</tr>
<li><a href="org.liquibase.liquibase-core.3.4.1,African Software License 2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td>
</tr>
<tr>
<td>org.mvel</td>
<td>mvel2</td>
<td>2.2.8.Final</td>
<td>
<ul>
</ul>
</td>
</tr>
<tr>
<td>org.sonatype.plexus</td>
<td>plexus-cipher</td>
<td>1.7</td>
<td>
<ul>
<li><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td>
</tr>
<tr>
<td>org.sonatype.plexus</td>
<td>plexus-sec-dispatcher</td>
<td>1.3</td>
<td>
<ul>
<li><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache Software License 2.0</a></li>
</ul>
</td>
</tr>
<ul>
<li>
<a href="org.sonatype.plexus.plexus-sec-dispatcher,1.3,Apache Software License 2.0.txt">Apache Software License 2.0</a></li>
</ul>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>Module Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.sonatype.sisu.inject</td>
<td>sisu-guice</td>
<td>3.2.3</td>
<td>Eclipse Public License 1.0</td>
</tr>
<tr>
<td>org.twitter4j</td>
<td>twitter4j-core</td>
<td>4.0.4</td>
<td>Apache Software License</td>
</tr>
</tbody>
</table>

Eclipse Public License 1.0

Apache Software License
<table>
<thead>
<tr>
<th>Description</th>
<th>Locations</th>
<th>Remote Licenses</th>
<th>Local Licenses</th>
</tr>
</thead>
<tbody>
<tr>
<td>Ace Code Editor</td>
<td>themes/keycloak/common/resources/lib/ui-ace</td>
<td>BSD 3-clause New or Revised License</td>
<td>BSD 3-clause New or Revised License</td>
</tr>
<tr>
<td>angular-file-upload</td>
<td>themes/keycloak/common/resources/lib/fileupload</td>
<td>MIT License</td>
<td>MIT License</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library</td>
<td>Source Paths</td>
<td>License</td>
<td></td>
</tr>
<tr>
<td>--------------------</td>
<td>------------------------------------------------------------------------------</td>
<td>----------------</td>
<td></td>
</tr>
<tr>
<td>AngularJS</td>
<td>&lt;ul&gt;&lt;li class=&quot;directory&quot;&gt;themes/keycloak/common/resources/lib/angular&lt;/li&gt;&lt;/ul&gt;</td>
<td>MIT License</td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/angular/angular.js/v1.4.4/LICENSE&quot;&gt;MIT License&lt;/a&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;a href=&quot;AngularJS,MIT License.txt&quot;&gt;MIT License&lt;/a&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;a href=&quot;https://raw.githubusercontent.com/angular-translate/angular-translate/2.7.2/LICENSE&quot;&gt;MIT License&lt;/a&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>&lt;a href=&quot;angular-translate,MIT License.txt&quot;&gt;MIT License&lt;/a&gt;</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Angular Treeview</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
<ul>
<li class="directory">themes/keycloak/common/resources/lib/angular/treeview</li>
</ul>
<td><ul>
<li><a href="https://raw.githubusercontent.com/eu81273/angular.treeview/master/LICENSE">MIT License</a></li>
</ul></td>
<td><ul>
<li><a href="Angular Treeview,MIT License.txt">MIT License</a></li>
</ul></td>
<tr>
<td>angular-ui-bootstrap</td>
<td><ul>
<li class="file">themes/keycloak/common/resources/lib/angular/ui-bootstrap-tpls-0.11.0.js</li>
</ul></td>
<td><ul>
<li><a href="https://raw.githubusercontent.com/angular-ui/bootstrap/0.11.0/LICENSE">MIT License</a></li>
</ul></td>
<td><ul>
<li><a href="angular-ui-bootstrap,MIT License.txt">MIT License</a></li>
</ul></td>
<tr>
<td>FileSaver.js</td>
<td><ul>
<li class="file">themes/keycloak/common/resources/lib/filesaver/FileSaver.js</li>
</ul></td>
<td><ul>
<li><a href="https://raw.githubusercontent.com/eligrey/FileSaver.js/1.3.2/LICENSE.md">MIT License</a></li>
</ul></td>
<td><ul>
<li><a href="https://raw.githubusercontent.com/eligrey/FileSaver.js/1.3.2/LICENSE.md">MIT License</a></li>
</ul></td>
</tr>
<ul>
<li><a href="FileSaver.js,MIT License.txt">MIT License</a></li>
</ul>

<table>
<thead>
<tr>
<th>Font Awesome (Font)</th>
<th>&lt;ul&gt;&lt;li&gt;themes/keycloak/common/resources/lib/components/font-awesome/fonts&lt;/li&gt;&lt;/ul&gt;</th>
<th>&lt;ul&gt;&lt;li&gt;&lt;a href=&quot;https://raw.githubusercontent.com/FortAwesome/Font-Awesome/v4.3.0/README.md&quot;&gt;SIL Open Font License 1.1&lt;/a&gt;&lt;/li&gt;&lt;/ul&gt;</th>
<th>&lt;ul&gt;&lt;li&gt;&lt;a href=&quot;Font Awesome (Font),SIL Open Font License 1.1.txt&quot;&gt;SIL Open Font License 1.1&lt;/a&gt;&lt;/li&gt;&lt;/ul&gt;</th>
</tr>
</thead>
<tbody>
<tr>
<td>jQuery</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Open Source Used In OneID 1.0.1**

---

609
<table>
<thead>
<tr>
<th>File Name</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>themes/keycloak/common/resources/lib/jquery/jquery-1.10.2.js</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-LightItalic-webfont.ttf</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-BoldItalic-webfont.woff</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-BoldItalic-webfont.ttf</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Regular-webfont.woff</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBold-webfont.ttf</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBoldItalic-webfont.ttf</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-LightItalic-webfont.woff</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-SemiboldItalic-webfont.ttf</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Regular-webfont.eot</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBoldItalic-webfont.eot</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-SemiboldItalic-webfont.svg</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Bold-webfont.ttf</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Semibold-webfont.woff</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-SemiboldItalic-webfont.svg</td>
<td>MIT License</td>
</tr>
<tr>
<td>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBoldItalic-webfont.woff</td>
<td>MIT License</td>
</tr>
<tr>
<td>Package</td>
<td>Source Code Location</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Select2</td>
<td>themes/keycloak/common/resources/lib/select2-3.4.1</td>
</tr>
<tr>
<td>UI.Ace</td>
<td>themes/keycloak/common/resources/lib/ui-ace/ui-ace.min.js, themes/keycloak/common/resources/lib/ui-ace/ui-ace.js</td>
</tr>
<tr>
<td>Library</td>
<td>Source File</td>
</tr>
<tr>
<td>-------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>ui-select2</td>
<td>&lt;ul&gt;&lt;li class=&quot;file&quot;&gt;themes/keycloak/common/resources/lib/angular/select2.js&lt;/li&gt;&lt;/ul&gt;</td>
</tr>
<tr>
<td>Zocial</td>
<td>&lt;ul&gt;&lt;li class=&quot;directory&quot;&gt;themes/keycloak/common/resources/lib/zocial&lt;/li&gt;&lt;/ul&gt;</td>
</tr>
</tbody>
</table>

Copyright 2013 jQuery Foundation and other contributors
http://jquery.com/

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the
"Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright (c) <2014> <pascal.precht@gmail.com>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

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.

Twitter4J SUBCOMPONENTS:

Twitter4J includes software from JSON.org to parse JSON response from the Twitter API. You can see the license term at http://www.JSON.org/license.html

JDT Core
========

This is the core part of Eclipse's Java development tools. It contains the non-UI support for compiling and working with Java code, including the following:

* an incremental or batch Java compiler that can run standalone or as part of the Eclipse IDE
* Java source and class file indexer and search infrastructure
* a Java source code formatter
* APIs for code assist, access to the AST and structured manipulation of Java source.

For more information, refer to the [JDT wiki page] [1] or the [JDT project overview page] [2].

License
-------

[Eclipse Public License (EPL) v1.0][3]

[1]: http://wiki.eclipse.org/JDT_Core
[3]: http://wiki.eclipse.org/EPL

Apache License

Version 2.0, January 2004
TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally
submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and
(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or
implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright [yyyy] [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
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.
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.
<h2>Eclipse Public License - v 1.0</h2>

<p>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.</p>

<p><b>1. DEFINITIONS</b></p>

<p>"Contribution" means:</p>

<p class="list">a) in the case of the initial Contributor, the initial code and documentation distributed under this Agreement, and</p>

<p class="list">b) in the case of each subsequent Contributor:</p>

<p class="list">i) changes to the Program, and</p>

<p class="list">ii) additions to the Program;</p>

<p class="list">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.</p>

<p>"Contributor" means any person or entity that distributes the Program.</p>
"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:

- it complies with the terms and conditions of this Agreement; and

- its license agreement:
  - 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;
  - effectively excludes on behalf of all Contributors all liability for damages, including direct, indirect, special, incidental and consequential damages, such as lost profits;
  - states that any provisions which differ from this Agreement are offered by that Contributor alone and not by any other party; and
  - 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:

- it must be made available under this Agreement; and

- 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.</p><p>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.</p><p><b>5. NO WARRANTY</b></p><p>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.</p><p><b>6. DISCLAIMER OF LIABILITY</b></p><p>EXCEPT AS EXPRESSLY SET FORTH IN THIS AGREEMENT, NEITHER RECIPIENT
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.</p>

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.</p>

</body>

</html>

The MIT License

Copyright (c) 2010-2015 Google, Inc. http://angularjs.org

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

Copyright 2014 Attila Szegedi, Daniel Dekany, Jonathan Revusky

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.
FreeMarker subcomponents with different copyright owners

FreeMarker, both in its source code and binary form (freemarker.jar) includes a number of files that are licensed by the Apache Software Foundation under the Apache License, Version 2.0. This is the same license as the license of FreeMaker, but the copyright owner is the Apache Software Foundation. These files are:

freemarker/ext/jsp/web-app_2_2.dtd
freemarker/ext/jsp/web-app_2_3.dtd
freemarker/ext/jsp/web-jsptaglibrary_1_1.dtd
freemarker/ext/jsp/web-jsptaglibrary_1_2.dtd

Historical notes

FreeMarker 1.x was released under the LGPL license. Later, by community consensus, we have switched over to a BSD-style license. As of FreeMarker 2.2pre1, the original author, Benjamin Geer, has relinquished the copyright in behalf of Visigoth Software Society.

With FreeMarker 2.3.21 the license has changed to Apache License, Version 2.0, and the owner has changed from Visigoth Software Society to three of the FreeMarker 2.x developers, Attila Szegedi, Daniel Dekany, and Jonathan Revusky. Modifications to Bootstrap are copyright 2013 Red Hat, Inc. and licensed under the Apache License 2.0.

Version 2.0, January 2004
http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.
"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity
on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

(a) You must give any other recipients of the Work or Derivative Works a copy of this License; and

(b) You must cause any modified files to carry prominent notices stating that You changed the files; and

(c) You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

(d) If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one
of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License. You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NON-INFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a
result of this License or out of the use or inability to use the 
Work (including but not limited to damages for loss of goodwill, 
work stoppage, computer failure or malfunction, or any and all 
other commercial damages or losses), even if such Contributor 
has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing 
the Work or Derivative Works thereof, You may choose to offer, 
and charge a fee for, acceptance of support, warranty, indemnity, 
or other liability obligations and/or rights consistent with this 
License. However, in accepting such obligations, You may act only 
on Your own behalf and on Your sole responsibility, not on behalf 
of any other Contributor, and only if You agree to indemnify, 
defend, and hold each Contributor harmless for any liability 
incurred by, or claims asserted against, such Contributor by reason 
of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS

APPENDIX: How to apply the Apache License to your work.

To apply the Apache License to your work, attach the following 
boilerplate notice, with the fields enclosed by brackets "[ ]" 
replaced with your own identifying information. (Don't include 
the brackets!) The text should be enclosed in the appropriate 
comment syntax for the file format. We also recommend that a 
file or class name and description of purpose be included on the 
same "printed page" as the copyright notice for easier 
identification within third-party archives.

Copyright {yyyy} {name of copyright owner}

Licensed under the Apache License, Version 2.0 (the "License");
you may not use this file except in compliance with the License.
You may obtain a copy of the License at

http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software 
distributed under the License is distributed on an "AS IS" BASIS, 
WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. 
See the License for the specific language governing permissions and 
limitations under the License.
Copyright 2012 Igor Vaynberg

Version: @@ver@@ Timestamp: @@timestamp@@

This software is licensed under the Apache License, Version 2.0 (the "Apache License") or the GNU
General Public License version 2 (the "GPL License"). You may choose either license to govern your use of this software only upon the condition that you accept all of the terms of either the Apache License or the GPL License.

You may obtain a copy of the Apache License and the GPL License at:

http://www.apache.org/licenses/LICENSE-2.0
http://www.gnu.org/licenses/gpl-2.0.html

Unless required by applicable law or agreed to in writing, software distributed under the Apache License or the GPL License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the Apache License and the GPL License for the specific language governing permissions and limitations under the Apache License and the GPL License.

<?xml version="1.0"?>
<xsl:stylesheet version="1.0"
 xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
 <xsl:output method="html" encoding="utf-8" standalone="no" media-type="text/html" />
 <xsl:param name="productname"/>
 <xsl:param name="version"/>
 <xsl:variable name="lowercase" select="'abcdefghijklmnopqrstuvwxyz'" />
 <xsl:variable name="uppercase" select="'ABCDEFGHIJKLMNOPQRSTUVWXYZ'" />

 <xsl:template match="/">
 <html>
 <head>
 <meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
 <link rel="stylesheet" type="text/css" href="licenses.css" />
 </head>
 <body>
 <p>The following material has been provided for informational purposes only, and should not be relied upon or construed as a legal opinion or legal advice.</p>
 <table>
 <tr>
 <th>Package Group</th>
 <th>Package Artifact</th>
 <th>Package Version</th>
 <th>Remote Licenses</th>
 <th>Local Licenses</th>
 </tr>
 <xsl:for-each select="licenseSummary/dependencies/dependency">
 <xsl:sort select="concat(groupId, '.', artifactId)"/>
 <tr>
 <td><xsl:value-of select="groupId"/></td>
 <td><xsl:value-of select="artifactId"/></td>
 <td><xsl:value-of select="version"/></td>
 </tr>
</xsl:for-each>
</table>
</body>
</html>
</xsl:stylesheet>
<table>
<tr>
<th>Description</th>
<th>Locations</th>
<th>Remote Licenses</th>
<th>Local Licenses</th>
</tr>
<xsl:for-each select="licenseSummary/others/other">
<xsl:sort select="description"/>
<tr>
<td><xsl:value-of select="description"/>
</td>
<td>
<ul>
<xsl:for-each select="locations/*[self::file or self::directory]">
<li class="{local-name()}"><xsl:value-of select="."/></li>
</xsl:for-each>
<xsl:for-each select="locations/archive">
<li class="archive">
<p><xsl:value-of select="file"/></p>
<ul>
<xsl:for-each select="innerpath">
<li><xsl:value-of select="."/></li>
</xsl:for-each>
</ul>
</li>
</xsl:for-each>
</ul>
</td>
</tr>
</xsl:for-each>
</table>
The MIT License (MIT)

Copyright (c) 2011-2014 Twitter, Inc

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

The MIT License

Copyright (c) 2012-2014 the AngularUI Team, https://github.com/organizations/angular-ui/teams/291112

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal
in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

<?xml version="1.0" encoding="UTF-8"?>
<licenseSummary>
<dependencies>
<dependency>
<groupId>com.google.zxing</groupId>
<artifactId>core</artifactId>
<version>3.2.1</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
<url>https://raw.githubusercontent.com/zxing/zxing/zxing-3.2.1/COPYING</url>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.google.zxing</groupId>
<artifactId>javase</artifactId>
<version>3.2.1</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
<url>https://raw.githubusercontent.com/zxing/zxing/zxing-3.2.1/COPYING</url>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.liquibase</groupId>
<artifactId>liquibase-core</artifactId>
<version>3.4.1</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
</license>
</licenses>
</dependency>
</dependencies>
<dependency>
<groupId>org.codehaus.plexus</groupId>
<artifactId>plexus-utils</artifactId>
.VERSION>3.0.20</VERSION>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.codehaus.plexus</groupId>
<artifactId>plexus-component-annotations</artifactId>
.VERSION>1.5.5</VERSION>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.codehaus.plexus</groupId>
<artifactId>plexus-interpolation</artifactId>
.VERSION>1.21</VERSION>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.ant</groupId>
<artifactId>ant-launcher</artifactId>
.VERSION>1.8.3</VERSION>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>https://git-wip-us.apache.org/repos/asf?p=ant.git;a=blob_plain;f=LICENSE;hb=rel/1.8.3</url>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.ant</groupId>
<artifactId>ant</artifactId>
.VERSION>1.8.3</VERSION>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>https://git-wip-us.apache.org/repos/asf?p=ant.git;a=blob_plain;f=LICENSE;hb=rel/1.8.3</url>
  </license>
</licenses>

<dependency>
  <groupId>org.apache.maven.wagon</groupId>
  <artifactId>wagon-http-shared</artifactId>
  <version>2.6</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.maven.wagon</groupId>
  <artifactId>wagon-provider-api</artifactId>
  <version>2.6</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.maven.wagon</groupId>
  <artifactId>wagon-http</artifactId>
  <version>2.6</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.maven</groupId>
  <artifactId>maven-compat</artifactId>
  <version>3.2.5</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob_plain;f=LICENSE;hb=maven-3.2.5</url>
    </license>
  </licenses>
</dependency>
<groupId>org.apache.maven</groupId>
<artifactId>maven-plugin-api</artifactId>
<version>3.2.5</version>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob_plain;f=LICENSE;hb=maven-3.2.5</url>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.apache.maven</groupId>
  <artifactId>maven-settings</artifactId>
  <version>3.2.5</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob_plain;f=LICENSE;hb=maven-3.2.5</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.maven</groupId>
  <artifactId>maven-repository-metadata</artifactId>
  <version>3.2.5</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob_plain;f=LICENSE;hb=maven-3.2.5</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.maven</groupId>
  <artifactId>maven-aether-provider</artifactId>
  <version>3.2.5</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://git-wip-us.apache.org/repos/asf?p=maven.git;a=blob_plain;f=LICENSE;hb=maven-3.2.5</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.maven</groupId>
  <artifactId>maven-settings-builder</artifactId>
  <version>3.2.5</version>
  <licenses>
  </licenses>
</dependency>
<dependency>
  <groupId>org.eclipse.aether</groupId>
  <artifactId>aether-util</artifactId>
  <version>1.0.0.v20140518</version>
  <licenses>
    <license>
      <name>Eclipse Public License 1.0</name>
      <url>https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.eclipse.aether</groupId>
  <artifactId>aether-impl</artifactId>
  <version>1.0.0.v20140518</version>
  <licenses>
    <license>
      <name>Eclipse Public License 1.0</name>
      <url>https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.eclipse.aether</groupId>
  <artifactId>aether-transport-wagon</artifactId>
  <version>1.0.0.v20140518</version>
  <licenses>
    <license>
      <name>Eclipse Public License 1.0</name>
      <url>https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.eclipse.aether</groupId>
  <artifactId>aether-connector-basic</artifactId>
  <version>1.0.0.v20140518</version>
  <licenses>
    <license>
      <name>Eclipse Public License 1.0</name>
      <url>https://raw.githubusercontent.com/jvanzyl/aether-core/aether-1.0.0.v20140518/epl-v10.html</url>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.sonatype.sisu</groupId>
    <artifactId>sisu-guice</artifactId>
    <version>3.2.3</version>
    <licenses>
        <license>
            <name>Eclipse Public License 1.0</name>
            <url>http://git.eclipse.org/c/sisu/org.eclipse.sisu.inject.git/plain/LICENSE.txt?h=releases/0.3.2</url>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.sonatype.plexus</groupId>
    <artifactId>plexus-cipher</artifactId>
    <version>1.7</version>
    <licenses>
        <license>
            <name>Apache Software License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.sonatype.plexus</groupId>
    <artifactId>plexus-sec-dispatcher</artifactId>
    <version>1.3</version>
    <licenses>
        <license>
            <name>Apache Software License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.antlr</groupId>
    <artifactId>antlr-runtime</artifactId>
    <version>3.5</version>
    <licenses>
        <license>
            <name>BSD 3-clause New or Revised License</name>
        </license>
    </licenses>
</dependency>
<groupId>org.drools</groupId>
<artifactId>drools-compiler</artifactId>
<version>6.5.0.Final</version>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>https://raw.githubusercontent.com/kiegroup/drools/6.5.0.Final/LICENSE-ASL-2.0.txt</url>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.drools</groupId>
  <artifactId>drools-core</artifactId>
  <version>6.5.0.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/kiegroup/drools/6.5.0.Final/LICENSE-ASL-2.0.txt</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-authz-policy-common</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-authz-policy-drools</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-common</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>
<license>
  <name>Apache Software License 2.0</name>
  <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
</license>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-core</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-js-adapter</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-kerberos-federation</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-ldap-federation</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-ldap-federation</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-ldap-federation</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-ldap-federation</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.keycloak</groupId>
<artifactId>keycloak-model-infinispan</artifactId>
<version>3.4.3.Final</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
<!--url-->https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html<!--url--></license>
</licenses>
</dependency>

<dependency>
<groupId>org.keycloak</groupId>
<artifactId>keycloak-model-jpa</artifactId>
<version>3.4.3.Final</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
<!--url-->https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html<!--url--></license>
</licenses>
</dependency>

<dependency>
<groupId>org.keycloak</groupId>
<artifactId>keycloak-saml-core</artifactId>
<version>3.4.3.Final</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
<!--url-->https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html<!--url--></license>
</licenses>
</dependency>

<dependency>
<groupId>org.keycloak</groupId>
<artifactId>keycloak-saml-core-public</artifactId>
<version>3.4.3.Final</version>
<licenses>
<license>
<name>Apache Software License 2.0</name>
<!--url-->https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html<!--url--></license>
</licenses>
</dependency>
<artifactId>keycloak-server-spi</artifactId>
<version>3.4.3.Final</version>
<licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
  </license>
</licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-server-spi-private</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-services</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-sssd-federation</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/keycloak/keycloak/3.4.3.Final/License.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.keycloak</groupId>
  <artifactId>keycloak-wildfly-adduser</artifactId>
  <version>3.4.3.Final</version>
  <licenses>
    <license>
<name>MIT License</name>
<url>https://raw.githubusercontent.com/angular/angular.js/v1.4.4/LICENSE</url>
</license>
</licenses>
</other>
<other>
<description>angular-translate</description>
<locations>
<file>themes/keycloak/common/resources/lib/angular/angular-translate.js</file>
<file>themes/keycloak/common/resources/lib/angular/angular-translate-loader-url.js</file>
</locations>
<licenses>
<license>
<name>MIT License</name>
<url>https://raw.githubusercontent.com/angular-translate/angular-translate/2.7.2/LICENSE</url>
</license>
</licenses>
</other>
<other>
<description>ui-select2</description>
<locations>
<file>themes/keycloak/common/resources/lib/angular/select2.js</file>
</locations>
<licenses>
<license>
<name>MIT License</name>
<url>https://raw.githubusercontent.com/angular-ui/ui-select2/v0.0.5/LICENSE</url>
</license>
</licenses>
</other>
<other>
<description>angular-ui-bootstrap</description>
<locations>
<file>themes/keycloak/common/resources/lib/angular/ui-bootstrap-tpls-0.11.0.js</file>
</locations>
<licenses>
<license>
<name>MIT License</name>
<url>https://raw.githubusercontent.com/angular-ui/bootstrap/0.11.0/LICENSE</url>
</license>
</licenses>
</other>
<other>
<description>Angular Treeview</description>
<locations>
<directory>themes/keycloak/common/resources/lib/angular/treeview</directory>
</locations>
<licenses>
<license>
  <name>MIT License</name>
  <url>https://raw.githubusercontent.com/eu81273/angular.treeview/master/LICENSE</url>
</license>
<other>
  <description>Select2</description>
  <locations>
    <directory>themes/keycloak/common/resources/lib/select2-3.4.1</directory>
  </locations>
  <licenses>
    <license>
      <name>Apache Software License 2.0</name>
      <url>https://raw.githubusercontent.com/select2/select2/3.4.1/LICENSE</url>
    </license>
    <license>
      <name>GNU General Public License v2.0 only</name>
      <url>https://raw.githubusercontent.com/select2/select2/3.4.1/LICENSE</url>
    </license>
  </licenses>
</other>
<other>
  <description>FileSaver.js</description>
  <locations>
    <file>themes/keycloak/common/resources/lib/filesaver/FileSaver.js</file>
  </locations>
  <licenses>
    <license>
      <name>MIT License</name>
      <url>https://raw.githubusercontent.com/eligrey/FileSaver.js/1.3.2/LICENSE.md</url>
    </license>
  </licenses>
</other>
<other>
  <description>angular-file-upload</description>
  <locations>
    <directory>themes/keycloak/common/resources/lib/fileupload</directory>
  </locations>
  <licenses>
    <license>
      <name>MIT License</name>
      <url>https://raw.githubusercontent.com/danialfarid/ng-file-upload/1.1.10/LICENSE</url>
    </license>
  </licenses>
</other>
<other>
  <description>UI.Ace</description>
</other>
<locations>
<file>themes/keycloak/common/resources/lib/ui-ace/ui-ace.min.js</file>
<file>themes/keycloak/common/resources/lib/ui-ace/ui-ace.js</file>
</locations>

<licenses>
<license>
  <name>MIT License</name>
  <url>https://raw.githubusercontent.com/angular-ui/ui-ace/src0.2.3/LICENSE</url>
</license>
</licenses>

<other>
<description>Ace Code Editor</description>
<locations>
<directory>themes/keycloak/common/resources/lib/ui-ace</directory>
</locations>
<licenses>
<license>
  <name>BSD 3-clause New or Revised License</name>
  <url>https://raw.githubusercontent.com/ajaxorg/ace-builds/v1.2.3/LICENSE</url>
</license>
</licenses>
</other>

<other>
<description>Font Awesome (Font)</description>
<locations>
<directory>themes/keycloak/common/resources/lib/components/font-awesome/fonts</directory>
</locations>
<licenses>
<license>
  <name>SIL Open Font License 1.1</name>
  <url>https://raw.githubusercontent.com/FortAwesome/Font-Awesome/v4.3.0/README.md</url>
</license>
</licenses>
</other>

<other>
<description>Glyphicons Halflings</description>
<locations>
<directory>themes/keycloak/common/resources/lib/components/bootstrap/dist/fonts</directory>
</locations>
<licenses>
<license>
  <name>MIT License</name>
  <url>https://raw.githubusercontent.com/twbs/bootstrap/v3.3.1-130-gadd44ca/LICENSE</url>
</license>
</licenses>
</other>

<other>
<description>Patternfly</description>

<locations>
  <directory>themes/keycloak/common/resources/lib/patternfly</directory>
</locations>

/licenses>
  <license>
    <name>Apache Software License 2.0</name>
    <url>https://raw.githubusercontent.com/patternfly/patternfly/v1.1.4-32-ge6a8fd5/LICENSE.txt</url>
  </license>
</licenses>

/other>

<other>
  <description>OpenSans</description>

/locations>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-LightItalic-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-BoldItalic-webfont.woff</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-BoldItalic-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Regular-webfont.woff</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Regular-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBold-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBoldItalic-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Regular-webfont.eot</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-BoldItalic-webfont.eot</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Light-webfont.svg</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Italic-webfont.eot</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBold-webfont.eot</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-SemiboldItalic-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-ExtraBoldItalic-webfont.svg</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-LightItalic-webfont.eot</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-SemiboldItalic-webfont.ttf</file>
  <file>themes/keycloak/common/resources/lib/patternfly/fonts/OpenSans-Italic-webfont.sql</file>
</locations>

Open Source Used In OneID 1.0.1
The AOP Alliance project is a joint open-source project between several software engineering people who are interested in AOP and Java.
LICENCE: all the source code provided by AOP Alliance is Public Domain.

We believe that Aspect-Oriented Programming (AOP) offers a better solution to many problems than do existing technologies such as EJB. AOP Alliance intends to facilitate and standardize the use of AOP to enhance existing middleware environments (such as J2EE), or development environments (e.g. JBuilder, Eclipse). The AOP Alliance also aims to ensure interoperability between Java/J2EE AOP implementations to build a larger AOP community.

Work in progress

Materials

<ul>
<li><a href="http://sourceforge.net/projects/aopalliance">Sourceforge site</a></li>
<li>White paper draft (The AOP Alliance: Why Did We Get In?): (<a href="white_paper/white_paper.pdf">pdf</a>) (<a href="white_paper/white_paper.ps">ps</a>) (<a href="white_paper">html online version</a>)</li>
<li>Online Sourceforge <a href="http://cvs.sourceforge.net/cgi-bin/viewcvs.cgi/aopalliance/">CVS Repository</a></li>
<li><a href="doc/index.html">Online Javadoc-generated AOP Alliance specifications preview (this is unstable work in progress)</a>.</li>
</ul>

Mailing list:

<ul>
<li><a href="mailto:aopalliance-discuss@lists.sourceforge.net">mailto:aopalliance-discuss@lists.sourceforge.net</a></li>
</ul>
/*
    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.
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.
*/

W3C SOFTWARE NOTICE AND LICENSE
http://www.w3.org/Consortium/Legal/2002/copyright-software-20021231

This work (and included software, documentation such as READMEs, or other
related items) is being provided by the copyright holders under the following
license. By obtaining, using and/or copying this work, you (the licensee) agree
that you have read, understood, and will comply with the following terms and
conditions.

Permission to copy, modify, and distribute this software and its documentation,
with or without modification, for any purpose and without fee or royalty is
hereby granted, provided that you include the following on ALL copies of the
software and documentation or portions thereof, including modifications:

1. The full text of this NOTICE in a location viewable to users of the
   redistributed or derivative work.
2. Any pre-existing intellectual property disclaimers, notices, or terms
   and conditions. If none exist, the W3C Software Short Notice should be
   included (hypertext is preferred, text is permitted) within the body
   of any redistributed or derivative code.
3. Notice of any changes or modifications to the files, including the date
   changes were made. (We recommend you provide URIs to the location from
   which the code is derived.)

THIS SOFTWARE AND DOCUMENTATION IS PROVIDED "AS IS," AND COPYRIGHT HOLDERS MAKE
NO REPRESENTATIONS OR WARRANTIES, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED
TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR ANY PARTICULAR PURPOSE OR THAT
THE USE OF THE SOFTWARE OR DOCUMENTATION WILL NOT INFRINGE ANY THIRD PARTY PATENTS, COPYRIGHTS, TRADEMARKS OR OTHER RIGHTS.

COPYRIGHT HOLDERS WILL NOT BE LIABLE FOR ANY DIRECT, INDIRECT, SPECIAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF ANY USE OF THE SOFTWARE OR DOCUMENTATION.

The name and trademarks of copyright holders may NOT be used in advertising or publicity pertaining to the software without specific, written prior permission. Title to copyright in this software and any associated documentation will at all times remain with copyright holders.

____________________________________

This formulation of W3C's notice and license became active on December 31 2002. This version removes the copyright ownership notice such that this license can be used with materials other than those owned by the W3C, reflects that ERCIM is now a host of the W3C, includes references to this specific dated version of the license, and removes the ambiguous grant of "use". Otherwise, this version is the same as the previous version and is written so as to preserve the Free Software Foundation's assessment of GPL compatibility and OSI's certification under the Open Source Definition. Please see our Copyright FAQ for common questions about using materials from our site, including specific terms and conditions for packages like libwww, Amaya, and Jigsaw. Other questions about this notice can be directed to site-policy@w3.org.

Joseph Reagle <site-policy@w3.org>

This license came from: http://www.megginson.com/SAX/copying.html
However please note future versions of SAX may be covered under http://saxproject.org/?selected=pd

SAX2 is Free!

I hereby abandon any property rights to SAX 2.0 (the Simple API for XML), and release all of the SAX 2.0 source code, compiled code, and documentation contained in this distribution into the Public Domain. SAX comes with NO WARRANTY or guarantee of fitness for any purpose.

David Megginson, david@megginson.com
2000-05-05
Copyright (c) 2010, Ajax.org B.V.
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of Ajax.org B.V. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL AJAX.ORG B.V. BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

(BSD Style License)

Copyright (c) 2003-2006, Joe Walnes
Copyright (c) 2006-2015, XStream Committers
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

Neither the name of XStream nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY
WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

# Zocial CSS social buttons

I basically rewrote this entire set so they are full vector buttons, meaning:

- @font-face icons
- custom font file for all social icons
- icon font use private unicode spaces for accessibility
- em sizing based on button font-size
- support for about 83 different services
- buttons and icons supported
- no raster images (sweet)
- works splendidly on any browser supporting @font-face
- CSS3 degrades gracefully in IE8 and below etc.
- also includes generic icon-less primary and secondary buttons

```markdown
## How to use these buttons

<button class="zocial facebook">Button label here</button>

or

<a class="zocial twitter">Button label</a>
```

- Can be any element e.g. `a`, `div`, `button` etc.
- Add class of `zocial`
- Add class for name of service e.g. `.dropbox`, `.twitter`, `.github`
- Done :-)

Check out [zocial.smcllns.com](http://zocial.smcllns.com) for demo and code examples.

There's also a LESS version from @gustavohenke [here](https://github.com/gustavohenke/zocial-less)

Problems, questions or requests to [@smcllns](http://twitter.com/smcllns)

### How to contribute

Install [Font Custom](http://fontcustom.com/#installation)

Run `fontcustom compile` to build the font.

New fonts are defined by adding them in the `svg/` folder. For color settings see the `templates/zocial.css` file.

### License

Under [MIT License](http://opensource.org/licenses/mit-license.php)
[The "BSD licence"]
Copyright (c) 2003-2006 Terence Parr
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. The name of the author may not be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE AUTHOR "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHOR BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

body {
  font-family: monospace;
}

table {
  border-collapse: collapse;
}

table, th, td {
  border: 1px solid navy;
  margin: 2em 0;
}

th {
  text-align: left;
  background-color: #BCC6CC;
}

th, td {
  padding: 2px;
  text-align: left;
Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated
documentation files (the "Software"), to deal in the Software without restriction, including without limitation the
rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit
persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the
Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED,
INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A
PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR
COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN
AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.

[1]: http://eligrey.com

<!--html-->
<head>
<META http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="Content-Type" content="text/html;charset=utf-8">
<link rel="stylesheet" type="text/css" href="licenses.css">
</head>
<body>
<h2>WildFly - Servlet Feature Pack</h2>
<p>The following material has been provided for informational purposes only, and should not be relied upon or construed as a legal opinion or legal advice.</p>
<table>
<tr><th>Package Group</th><th>Package Artifact</th><th>Package Version</th><th>Remote Licenses</th><th>Local Licenses</th></tr>
<tr><td>io.undertow.jastow</td><td>jastow</td><td>2.0.2.Final</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td></tr>
<tr><td>io.undertow</td><td>undertow-servlet</td><td>1.4.18.Final</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td></tr>
<tr><td>io.undertow</td><td>undertow-websockets-jsr</td><td>1.4.18.Final</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td></tr>
<tr><td>javax.activation</td><td>activation</td><td>1.1.1</td><td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td><td><a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td></tr>
</table>
</body>
<table>
<thead>
<tr>
<th>Package</th>
<th>Group</th>
<th>Version</th>
<th>License</th>
<th>License File</th>
</tr>
</thead>
<tbody>
<tr>
<td>javax.enterprise</td>
<td>cdi-api</td>
<td>1.2</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>javax.inject</td>
<td>javax.inject</td>
<td>1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>javax.validation</td>
<td>validation-api</td>
<td>1.1.0.Final</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.taglibs</td>
<td>taglibs-standard-compat</td>
<td>1.2.6-RC1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.taglibs</td>
<td>taglibs-standard-impl</td>
<td>1.2.6-RC1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>LICENSE Info</td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>------------------------</td>
<td>------------------</td>
<td>----------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.apache.taglibs</td>
<td>taglibs-standard-spec</td>
<td>1.2.6-RC1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">apache license 2.0.txt</a></td>
<td></td>
</tr>
<tr>
<td>org.eclipse.jdt.core.compiler</td>
<td>ecj</td>
<td>4.6.1</td>
<td><a href="http://repository.jboss.org/licenses/epl-1.0.txt">Eclipse Public License 1.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">eclipse public license 1.0.txt</a></td>
<td></td>
</tr>
<tr>
<td>org.glassfish</td>
<td>javax.el-impl</td>
<td>3.0.1-b08-jbossorg-1</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">common development and distribution license 1.1.txt</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>javax.enterprise.concurrent</td>
<td>1.0</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">common development and distribution license 1.1.txt</a></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License Type</td>
<td>License Link</td>
</tr>
<tr>
<td>-----------------------</td>
<td>----------------------</td>
<td>---------------</td>
<td>---------------------------------------------------</td>
<td>---------------------------------------</td>
</tr>
<tr>
<td>org.jboss.common</td>
<td>jboss-common-beans</td>
<td>2.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">License Link</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>[License File](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td>org.jboss.metadata</td>
<td>jboss-metadata-common</td>
<td>10.0.2.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">License Link</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>[License File](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td>org.jboss.metadata</td>
<td>jboss-metadata-ear</td>
<td>10.0.2.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">License Link</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>[License File](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td>org.jboss.metadata</td>
<td>jboss-metadata-web</td>
<td>10.0.2.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">License Link</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>[License File](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td>org.jboss.security</td>
<td>jboss-negotiation-common</td>
<td>3.0.4.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">License Link</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td>[License File](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td>Package Name</td>
<td>Library Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>---------------------------</td>
<td>-----------------------</td>
<td>---------------</td>
<td>----------------------------------------------</td>
<td>-----------------------------------</td>
</tr>
<tr>
<td>org.jboss.security</td>
<td>jboss-negotiation-extras</td>
<td>3.0.4.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>[gnu lesser general public license v2.1 only.txt](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td></td>
<td>jboss-negotiation-ntlm</td>
<td>3.0.4.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>[gnu lesser general public license v2.1 only.txt](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td></td>
<td>jboss-negotiation-spnego</td>
<td>3.0.4.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>[gnu lesser general public license v2.1 only.txt](gnu lesser general public license v2.1 only.txt)</td>
</tr>
<tr>
<td>org.jboss.spec.javax.annotation</td>
<td>jboss-annotations-api_1.2_spec</td>
<td>1.0.0.Final</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
<td>[common development and distribution license 1.1.txt](common development and distribution license 1.1.txt)</td>
</tr>
</tbody>
</table>

[GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html): GNU General Public License v2.0 only, with Classpath exception

[gnu general public license v2.0 only, with classpath exception.txt](gnu general public license v2.0 only, with classpath exception.txt): GNU General Public License v2.0 only, with Classpath exception
<td>org.jboss.spec.javax.el</td><td>jboss-el-api_3.0_spec</td><td>1.0.9.Final</td><td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td><br/>
<a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td><br/>
</td><td><a href="common development and distribution license 1.1.txt">common development and distribution license 1.1.txt</a></td><br/>
</td><td><a href="gnu general public license v2.0 only, with classpath exception.txt">gnu general public license v2.0 only, with classpath exception.txt</a></td><br/>
</td><td>org.jboss.spec.javax.enterprise.concurrent</td><td>jboss-concurrency-api_1.0_spec</td><td>1.0.0.Final</td><td><a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td><br/>
</td><td><a href="gnu general public license v2.0 only, with classpath exception.txt">gnu general public license v2.0 only, with classpath exception.txt</a></td><br/>
</td><td>org.jboss.spec.javax.security.auth.message</td><td>jboss-jaspi-api_1.1_spec</td><td>1.0.0.Final</td><td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td><br/>
<a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td><br/>
</td><td><a href="gnu general public license v2.0 only, with classpath exception.txt">gnu general public license v2.0 only, with classpath exception.txt</a></td><br/>
</td><td>org.jboss.spec.javax.servlet</td><td>jboss-servlet-api_3.1_spec</td><td>1.0.0.Final</td><td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td><br/>
<a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td><br/>
</td><td><a href="gnu general public license v2.0 only, with classpath exception.txt">gnu general public license v2.0 only, with classpath exception.txt</a></td><br/>

---

Open Source Used In OneID 1.0.1
<table>
<thead>
<tr>
<th>Package</th>
<th>Dependency</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jsf-2.3-api_1.2_spec</td>
<td>1.0.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License, Version 2 with the Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jsf-api_2.3_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jsp-api_2.3_spec</td>
<td>1.0.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>websocket-api_1.1_spec</td>
<td>1.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-transaction-api_1.2_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-transaction-api_1.2_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-api_2.3_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.spec.jsf</td>
<td>jboss-websocket-api_1.1_spec</td>
<td>1.0.1.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>GNU General Public License v2.0 only, with Classpath Exception</td>
</tr>
<tr>
<td>Package Name</td>
<td>Project Name</td>
<td>Version</td>
<td>License Link</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------------</td>
<td>----------------</td>
<td>------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>org.picketbox</td>
<td>picketbox</td>
<td>5.0.2.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.picketbox</td>
<td>picketbox-commons</td>
<td>1.0.0.final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.picketbox</td>
<td>picketbox-infinispan</td>
<td>5.0.2.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-core-feature-pack</td>
<td>3.0.8.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-elytron-integration</td>
<td>3.0.8.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
</tbody>
</table>
<tr>
<td>org.wildfly.wildfly-http-client</td><td>wildfly-http-naming-client</td><td>1.0.8.Final</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td>
</tr>
<tr>
<td>org.wildfly</td><td>wildfly-naming</td><td>11.0.0.Final</td><td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
</tr>
<tr>
<td>org.wildfly</td><td>wildfly-naming-client</td><td>1.0.7.Final</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td>
</tr>
<tr>
<td>org.wildfly</td><td>wildfly-security</td><td>11.0.0.Final</td><td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
</tr>
<tr>
<td>org.wildfly</td><td>wildfly-undertow</td><td>11.0.0.Final</td><td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
</tr>
<tr>
<td>org.wildfly</td><td>wildfly-web-common</td><td>11.0.0.Final</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td>
</tr>
href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a>
<br/>
</td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
<br/>
</tr>
<tr>
<td>xalan</td><td>serializer</td><td>2.7.1.jbossorg-4</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a>
<br/>
</td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td>
<br/>
</tr>
<tr>
<td>xalan</td><td>xalan</td><td>2.7.1.jbossorg-4</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a>
<br/>
</td><td><a href="apache license 2.0.txt">apache license 2.0.txt</a></td>
<br/>
</table>
</body>
</html>
<script type="text/javascript">

var _gaq = _gaq || [];
_gaq.push(['_setAccount', 'UA-3676394-2']);
_gaq.push(['_trackPageview']);

(function() {
  var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
  var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
})();

</script>

</body>
BSD 3-Clause No Nuclear License

Ful name:
BSD 3-Clause No Nuclear License

Short identifier:
BSD-3-Clause-No-Nuclear-License

Other web pages for this license:
http://download.oracle.com/otn-pub/java/licenses/bsd.txt?AuthParam=1467140197_43d516ce1776bd08a58235a7785be1cc

Notes:
This license has an older Sun copyright notice and is the same license as BSD-3-Clause-No-Nuclear-Warranty, except it specifies that that software is "not licensed" for use in a nuclear facility, as opposed to a disclaimer for such use.

Text:

Copyright 1994-2009 Sun Microsystems, Inc. All Rights Reserved.
Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistribution of source code must retain the above copyright notice, this list of conditions and the following disclaimer.

* Redistribution in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

* Neither the name of Sun Microsystems, Inc. or the names of contributors may be used to endorse or promote products derived from this software without specific prior written permission.

This software is provided "AS IS," without a warranty of any kind. ALL EXPRESS OR IMPLIED CONDITIONS, REPRESENTATIONS AND WARRANTIES, INCLUDING ANY IMPLIED WARRANTY OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE OR NONINFRINGEMENT, ARE HEREBY EXCLUDED. SUN MICROSYSTEMS, INC. ("SUN") AND ITS LICENSORS SHALL NOT BE LIABLE FOR ANY DAMAGES SUFFERED BY LICENSEE AS A RESULT OF USING, MODIFYING OR DISTRIBUTING THIS SOFTWARE OR ITS DERIVATIVES. IN NO EVENT WILL SUN OR ITS LICENSORS BE LIABLE FOR ANY LOST REVENUE, PROFIT OR DATA, OR FOR DIRECT, INDIRECT, SPECIAL, CONSEQUENTIAL, INCIDENTAL OR PUNITIVE DAMAGES, HOWEVER CAUSED AND REGARDLESS OF THE THEORY OF LIABILITY, ARISING OUT OF THE USE OF OR INABILITY TO USE THIS SOFTWARE, EVEN IF SUN HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

You acknowledge that this software is not designed, licensed or intended for use in the design, construction, operation or maintenance of any nuclear facility.
Being in the public domain is not a license; rather, it means the material is not copyrighted and no license is needed.
<dependency>
<groupId>javax.activation</groupId>
<artifactId>activation</artifactId>
<version>1.1.1</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.1</name>
<url>https://javaee.github.io/glassfish/LICENSE</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>javax.enterprise</groupId>
<artifactId>cdi-api</artifactId>
<version>1.2</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>javax.inject</groupId>
<artifactId>javax.inject</artifactId>
<version>1</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>javax.validation</groupId>
<artifactId>validation-api</artifactId>
<version>1.1.0.Final</version>
<licenses>
</licenses>
</dependency>
<dependency>
<groupId>org.apache.taglibs</groupId>
<artifactId>taglibs-standard-compat</artifactId>
<version>1.2.6-RC1</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.taglibs</groupId>
<artifactId>taglibs-standard-impl</artifactId>
<version>1.2.6-RC1</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.taglibs</groupId>
<artifactId>taglibs-standard-spec</artifactId>
<version>1.2.6-RC1</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.eclipse.jdt.core.compiler</groupId>
<artifactId>ecj</artifactId>
<version>4.6.1</version>
<licenses>
<license>
</dependency>
<dependency>
<groupId>org.glassfish</groupId>
<artifactId>javax.el-impl</artifactId>
<version>3.0.1-b08-jbossorg-1</version>
<licenses>
<license>
<name>Eclipse Public License 1.0</name>
<url>http://repository.jboss.org/licenses/epl-1.0.txt</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.glassfish</groupId>
<artifactId>javax.enterprise.concurrent</artifactId>
<version>1.0</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.1</name>
<url>https://javaee.github.io/glassfish/LICENSE</url>
<distribution>repo</distribution>
</license>
<license>
<name>GNU General Public License v2.0 only, with Classpath exception</name>
<url>http://openjdk.java.net/legal/gplv2+ce.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.common</groupId>
<artifactId>jboss-common-beans</artifactId>
<version>2.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.metadata</groupId>
  <artifactId>jboss-metadata-common</artifactId>
  <version>10.0.2.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.metadata</groupId>
  <artifactId>jboss-metadata-ear</artifactId>
  <version>10.0.2.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.metadata</groupId>
  <artifactId>jboss-metadata-web</artifactId>
  <version>10.0.2.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.security</groupId>
  <artifactId>jboss-negotiation-common</artifactId>
  <version>3.0.4.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.jboss.security</groupId>
<artifactId>jboss-negotiation-extras</artifactId>
<version>3.0.4.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.security</groupId>
<artifactId>jboss-negotiation-ntlm</artifactId>
<version>3.0.4.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.security</groupId>
<artifactId>jboss-negotiation-spnego</artifactId>
<version>3.0.4.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.spec.javax.annotation</groupId>
<artifactId>jboss-annotations-api_1.2_spec</artifactId>
<version>1.0.0.Final</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.1</name>
<url>https://javaee.github.io/glassfish/LICENSE</url>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.spec.javax.el</groupId>
  <artifactId>jboss-el-api_3.0_spec</artifactId>
  <version>1.0.9.Final</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.spec.javax.enterprise.concurrent</groupId>
  <artifactId>jboss-concurrency-api_1.0_spec</artifactId>
  <version>1.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.spec.javax.security.auth.message</groupId>
  <artifactId>jboss-jaspi-api_1.1_spec</artifactId>
  <version>1.0.0.Final</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
</dependency>
</licenses>
</dependency>
<dependency>
<groupId>org.picketbox</groupId>
<artifactId>picketbox-infinispan</artifactId>
<version>5.0.2.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-common</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-service</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-ee</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-naming</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-naming-client</artifactId>
  <version>1.0.7.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-security</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-undertow</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-web-common</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-core-feature-pack</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-elytron-integration</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
CREATIVE COMMONS CORPORATION IS NOT A LAW FIRM AND DOES NOT PROVIDE LEGAL SERVICES. DISTRIBUTION OF THIS LICENSE DOES NOT CREATE AN ATTORNEY-CLIENT RELATIONSHIP. CREATIVE COMMONS PROVIDES THIS INFORMATION ON AN "AS-IS" BASIS. CREATIVE COMMONS MAKES NO WARRANTIES REGARDING THE INFORMATION PROVIDED, AND DISCLAIMS LIABILITY FOR DAMAGES RESULTING FROM ITS USE.

THE WORK (AS DEFINED BELOW) IS PROVIDED UNDER THE TERMS OF THIS CREATIVE COMMONS PUBLIC LICENSE ("CCPL" OR "LICENSE"). THE WORK IS PROTECTED BY COPYRIGHT AND/OR OTHER APPLICABLE LAW. ANY USE OF THE WORK OTHER THAN AS AUTHORIZED UNDER THIS LICENSE OR COPYRIGHT LAW IS PROHIBITED. 

BY EXERCISING ANY RIGHTS TO THE WORK PROVIDED HERE, YOU ACCEPT AND AGREE TO BE BOUND BY THE TERMS OF THIS LICENSE. THE LICENSOR GRANTS YOU THE RIGHTS CONTAINED HERE IN CONSIDERATION OF YOUR ACCEPTANCE OF SUCH TERMS AND CONDITIONS.

1. Definitions

"Collective Work" means a work, such as a periodical issue, anthology or encyclopedia, in which the Work in its entirety in unmodified form, along with a number of other contributions, constituting separate and independent works in themselves, are assembled into a collective whole. A work that constitutes a Collective Work will not be considered a Derivative Work (as defined below) for the purposes of this License.

"Derivative Work" means a work based upon the Work or upon the Work and other pre-existing
works, such as a translation, musical arrangement, dramatization, fictionalization, motion picture version, sound recording, art reproduction, abridgment, condensation, or any other form in which the Work may be recast, transformed, or adapted, except that a work that constitutes a Collective Work will not be considered a Derivative Work for the purpose of this License. For the avoidance of doubt, where the Work is a musical composition or sound recording, the synchronization of the Work in timed-relation with a moving image ("synching") will be considered a Derivative Work for the purpose of this License.<li>

<strong>"Licensor"</strong> means the individual or entity that offers the Work under the terms of this License.

</li>

<li>

<strong>"Original Author"</strong> means the individual or entity who created the Work.

</li>

<li>

<strong>"Work"</strong> means the copyrightable work of authorship offered under the terms of this License.

</li>

<li>

<strong>"You"</strong> means an individual or entity exercising rights under this License who has not previously violated the terms of this License with respect to the Work, or who has received express permission from the Licensor to exercise rights under this License despite a previous violation.

</li>

</ol>

<p><strong>2. Fair Use Rights.</strong> Nothing in this license is intended to reduce, limit, or restrict any rights arising from fair use, first sale or other limitations on the exclusive rights of the copyright owner under copyright law or other applicable laws.</p>

<p><strong>3. License Grant.</strong> Subject to the terms and conditions of this License, Licensor hereby grants You a worldwide, royalty-free, non-exclusive, perpetual (for the duration of the applicable copyright) license to exercise the rights in the Work as stated below: </p>

<ol type="a">

<li>to reproduce the Work, to incorporate the Work into one or more Collective Works, and to reproduce the Work as incorporated in the Collective Works;</li>

<li>to create and reproduce Derivative Works;</li>

<li>to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission the Work including as incorporated in Collective Works;</li>

<li>to distribute copies or phonorecords of, display publicly, perform publicly, and perform publicly by means of a digital audio transmission Derivative Works.</li>

</ol>

<p>For the avoidance of doubt, where the work is a musical composition:</p>

<ol type="i">

<li><strong>Performance Royalties Under Blanket Licenses</strong>. Licensor waives the exclusive right to collect, whether individually or via a performance rights society (e.g. ASCAP, BMI, SESAC), royalties for the public performance or public digital performance (e.g. webcast) of the Work.</li>

</ol>
<li><strong>Mechanical Rights and Statutory Royalties</strong>. Licensor waives the exclusive right to collect, whether individually or via a music rights agency or designated agent (e.g. Harry Fox Agency), royalties for any phonorecord You create from the Work ("cover version") and distribute, subject to the compulsory license created by 17 USC Section 115 of the US Copyright Act (or the equivalent in other jurisdictions).

<li><strong>Webcasting Rights and Statutory Royalties</strong>. For the avoidance of doubt, where the Work is a sound recording, Licensor waives the exclusive right to collect, whether individually or via a performance-rights society (e.g. SoundExchange), royalties for the public digital performance (e.g. webcast) of the Work, subject to the compulsory license created by 17 USC Section 114 of the US Copyright Act (or the equivalent in other jurisdictions).

The above rights may be exercised in all media and formats whether now known or hereafter devised. The above rights include the right to make such modifications as are technically necessary to exercise the rights in other media and formats. All rights not expressly granted by Licensor are hereby reserved.

The license granted in Section 3 above is expressly made subject to and limited by the following restrictions: 

You may distribute, publicly display, publicly perform, or publicly digitally perform the Work only under the terms of this License, and You must include a copy of, or the Uniform Resource Identifier for, this License with every copy or phonorecord of the Work You distribute, publicly display, publicly perform, or publicly digitally perform. You may not offer or impose any terms on the Work that alter or restrict the terms of this License or the recipients' exercise of the rights granted hereunder. You may not sublicense the Work. You must keep intact all notices that refer to this License and to the disclaimer of warranties. You may not distribute, publicly display, publicly perform, or publicly digitally perform the Work with any technological measures that control access or use of the Work in a manner inconsistent with the terms of this License Agreement. The above applies to the Work as incorporated in a Collective Work, but this does not require the Collective Work apart from the Work itself to be made subject to the terms of this License. If You create a Collective Work, upon notice from any Licensor You must, to the extent practicable, remove from the Collective Work any credit as required by clause 4(b), as requested. If You create a Derivative Work, upon notice from any Licensor You must, to the extent practicable, remove from the Derivative Work any credit as required by clause 4(b), as requested.

If you distribute, publicly display, publicly perform, or publicly digitally perform the Work or any Derivative Works or Collective Works, You must keep intact all copyright notices for the Work and provide, reasonable to the medium or means You are utilizing: (i) the name of the Original Author (or pseudonym, if applicable) if supplied, and/or (ii) if the Original Author and/or Licensor designate another party or parties (e.g. a sponsor institute, publishing entity, journal) for attribution in Licensor's copyright notice, terms of service or by other reasonable means, the name of such party or parties; the title of the Work if supplied; to the extent reasonably practicable, the Uniform Resource Identifier, if any, that Licensor specifies to be associated with the Work, unless such URI does not refer to the copyright notice or licensing information for the Work; and in the case of a Derivative Work, a credit identifying the use of the Work in the Derivative Work (e.g., "French translation of the Work by Original Author," or "Screenplay based on original Work by Original Author"). Such credit may be implemented in any reasonable manner; provided, however, that in the case of a Derivative Work or Collective Work, at a minimum such credit will appear where any other comparable authorship credit appears and in a manner at least as prominent as such other comparable authorship credit.

5. Representations, Warranties and Disclaimer
UNLESS OTHERWISE MUTUALLY AGREED TO BY THE PARTIES IN WRITING, LICENSOR OFFERS THE WORK AS-IS AND MAKES NO REPRESENTATIONS OR WARRANTIES OF ANY KIND CONCERNING THE WORK, EXPRESS, IMPLIED, STATUTORY OR OTHERWISE, INCLUDING, WITHOUT LIMITATION, WARRANTIES OF TITLE, MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE, NONINFRINGEMENT, OR THE ABSENCE OF LATENT OR OTHER DEFECTS, ACCURACY, OR THE PRESENCE OF ABSENCE OF ERRORS, WHETHER OR NOT DISCOVERABLE. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OF IMPLIED WARRANTIES, SO SUCH EXCLUSION MAY NOT APPLY TO YOU.

EXCEPT TO THE EXTENT REQUIRED BY APPLICABLE LAW, IN NO EVENT WILL LICENSOR BE LIABLE TO YOU ON ANY LEGAL THEORY FOR ANY SPECIAL, INCIDENTAL, CONSEQUENTIAL, PUNITIVE OR EXEMPLARY DAMAGES ARISING OUT OF THIS LICENSE OR THE USE OF THE WORK, EVEN IF LICENSOR HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

7. Termination
This License and the rights granted hereunder will terminate automatically upon any breach by You of the terms of this License. Individuals or entities who have received Derivative Works or Collective Works from You under this License, however, will not have their licenses terminated provided such individuals or entities remain in full compliance with those licenses. Sections 1, 2, 5, 6, 7, and 8 will survive any termination of this License.

Subject to the above terms and conditions, the license granted here is perpetual (for the duration of the applicable copyright in the Work). Notwithstanding the above, Licensor reserves the right to release the Work under different license terms or to stop distributing the Work at any time; provided, however that any such election will not serve to withdraw this License (or any other license that has been, or is required to be, granted under the terms of this License), and this License will continue in full force and effect unless terminated as stated above.

8. Miscellaneous
Each time You distribute or publicly digitally perform the Work or a Collective Work, the Licensor offers to the recipient a license to the Work on the same terms and conditions as the license granted to You under this License.
Each time You distribute or publicly digitally perform a Derivative Work, Licensor offers to the recipient a license to the original Work on the same terms and conditions as the license granted to You under this License.
If any provision of this License is invalid or unenforceable under applicable law, it shall not affect the validity or enforceability of the remainder of the terms of this License, and without further action by the parties to this agreement, such provision shall be reformed to the minimum extent necessary to make such provision valid and enforceable.
No term or provision of this License shall be deemed waived and no breach consented to unless such waiver or consent shall be in writing and signed by the party to be charged with such waiver or consent.
This License constitutes the entire agreement between the parties with respect to the Work licensed here. There are no understandings, agreements or representations with respect to the Work not specified here. Licensor shall not be bound by any additional provisions that may appear in any communication from You. This License may not be modified without the mutual written agreement of the Licensor and You.

Creative Commons is not a party to this License, and makes no warranty whatsoever in connection with the Work. Creative Commons will not be liable to You or any party on any legal theory for any damages whatsoever, including without limitation any general, special, incidental or consequential damages arising in connection to this license. Notwithstanding the foregoing two (2) sentences, if Creative Commons has expressly identified itself as the Licensor hereunder, it shall have all rights and obligations of Licensor.

Except for the limited purpose of indicating to the public that the Work is licensed under the CCPL, neither party will use the trademark "Creative Commons" or any related trademark or logo of Creative Commons without the prior written consent of Creative Commons. Any permitted use will be in compliance with Creative Commons' then-current trademark usage guidelines, as may be published on its website or otherwise made available upon request from time to time.

Creative Commons may be contacted at https://creativecommons.org/https://creativecommons.org/.
<licenses>
  <license>
    <name>Apache License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Public Domain</name>
    <url>http://repository.jboss.org/licenses/cc0-1.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>jboss-dmr</artifactId>
  <version>1.4.1.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>jboss-vfs</artifactId>
  <version>3.2.12.Final</version>
  <licenses>
    <license>
      <name>asl</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>staxmapper</artifactId>
  <version>1.3.0.Final</version>
  <licenses>
    <license>
      <name>Public Domain</name>
      <url>http://repository.jboss.org/licenses/cc0-1.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
</dependency>
<dependency>
<groupId>org.jboss.aesh</groupId>
<artifactId>aesh</artifactId>
<version>0.66.19</version>
/licenses>
<license>
  <name>Apache License, Version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0</url>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.jboss.classfilewriter</groupId>
<artifactId>jboss-classfilewriter</artifactId>
<version>1.2.1.Final</version>
/licenses>
<license>
  <name>Apache License, version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.jboss.invocation</groupId>
<artifactId>jboss-invocation</artifactId>
<version>1.5.0.Final</version>
/licenses>
<license>
  <name>Apache License 2.0</name>
  <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
  <distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.jboss.logging</groupId>
<artifactId>jboss-logging</artifactId>
<version>3.3.1.Final</version>
/licenses>
<license>
  <name>Apache License, version 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
  <distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.jboss.logging</groupId>
<artifactId>jul-to-slf4j-stub</artifactId>
<version>1.0.1.Final</version>
<licenses>
  <license>
    <name>Public Domain</name>
    <url>http://repository.jboss.org/licenses/cc0-1.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.logmanager</groupId>
  <artifactId>commons-logging-jboss-logmanager</artifactId>
  <version>1.0.2.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.logmanager</groupId>
  <artifactId>jboss-logmanager</artifactId>
  <version>2.0.7.Final</version>
  <licenses>
    <license>
      <name>Apache License Version 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.logmanager</groupId>
  <artifactId>log4j-jboss-logmanager</artifactId>
  <version>1.1.4.Final</version>
  <licenses>
    <license>
      <name>The Apache Software License, Version 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<groupId>org.jboss.marshalling</groupId>
<artifactId>jboss-marshalling</artifactId>
<version>2.0.2.Final</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.marshalling</groupId>
<artifactId>jboss-marshalling-river</artifactId>
<version>2.0.2.Final</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.modules</groupId>
<artifactId>jboss-modules</artifactId>
<version>1.6.1.Final</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Indiana University Extreme! Lab Software License 1.1.1</name>
    <url>http://www.bearcave.com/software/java/xml/xmlpull_license.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.msc</groupId>
<artifactId>jboss-msc</artifactId>
<version>1.2.7.SP1</version>
<licenses>
  <license>
    <name>Public Domain</name>
    <url>http://repository.jboss.org/licenses/cc0-1.0.txt</url>
  </license>
</licenses>
</dependency>
<groupId>org.jboss.remoting</groupId>
<artifactId>jboss-remoting</artifactId>
<version>5.0.5.Final</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.remotingjmx</groupId>
  <artifactId>remoting-jmx</artifactId>
  <version>3.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/lgpl-2.1.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.slf4j</groupId>
  <artifactId>slf4j-jboss-logmanager</artifactId>
  <version>1.0.3.GA</version>
  <licenses>
    <license>
      <name>Public Domain</name>
      <url>http://repository.jboss.org/licenses/cc0-1.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.spec.javax.interceptor</groupId>
  <artifactId>jboss-interceptors-api_1.2_spec</artifactId>
  <version>1.0.0.Final</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License</name>
      <url>http://repository.jboss.org/licenses/cddl.txt</url>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.jboss.xnio</groupId>
    <artifactId>xnio-api</artifactId>
    <version>3.5.4.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.xnio</groupId>
    <artifactId>xnio-nio</artifactId>
    <version>3.5.4.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.picketbox</groupId>
    <artifactId>picketbox</artifactId>
    <version>5.0.2.Final</version>
    <licenses>
        <license>
            <name>lgpl</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.projectodd.vdx</groupId>
    <artifactId>vdx-core</artifactId>
    <version>1.1.6</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.projectodd.vdx</groupId>
  <artifactId>vdx-wildfly</artifactId>
  <version>1.1.6</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.slf4j</groupId>
  <artifactId>slf4j-api</artifactId>
  <version>1.7.22</version>
  <licenses>
    <license>
      <name>MIT License</name>
      <url>http://www.opensource.org/licenses/mit-license.php</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.client</groupId>
  <artifactId>wildfly-client-config</artifactId>
  <version>1.0.0.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.common</groupId>
  <artifactId>wildfly-common</artifactId>
  <version>1.2.0.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-cli</artifactId>
<version>3.0.8.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 or later</name>
    <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-controller</artifactId>
<version>3.0.8.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 or later</name>
    <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-controller-client</artifactId>
<version>3.0.8.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 or later</name>
    <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Apache License 2.0</name>
    <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-core-management-client</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-core-management-subsystem</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-core-model-test-framework</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-core-security</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-core-security-api</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-deployment-repository</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-deployment-scanner</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-discovery</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-domain-http-error-context</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
<distribution>repo</distribution>
</license>
<license>
  <name>Apache License 2.0</name>
  <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
  <distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-domain-http-interface</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-domain-management</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-elytron-integration</artifactId>
<version>3.0.8.Final</version>
<licenses>
<license>
 <name>GNU Lesser General Public License v2.1 or later</name>
 <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
 <distribution>repo</distribution>
</license>
<license>
 <name>Apache License 2.0</name>
 <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
 <distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
 <groupId>org.wildfly.core</groupId>
 <artifactId>wildfly-embedded</artifactId>
 <version>3.0.8.Final</version>
<licenses>
<license>
 <name>GNU Lesser General Public License v2.1 or later</name>
 <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
 <distribution>repo</distribution>
</license>
<license>
 <name>Apache License 2.0</name>
 <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
 <distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
 <groupId>org.wildfly.core</groupId>
 <artifactId>wildfly-host-controller</artifactId>
 <version>3.0.8.Final</version>
<licenses>
<license>
 <name>GNU Lesser General Public License v2.1 or later</name>
 <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
 <distribution>repo</distribution>
</license>
<license>
 <name>Apache License 2.0</name>
 <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
 <distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-io</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-jmx</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly.core</groupId>
    <artifactId>wildfly-launcher</artifactId>
    <version>3.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Apache License 2.0</name>
            <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-logging</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-management-client-content</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-network</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<name>Apache License 2.0</name>  
<url>http://repository.jboss.org/licenses/apache-2.0.txt</url>  
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>  
<artifactId>wildfly-patching</artifactId>  
<version>3.0.8.Final</version>  
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>  
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>  
<distribution>repo</distribution>
</license>
<license>
<name>Apache License 2.0</name>  
<url>http://repository.jboss.org/licenses/apache-2.0.txt</url>  
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>  
<artifactId>wildfly-platform-mbean</artifactId>  
<version>3.0.8.Final</version>  
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>  
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>  
<distribution>repo</distribution>
</license>
<license>
<name>Apache License 2.0</name>  
<url>http://repository.jboss.org/licenses/apache-2.0.txt</url>  
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>  
<artifactId>wildfly-process-controller</artifactId>  
<version>3.0.8.Final</version>  
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>  
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>  
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-protocol</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-remoting</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.core</groupId>
  <artifactId>wildfly-request-controller</artifactId>
  <version>3.0.8.Final</version>
  <licenses>
  </licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-security-manager</artifactId>
<version>3.0.8.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
<distribution>repo</distribution>
</license>
<license>
<name>Apache License 2.0</name>
<url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-server</artifactId>
<version>3.0.8.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
<distribution>repo</distribution>
</license>
<license>
<name>Apache License 2.0</name>
<url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-threads</artifactId>
<version>3.0.8.Final</version>
/licenses>
/license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.wildfly.core</groupId>
<artifactId>wildfly-version</artifactId>
<version>3.0.8.Final</version>
/licenses>
/license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://repository.jboss.org/licenses/lgpl-2.1.txt</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.wildfly.discovery</groupId>
<artifactId>wildfly-discovery-client</artifactId>
<version>1.0.0.Final</version>
/licenses>
/license>
<name>Apache License 2.0</name>
<url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.wildfly.openssl</groupId>
<artifactId>wildfly-openssl-java</artifactId>
<version>1.0.2.Final</version>
<licenses>

<license>
  <name>Apache License 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
</license>
</licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.security</groupId>
  <artifactId>wildfly-elytron-tool</artifactId>
  <version>1.0.4.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.security.elytron-web</groupId>
  <artifactId>undertow-server</artifactId>
  <version>1.0.1.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>xerces</groupId>
  <artifactId>xercesImpl</artifactId>
  <version>2.11.0.SP5</version>
  <licenses>
    <license>
      <name>The Apache Software License, Version 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>xml-resolver</groupId>
  <artifactId>xml-resolver</artifactId>
  <version>1.2</version>
  <licenses>
    <license>
      <name>The Apache Software License, Version 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    </license>
  </licenses>
</dependency>
GNU LESSER GENERAL PUBLIC LICENSE

Version 2.1, February 1999

Copyright (C) 1991, 1999 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301  USA

Everyone is permitted to copy and distribute verbatim copies of this license document, but changing it is not allowed.

[This is the first released version of the Lesser GPL.  It also counts as the successor of the GNU Library Public License, version 2, hence the version number 2.1.]

Preamble

The licenses for most software are designed to take away your freedom to share and change it. By contrast, the GNU General Public Licenses are intended to guarantee your freedom to share and change free software--to make sure the software is free for all its users.

This license, the Lesser General Public License, applies to some specially designated software packages--typically libraries--of the Free Software Foundation and other authors who decide to use it. You can use it too, but we suggest you first think carefully about whether this license or the ordinary General Public License is the better strategy to use in any particular case, based on the explanations below.

When we speak of free software, we are referring to freedom of use, not price. Our General Public Licenses are designed to make sure that you have the freedom to distribute copies of free software (and charge for this service if you wish); that you receive source code or can get it if you want it; that you can change the software and use pieces of it in new free programs; and that you are informed that you can do these things.

To protect your rights, we need to make restrictions that forbid distributors to deny you these rights or to ask you to surrender these rights. These restrictions translate to certain responsibilities for you if you distribute copies of the library or if you modify it.

For example, if you distribute copies of the library, whether gratis or for a fee, you must give the recipients all the rights that we gave you. You must make sure that they, too, receive or can get the source code. If you link other code with the library, you must provide complete object files to the recipients, so that they can relink them with the library after making changes to the library and recompiling it. And you must show them these terms so they know their rights.

We protect your rights with a two-step method: (1) we copyright the library, and (2) we offer you this license, which gives you legal permission to copy, distribute and/or modify the library.
To protect each distributor, we want to make it very clear that there is no warranty for the free library. Also, if the library is modified by someone else and passed on, the recipients should know that what they have is not the original version, so that the original author's reputation will not be affected by problems that might be introduced by others.

Finally, software patents pose a constant threat to the existence of any free program. We wish to make sure that a company cannot effectively restrict the users of a free program by obtaining a restrictive license from a patent holder. Therefore, we insist that any patent license obtained for a version of the library must be consistent with the full freedom of use specified in this license.

Most GNU software, including some libraries, is covered by the ordinary GNU General Public License. This license, the GNU Lesser General Public License, applies to certain designated libraries, and is quite different from the ordinary General Public License. We use this license for certain libraries in order to permit linking those libraries into non-free programs.

When a program is linked with a library, whether statically or using a shared library, the combination of the two is legally speaking a combined work, a derivative of the original library. The ordinary General Public License therefore permits such linking only if the entire combination fits its criteria of freedom. The Lesser General Public License permits more lax criteria for linking other code with the library.

We call this license the "Lesser" General Public License because it does Less to protect the user's freedom than the ordinary General Public License. It also provides other free software developers Less of an advantage over competing non-free programs. These disadvantages are the reason we use the ordinary General Public License for many libraries. However, the Lesser license provides advantages in certain special circumstances.

For example, on rare occasions, there may be a special need to encourage the widest possible use of a certain library, so that it becomes a de-facto standard. To achieve this, non-free programs must be allowed to use the library. A more frequent case is that a free library does the same job as widely used non-free libraries. In this case, there is little to gain by limiting the free library to free software only, so we use the Lesser General Public License.

In other cases, permission to use a particular library in non-free programs enables a greater number of people to use a large body of free software. For example, permission to use the GNU C Library in non-free programs enables many more people to use the whole GNU operating system, as well as its variant, the GNU/Linux operating system.

Although the Lesser General Public License is Less protective of the users' freedom, it does ensure that the user of a program that is linked with the Library has the freedom and the wherewithal to run that program using a modified version of the Library.

The precise terms and conditions for copying, distribution and modification follow. Pay close attention to the difference between a "work based on the library" and a "work that uses the library". The former contains code derived from the library, whereas the latter must be combined with the library in order to run.

TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License Agreement applies to any software library or other program which contains a notice placed by the copyright holder or other authorized party saying it may be distributed under the terms of this Lesser General Public License (also called "this License"). Each licensee is addressed as "you".
A "library" means a collection of software functions and/or data prepared so as to be conveniently linked with application programs (which use some of those functions and data) to form executables.

The "Library", below, refers to any such software library or work which has been distributed under these terms. A "work based on the Library" means either the Library or any derivative work under copyright law: that is to say, a work containing the Library or a portion of it, either verbatim or with modifications and/or translated straightforwardly into another language. (Hereinafter, translation is included without limitation in the term "modification").

"Source code" for a work means the preferred form of the work for making modifications to it. For a library, complete source code means all the source code for all modules it contains, plus any associated interface definition files, plus the scripts used to control compilation and installation of the library.

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running a program using the Library is not restricted, and output from such a program is covered only if its contents constitute a work based on the Library (independent of the use of the Library in a tool for writing it). Whether that is true depends on what the Library does and what the program that uses the Library does.

1. You may copy and distribute verbatim copies of the Library's complete source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and distribute a copy of this License along with the Library.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Library or any portion of it, thus forming a work based on the Library, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) The modified work must itself be a software library.
b) You must cause the files modified to carry prominent notices stating that you changed the files and the date of any change.
c) You must cause the whole of the work to be licensed at no charge to all third parties under the terms of this License.
d) If a facility in the modified Library refers to a function or a table of data to be supplied by an application program that uses the facility, other than as an argument passed when the facility is invoked, then you must make a good faith effort to ensure that, in the event an application does not supply such function or table, the facility still operates, and performs whatever part of its purpose remains meaningful.

(For example, a function in a library to compute square roots has a purpose that is entirely well-defined independent of the application. Therefore, Subsection 2d requires that any application-supplied function or table used by this function must be optional: if the application does not supply it, the square root function must still compute square roots.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Library, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the
same sections as part of a whole which is a work based on the Library, the distribution of the whole must be on the
terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every
part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather,
the intent is to exercise the right to control the distribution of derivative or collective works based on the Library.

In addition, mere aggregation of another work not based on the Library with the Library (or with a work based on
the Library) on a volume of a storage or distribution medium does not bring the other work under the scope of this
License.

3. You may opt to apply the terms of the ordinary GNU General Public License instead of this License to a given
copy of the Library. To do this, you must alter all the notices that refer to this License, so that they refer to the
ordinary GNU General Public License, version 2, instead of to this License. (If a newer version than version 2 of the
ordinary GNU General Public License has appeared, then you can specify that version instead if you wish.) Do not
make any other change in these notices.

Once this change is made in a given copy, it is irreversible for that copy, so the ordinary GNU General Public
License applies to all subsequent copies and derivative works made from that copy.

This option is useful when you wish to copy part of the code of the Library into a program that is not a library.

4. You may copy and distribute the Library (or a portion or derivative of it, under Section 2) in object code or
executable form under the terms of Sections 1 and 2 above provided that you accompany it with the complete
corresponding machine-readable source code, which must be distributed under the terms of Sections 1 and 2 above
on a medium customarily used for software interchange.

If distribution of object code is made by offering access to copy from a designated place, then offering equivalent
access to copy the source code from the same place satisfies the requirement to distribute the source code, even
though third parties are not compelled to copy the source along with the object code.

5. A program that contains no derivative of any portion of the Library, but is designed to work with the Library by
being compiled or linked with it, is called a "work that uses the Library". Such a work, in isolation, is not a
derivative work of the Library, and therefore falls outside the scope of this License.

However, linking a "work that uses the Library" with the Library creates an executable that is a derivative of the
Library (because it contains portions of the Library), rather than a "work that uses the library". The executable is
therefore covered by this License. Section 6 states terms for distribution of such executables.

When a "work that uses the Library" uses material from a header file that is part of the Library, the object code for
the work may be a derivative work of the Library even though the source code is not. Whether this is true is
especially significant if the work can be linked without the Library, or if the work is itself a library. The threshold
for this to be true is not precisely defined by law.

If such an object file uses only numerical parameters, data structure layouts and accessors, and small macros and
small inline functions (ten lines or less in length), then the use of the object file is unrestricted, regardless of whether
it is legally a derivative work. (Executables containing this object code plus portions of the Library will still fall
under Section 6.)
Otherwise, if the work is a derivative of the Library, you may distribute the object code for the work under the terms of Section 6. Any executables containing that work also fall under Section 6, whether or not they are linked directly with the Library itself.

6. As an exception to the Sections above, you may also combine or link a "work that uses the Library" with the Library to produce a work containing portions of the Library, and distribute that work under terms of your choice, provided that the terms permit modification of the work for the customer's own use and reverse engineering for debugging such modifications.

You must give prominent notice with each copy of the work that the Library is used in it and that the Library and its use are covered by this License. You must supply a copy of this License. If the work during execution displays copyright notices, you must include the copyright notice for the Library among them, as well as a reference directing the user to the copy of this License. Also, you must do one of these things:

a) Accompany the work with the complete corresponding machine-readable source code for the Library including whatever changes were used in the work (which must be distributed under Sections 1 and 2 above); and, if the work is an executable linked with the Library, with the complete machine-readable "work that uses the Library", as object code and/or source code, so that the user can modify the Library and then relink to produce a modified executable containing the modified Library. (It is understood that the user who changes the contents of definitions files in the Library will not necessarily be able to recompile the application to use the modified definitions.)

b) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (1) uses at run time a copy of the library already present on the user's computer system, rather than copying library functions into the executable, and (2) will operate properly with a modified version of the library, if the user installs one, as long as the modified version is interface-compatible with the version that the work was made with.

c) Accompany the work with a written offer, valid for at least three years, to give the same user the materials specified in Subsection 6a, above, for a charge no more than the cost of performing this distribution.

d) If distribution of the work is made by offering access to copy from a designated place, offer equivalent access to copy the above specified materials from the same place.

e) Verify that the user has already received a copy of these materials or that you have already sent this user a copy.

For an executable, the required form of the "work that uses the Library" must include any data and utility programs needed for reproducing the executable from it. However, as a special exception, the materials to be distributed need not include anything that is normally distributed (in either source or binary form) with the major components (compiler, kernel, and so on) of the operating system on which the executable runs, unless that component itself accompanies the executable.

It may happen that this requirement contradicts the license restrictions of other proprietary libraries that do not normally accompany the operating system. Such a contradiction means you cannot use both them and the Library together in an executable that you distribute.

7. You may place library facilities that are a work based on the Library side-by-side in a single library together with other library facilities not covered by this License, and distribute such a combined library, provided that the separate distribution of the work based on the Library and of the other library facilities is otherwise permitted, and provided that you do these two things:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities. This must be distributed under the terms of the Sections above.
b) Give prominent notice with the combined library of the fact that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

8. You may not copy, modify, sublicense, link with, or distribute the Library except as expressly provided under this License. Any attempt otherwise to copy, modify, sublicense, link with, or distribute the Library is void, and will automatically terminate your rights under this License. However, parties who have received copies, or rights, from you under this License will not have their licenses terminated so long as such parties remain in full compliance.

9. You are not required to accept this License, since you have not signed it. However, nothing else grants you permission to modify or distribute the Library or its derivative works. These actions are prohibited by law if you do not accept this License. Therefore, by modifying or distributing the Library (or any work based on the Library), you indicate your acceptance of this License to do so, and all its terms and conditions for copying, distributing or modifying the Library or works based on it.

10. Each time you redistribute the Library (or any work based on the Library), the recipient automatically receives a license from the original licensor to copy, distribute, link with or modify the Library subject to these terms and conditions. You may not impose any further restrictions on the recipients' exercise of the rights granted herein. You are not responsible for enforcing compliance by third parties with this License.

11. If, as a consequence of a court judgment or allegation of patent infringement or for any other reason (not limited to patent issues), conditions are imposed on you (whether by court order, agreement or otherwise) that contradict the conditions of this License, they do not excuse you from the conditions of this License. If you cannot distribute so as to satisfy simultaneously your obligations under this License and any other pertinent obligations, then as a consequence you may not distribute the Library at all. For example, if a patent license would not permit royalty-free redistribution of the Library by all those who receive copies directly or indirectly through you, then the only way you could satisfy both it and this License would be to refrain entirely from distribution of the Library.

If any portion of this section is held invalid or unenforceable under any particular circumstance, the balance of the section is intended to apply, and the section as a whole is intended to apply in other circumstances.

It is not the purpose of this section to induce you to infringe any patents or other property right claims or to contest validity of any such claims; this section has the sole purpose of protecting the integrity of the free software distribution system which is implemented by public license practices. Many people have made generous contributions to the wide range of software distributed through that system in reliance on consistent application of that system; it is up to the author/donor to decide if he or she is willing to distribute software through any other system and a licensee cannot impose that choice.

This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.

12. If the distribution and/or use of the Library is restricted in certain countries either by patents or by copyrighted interfaces, the original copyright holder who places the Library under this License may add an explicit geographical distribution limitation excluding those countries, so that distribution is permitted only in or among countries not thus excluded. In such case, this License incorporates the limitation as if written in the body of this License.

13. The Free Software Foundation may publish revised and/or new versions of the Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.
Each version is given a distinguishing version number. If the Library specifies a version number of this License which applies to it and "any later version", you have the option of following the terms and conditions either of that version or of any later version published by the Free Software Foundation. If the Library does not specify a license version number, you may choose any version ever published by the Free Software Foundation.

14. If you wish to incorporate parts of the Library into other free programs whose distribution conditions are incompatible with these, write to the author to ask for permission. For software which is copyrighted by the Free Software Foundation, write to the Free Software Foundation; we sometimes make exceptions for this. Our decision will be guided by the two goals of preserving the free status of all derivatives of our free software and of promoting the sharing and reuse of software generally.

NO WARRANTY

15. BECAUSE THE LIBRARY IS LICENSED FREE OF CHARGE, THERE IS NO WARRANTY FOR THE LIBRARY, TO THE EXTENT PERMITTED BY APPLICABLE LAW. EXCEPT WHEN OTHERWISE STATED IN WRITING THE COPYRIGHT HOLDERS AND/OR OTHER PARTIES PROVIDE THE LIBRARY "AS IS" WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE LIBRARY IS WITH YOU. SHOULD THE LIBRARY PROVE DEFECTIVE, YOU ASSUME THE COST OF ALL NECESSARY SERVICING, REPAIR OR CORRECTION.

16. IN NO EVENT UNLESS REQUIRED BY APPLICABLE LAW OR AGREED TO IN WRITING WILL ANY COPYRIGHT HOLDER, OR ANY OTHER PARTY WHO MAY MODIFY AND/OR REDISTRIBUTE THE LIBRARY AS PERMITTED ABOVE, BE LIABLE TO YOU FOR DAMAGES, INCLUDING ANY GENERAL, SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES ARISING OUT OF THE USE OR INABILITY TO USE THE LIBRARY (INCLUDING BUT NOT LIMITED TO LOSS OF DATA OR DATA BEING RENDERED INACCURATE OR LOSSES SUSTAINED BY YOU OR THIRD PARTIES OR A FAILURE OF THE LIBRARY TO OPERATE WITH ANY OTHER SOFTWARE), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Libraries

If you develop a new library, and you want it to be of the greatest possible use to the public, we recommend making it free software that everyone can redistribute and change. You can do so by permitting redistribution under these terms (or, alternatively, under the terms of the ordinary General Public License).

To apply these terms, attach the following notices to the library. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

one line to give the library's name and an idea of what it does.
Copyright (C) year name of author

This library is free software; you can redistribute it and/or modify it under the terms of the GNU Lesser General Public
License as published by the Free Software Foundation; either
version 2.1 of the License, or (at your option) any later version.

This library is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU
Lesser General Public License for more details.

You should have received a copy of the GNU Lesser General Public
License along with this library; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Also add information on how to contact you by electronic and paper mail.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright
disclaimer" for the library, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in
the library `Frob' (a library for tweaking knobs) written
by James Random Hacker.

signature of Ty Coon, 1 April 1990
Ty Coon, President of Vice
That's all there is to it!
COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL) Version 1.0

1. Definitions.

1.1. "Contributor" means each individual or entity that
creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the
Original Software, prior Modifications used by a
Contributor (if any), and the Modifications made by that
particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or
(b) Modifications, or (c) the combination of files
containing Original Software with files containing
Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form
other than Source Code.

1.5. "Initial Developer" means the individual or entity
that first makes Original Software available under this
License.
1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by the terms of this License.

1.7. "License" means this document.

1.8. "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 the Source Code and Executable form of any of the following:

   A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

   B. Any new file that contains any part of the Original Software or previous Modification; or

   C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "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.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. 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. License Grants.

2.1. The Initial Developer Grant.

Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(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 Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party 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 Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.

Conditioned upon Your compliance with Section 3.1 below and 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 Software 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
distributes or otherwise makes the Modifications
available to a third party.

(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) 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 (3) under
Patent Claims infringed by Covered Software in the
absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.

Any Covered Software that You distribute or otherwise make
available in Executable form must also be made available in
Source Code form and that Source Code form must be
distributed only under the terms of this License. You must
include a copy of this License with every copy of the
Source Code form of the Covered Software You distribute or
otherwise make available. You must inform recipients of any
such Covered Software in Executable form as to how they can
obtain such Covered Software in Source Code form in a
reasonable manner on or through a medium customarily used
for software exchange.

3.2. Modifications.
The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.

You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.

You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify 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.

3.5. Distribution of Executable Versions.

You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of 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 form does not attempt to limit or alter the recipient’s rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form 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 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.


You may create a Larger Work by combining Covered Software
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 Software.

4. Versions of the License.

4.1. New Versions.

Sun Microsystems, Inc. is the initial license steward and
may publish revised and/or new versions of this License
from time to time. Each version will be given a
distinguishing version number. Except as provided in
Section 4.3, no one other than the license steward has the
right to modify this License.

4.2. Effect of New Versions.

You may always continue to use, distribute or otherwise
make the Covered Software available under the terms of the
version of the License under which You originally received
the Covered Software. If the Initial Developer includes a
notice in the Original Software prohibiting it from being
distributed or otherwise made available under any
subsequent version of the License, You must distribute and
make the Covered Software available under the terms of the
version of the License under which You originally received
the Covered Software. Otherwise, You may also choose to
use, distribute or otherwise make the Covered Software
available under the terms of any subsequent version of the
License published by the license steward.

4.3. Modified Versions.

When You are an Initial Developer and You want to create a
new license for Your Original Software, You may create and
use a modified version of this License if You: (a) rename
the license and remove any references to the name of the
license steward (except to note that the license differs
from this License); and (b) otherwise make it clear that
the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.

COVERED SOFTWARE 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 SOFTWARE IS FREE OF DEFECTS, MERCHANTABILITY, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT 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 SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. 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. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. In the event of termination under Sections 6.1 or 6.2
above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. 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 SOFTWARE, 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 LOST PROFITS, 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.

8. U.S. GOVERNMENT END USERS.

The Covered Software is a “commercial item,” as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of “commercial computer software” (as that term is defined at 48 C.F.R. ”252.227-7014(a)(1)) 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 Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. 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 the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction’s conflict-of-law provisions. Any litigation
relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, 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. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. 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.

SOFTWARE RIGHTS

ANTLR 1989-2006 Developed by Terence Parr
Partially supported by University of San Francisco & jGuru.com

We reserve no legal rights to the ANTLR--it is fully in the public domain. An individual or company may do whatever they wish with source code distributed with ANTLR or the code generated by ANTLR, including the incorporation of ANTLR, or its output, into commerical software.

We encourage users to develop software with ANTLR. However, we do ask that credit is given to us for developing ANTLR. By "credit", we mean that if you use ANTLR or incorporate any source code into one of your programs (commercial product, research project, or otherwise) that you acknowledge this fact somewhere in the documentation, research report, etc... If you like ANTLR and have developed a nice tool with the output, please mention that you developed it using ANTLR. In addition, we ask that the headers remain intact in our source code. As long as these guidelines are kept, we expect to continue enhancing this system and expect to make other tools available as they are completed.
The primary ANTLR guy:

Terence Parr
partr@cs.usfca.edu
partr@antlr.org

<html>
<head>
<META http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8">
<link rel="stylesheet" type="text/css" href="licenses.css">
</head>
<body>
<h2>WildFly - Feature Pack</h2>
<p>The following material has been provided for informational purposes only, and should not be relied upon or construed as a legal opinion or legal advice.</p>
<table>
<tr><th>Package Group</th><th>Package Artifact</th><th>Package Version</th><th>Remote Licenses</th><th>Local Licenses</th></tr>
<tr><td>antlr</td><td>antlr</td><td>2.7.7</td><td><a href="http://www.antlr2.org/download/antlr-2.7.7.tar.gz">The Antlr 2.7.7 License</a></td><td><a href="the antlr 2.7.7 license.txt">the antlr 2.7.7 license.txt</a></td></tr>
<tr><td>asm</td><td>asm</td><td>3.3.1</td><td><a href="http://asm.ow2.org/license.html">The Asm BSD License</a></td><td><a href="the asm bsd license.txt">the asm bsd license.txt</a></td></tr>
<tr><td>ch.qos.cal10n</td><td>cal10n-api</td><td>0.8.1</td><td><a href="http://www.opensource.org/licenses/MIT">MIT License</a></td><td><a href="mit license.txt">mit license.txt</a></td></tr>
<tr><td>com.fasterxml</td><td>classmate</td><td>1.3.3</td><td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td><td></td></tr>
</table>
</body>
</html>
<table>
<thead>
<tr>
<th>Project</th>
<th>Dependency</th>
<th>Version</th>
<th>License</th>
<th>License Link</th>
</tr>
</thead>
<tbody>
<tr>
<td>com.fasterxml.jackson.core</td>
<td>jackson-annotations</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>com.fasterxml.jackson.core</td>
<td>jackson-core</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>com.fasterxml.jackson.core</td>
<td>jackson-databind</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>com.fasterxml.jackson.datatype</td>
<td>jackson-datatype-jdk8</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>com.fasterxml.jackson.datatype</td>
<td>jackson-datatype-jsr310</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>com.fasterxml.jackson.jaxrs</td>
<td>jackson-jaxrs-base</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>Package</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>---------------------------------</td>
<td>---------------------------------</td>
<td>---------</td>
<td>----------------------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>com.fasterxml.jackson.jaxrs</td>
<td>jackson-jaxrs-json-provider</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>com.fasterxml.jackson.module</td>
<td>jackson-module-jaxb-annotations</td>
<td>2.8.9</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>com.github.relaxng</td>
<td>relaxngDatatype</td>
<td>2011.1</td>
<td>BSD 3-clause &quot;New&quot; or &quot;Revised&quot; License</td>
<td>bsd 3-clause new or revised license.html</td>
</tr>
<tr>
<td>com.github.spullara.mustache.java</td>
<td>compiler</td>
<td>0.9.4</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>com.google.guava</td>
<td>guava</td>
<td>20.0</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
</tbody>
</table>
| com.h2database                | h2                              | 1.4.193 | Mozilla Public License 2.0       | mozilla/MPL/2.0/
<table>
<thead>
<tr>
<th>Package Name</th>
<th>Module Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>com.io7m.xom</td>
<td>xom</td>
<td>1.2.10</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>com.microsoft.azure</td>
<td>azure-storage</td>
<td>5.0.0</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>com.sun.faces</td>
<td>jsf-impl</td>
<td>2.2.13.SP4</td>
<td>Common Development and Distribution License 1.1, GNU General Public License v2.0 only, with Classpath exception</td>
</tr>
<tr>
<td>com.sun.istack</td>
<td>istack-commons-runtime</td>
<td>2.2.1</td>
<td>Common Development and Distribution License 1.1, GNU General Public License v2.0 only, with Classpath exception</td>
</tr>
<tr>
<td>com.sun.istack</td>
<td>istack-commons-tools</td>
<td>2.21</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">https://javaee.github.io/glassfish/LICENSE</a></td>
</tr>
<tr>
<td>------------------------</td>
<td>----------------------</td>
<td>------</td>
<td>---------------------------------------------</td>
</tr>
<tr>
<td>com.sun.mail</td>
<td>javax.mail</td>
<td>1.5.6</td>
<td><a href="https://opensource.org/licenses/cddl1.txt">https://opensource.org/licenses/cddl1.txt</a></td>
</tr>
<tr>
<td>com.sun.xml.bind.external</td>
<td>rngom</td>
<td>2.2.11.jbossorg-1</td>
<td><a href="http://www.opensource.org/licenses/MIT">http://www.opensource.org/licenses/MIT</a></td>
</tr>
</tbody>
</table>

**Open Source Used In OneID 1.0.1**

- com.sun.istack
- istack-commons-tools
- 2.21
- https://javaee.github.io/glassfish/LICENSE
- Common Development and Distribution License 1.1
- GNU General Public License v2.0 only, with Classpath exception
- com.sun.mail
- javax.mail
- 1.5.6
- https://opensource.org/licenses/cddl1.txt
- Common Development and Distribution License 1.0
- GNU General Public License v2.0 only, with Classpath exception
- com.sun.xml.bind.external
- rngom
- 2.2.11.jbossorg-1
- http://www.opensource.org/licenses/MIT
- MIT License
- com.sun.xml.fastinfoset
- FastInfoset
- 1.2.13
- http://www.opensource.org/licenses/MIT
- MIT License
- com.sun.xml.bind.external
- rngom
- 2.2.11.jbossorg-1
- http://www.opensource.org/licenses/MIT
- MIT License
- com.sun.xml.fastinfoset
- FastInfoset
- 1.2.13
- http://www.opensource.org/licenses/MIT
- MIT License
<table>
<thead>
<tr>
<th>Jar Name</th>
<th>Group Id</th>
<th>Version</th>
<th>License</th>
<th>License File</th>
</tr>
</thead>
<tbody>
<tr>
<td>commons-beanutils</td>
<td>commons-beanutils</td>
<td>1.9.3</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>commons-cli</td>
<td>commons-cli</td>
<td>1.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>com.sun.xml.messaging.saaj</td>
<td>saaj-impl</td>
<td>1.3.16-jbossorg-1</td>
<td>Common Development and Distribution License 1.1</td>
<td>common development and distribution license 1.1.txt</td>
</tr>
<tr>
<td>com.sun.xsom</td>
<td>xsom</td>
<td>20140925</td>
<td>Common Development and Distribution License 1.1</td>
<td>common development and distribution license 1.1.txt</td>
</tr>
<tr>
<td>commons-beanutils</td>
<td>commons-beanutils</td>
<td>1.9.3</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>commons-cli</td>
<td>commons-cli</td>
<td>1.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Library</td>
<td>Version</td>
<td>License</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------</td>
<td>-----------</td>
<td>-----------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>commons-codec</td>
<td>1.10</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>commons-collections</td>
<td>3.2.2</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>commons-io</td>
<td>2.5</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>commons-lang</td>
<td>2.6</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>commons-pool</td>
<td>1.6</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
</tr>
<tr>
<td>dom4j</td>
<td>1.6.1</td>
<td>Plexus Classworlds License</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Library</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
<td>License URL</td>
</tr>
<tr>
<td>--------------------</td>
<td>-------------------</td>
<td>---------------</td>
<td>----------------------------------------------</td>
<td>------------------------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>Open Source</td>
<td>Used In OneID</td>
<td>1.0.1</td>
<td></td>
<td></td>
</tr>
<tr>
<td>GNU</td>
<td>Library General</td>
<td>Public License</td>
<td>v2 only</td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.0-standalone.html">GNU Library General Public License v2 only</a></td>
</tr>
<tr>
<td>gnu.getopt</td>
<td>java-getopt</td>
<td>1.0.13</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.0-standalone.html">GNU Library General Public License v2 only</a></td>
<td></td>
</tr>
<tr>
<td>gnu.library</td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.0-standalone.html">GNU Library General Public License v2 only</a></td>
<td></td>
</tr>
<tr>
<td>io.netty</td>
<td>netty-all</td>
<td>4.1.9.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td>io.undertow.js</td>
<td>undertow-js</td>
<td>1.0.2.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td>javax.jws</td>
<td>jsr181-api</td>
<td>1.0-MR1</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception.txt</a></td>
<td><a href="http://openjdk.java.net/legal/gplv2+ce.html">GNU General Public License v2.0 only, with Classpath exception.txt</a></td>
</tr>
<tr>
<td>jaxen</td>
<td></td>
<td>1.1.6</td>
<td><a href="http://www.opensource.org/licenses/bsd-3-Clause">BSD 3-clause &quot;New&quot; or &quot;Revised&quot; License</a></td>
<td><a href="http://www.opensource.org/licenses/bsd-3-Clause">BSD 3-clause &quot;New&quot; or &quot;Revised&quot; License</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.opensource.org/licenses/bsd-3-Clause">BSD 3-clause new or revised license.html</a></td>
<td><a href="http://www.opensource.org/licenses/bsd-3-Clause">BSD 3-clause new or revised license.html</a></td>
</tr>
<tr>
<td>Project Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License Details</td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------------------</td>
<td>---------------</td>
<td>----------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>jboss.jaxb intros</td>
<td>jboss-jaxb-intros</td>
<td>1.0.2.GA</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td></td>
</tr>
<tr>
<td>joda-time</td>
<td>joda-time</td>
<td>2.9.7</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>net.jcip</td>
<td>jcip-annotations</td>
<td>1.0</td>
<td>Creative Commons Attribution 2.5</td>
<td></td>
</tr>
<tr>
<td>net.shibboleth.utilities</td>
<td>java-support</td>
<td>7.1.1</td>
<td>Apache License 2.0, The BSD License</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-amqp-protocol</td>
<td>1.5.5.jbossorg-008</td>
<td>Apache License 2.0, The BSD License</td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
<td></td>
</tr>
<tr>
<td>-----------------------</td>
<td>------------</td>
<td>------------------</td>
<td>-----------------------</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-jdbc-store</td>
<td>1.5.5.jbossorg-008</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-jms-client</td>
<td>1.5.5.jbossorg-008</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-jms-server</td>
<td>1.5.5.jbossorg-008</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-journal</td>
<td>1.5.5.jbossorg-008</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-native</td>
<td>1.5.5.jbossorg-008</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-ra</td>
<td>1.5.5.jbossorg-008</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
<td></td>
</tr>
<tr>
<td>------------------------------------</td>
<td>-----------</td>
<td>------------------</td>
<td>-------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-selector</td>
<td>1.5.5.jbossorg-008</td>
<td><img src="http://www.apache.org/licenses/LICENSE-2.0" alt="Apache License 2.0" /> ![apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-server</td>
<td>1.5.5.jbossorg-008</td>
<td><img src="http://www.apache.org/licenses/LICENSE-2.0" alt="Apache License 2.0" /> ![apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-service-extensions</td>
<td>1.5.5.jbossorg-008</td>
<td><img src="http://www.apache.org/licenses/LICENSE-2.0" alt="Apache License 2.0" /> ![apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.activemq</td>
<td>artemis-stomp-protocol</td>
<td>1.5.5.jbossorg-008</td>
<td><img src="http://repository.jboss.org/licenses/apache-2.0.txt" alt="Apache License 2.0" /> ![apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.avro</td>
<td>avro</td>
<td>1.7.6</td>
<td><img src="http://www.apache.org/licenses/LICENSE-2.0" alt="Apache License 2.0" /> ![apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-core</td>
<td>3.1.12</td>
<td><img src="http://www.apache.org/licenses/LICENSE-2.0" alt="Apache License 2.0" /> ![apache license 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------</td>
<td>----------------------</td>
<td>-----------------------</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-rt-bindings-coloc</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-rt-bindings-object</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-rt-bindings-soap</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-rt-bindings-xml</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-rt-databinding-aegis</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>cxf-rt-databinding-jaxb</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td>License Link</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>---------</td>
<td>------------------</td>
<td>-------------------------</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-features-clustering</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-frontend-jaxws</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-frontend-simple</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-management</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-security</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-security-saml</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>License</td>
<td>License File</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>------------------</td>
<td>-----------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-transports-http</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-transports-http-hc</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-transports-jms</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-transports-local</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-ws-addr</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-wsdl</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td>License Link</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>------------</td>
<td>--------------</td>
<td>-----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-ws-mex</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-ws-policy</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-ws-rm</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-rt-ws-security</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-tools-common</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>cxf-tools-java2ws</td>
<td>3.1.12</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>License</td>
<td>License Text</td>
<td></td>
<td></td>
</tr>
<tr>
<td>----------------------------------</td>
<td>---------------</td>
<td>-------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-tools-validator</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-tools-wsdlto-core</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-tools-wsdlto-databinding-jaxb</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-tools-wsdlto-frontend-jaxws</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-services-sts-core</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>cxf-services-ws-discovery-api</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>License</td>
<td>License File</td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>------------------</td>
<td>--------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.cxf.xjcplugins</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;td&gt;org.apache.cxf.xjcplugins&lt;/td&gt;&lt;td&gt;cxf-xjc-boolean&lt;/td&gt;&lt;td&gt;3.0.5&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;apache license 2.0.txt&quot;&gt;apache license 2.0.txt&lt;/a&gt;&lt;/td&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;td&gt;org.apache.cxf.xjcplugins&lt;/td&gt;&lt;td&gt;cxf-xjc-bug986&lt;/td&gt;&lt;td&gt;3.0.5&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;apache license 2.0.txt&quot;&gt;apache license 2.0.txt&lt;/a&gt;&lt;/td&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;td&gt;org.apache.cxf.xjcplugins&lt;/td&gt;&lt;td&gt;cxf-xjc-dv&lt;/td&gt;&lt;td&gt;3.0.5&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;apache license 2.0.txt&quot;&gt;apache license 2.0.txt&lt;/a&gt;&lt;/td&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;td&gt;org.apache.cxf.xjcplugins&lt;/td&gt;&lt;td&gt;cxf-xjc-ts&lt;/td&gt;&lt;td&gt;3.0.5&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;apache license 2.0.txt&quot;&gt;apache license 2.0.txt&lt;/a&gt;&lt;/td&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;td&gt;org.apache.cxf.xjc-utils&lt;/td&gt;&lt;td&gt;cxf-xjc-runtime&lt;/td&gt;&lt;td&gt;3.0.5&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;apache license 2.0.txt&quot;&gt;apache license 2.0.txt&lt;/a&gt;&lt;/td&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>&lt;td&gt;org.apache.httpcomponents&lt;/td&gt;&lt;td&gt;httpasyncclient&lt;/td&gt;&lt;td&gt;4.1.2&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;&lt;/td&gt;&lt;td&gt;&lt;a href=&quot;apache license 2.0.txt&quot;&gt;apache license 2.0.txt&lt;/a&gt;&lt;/td&gt;</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Group Name</td>
<td>Module Name</td>
<td>Version</td>
<td>Apache License 2.0</td>
<td>Other License</td>
</tr>
<tr>
<td>------------</td>
<td>-------------</td>
<td>---------</td>
<td>--------------------</td>
<td>--------------------------</td>
</tr>
<tr>
<td>org.apache.httpcomponents</td>
<td>httpclient</td>
<td>4.5.2</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><img src="http://creativecommons.org/licenses/by/2.5/legalcode" alt="Creative Commons Attribution 2.5" /></td>
</tr>
<tr>
<td>org.apache.httpcomponents</td>
<td>httpcore</td>
<td>4.4.4</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><img src="http://creativecommons.org/licenses/by/2.5/legalcode" alt="Creative Commons Attribution 2.5" /></td>
</tr>
<tr>
<td>org.apache.httpcomponents</td>
<td>httpcore-nio</td>
<td>4.4.4</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><img src="http://creativecommons.org/licenses/by/2.5/legalcode" alt="Creative Commons Attribution 2.5" /></td>
</tr>
<tr>
<td>org.apache.httpcomponents</td>
<td>httpmime</td>
<td>4.5.2</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><img src="http://creativecommons.org/licenses/by/2.5/legalcode" alt="Creative Commons Attribution 2.5" /></td>
</tr>
<tr>
<td>org.apache.james</td>
<td>apache-mime4j</td>
<td>0.6</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><img src="http://creativecommons.org/licenses/by/2.5/legalcode" alt="Creative Commons Attribution 2.5" /></td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>---------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-analyzers-common</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-backward-codecs</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-core</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-facet</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-misc</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-queries</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Package</td>
<td>Group</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>---------------------</td>
<td>---------------</td>
<td>---------</td>
<td>-------------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>org.apache.lucene</td>
<td>lucene-queryparser</td>
<td>5.3.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.neethi</td>
<td>neethi</td>
<td>3.0.3</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.qpid</td>
<td>proton-j</td>
<td>0.8</td>
<td>The Apache Software License, Version 2.0</td>
<td>the apache software license, version 2.0.txt</td>
</tr>
<tr>
<td>org.apache.qpid</td>
<td>proton-jms</td>
<td>0.8</td>
<td>The Apache Software License, Version 2.0</td>
<td>the apache software license, version 2.0.txt</td>
</tr>
<tr>
<td>org.apache.santuario</td>
<td>xmlsec</td>
<td>2.0.8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.taglibs</td>
<td>taglibs-standard-compat</td>
<td>1.2.6-RC1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Package Name</td>
<td>License</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------------------</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.taglibs</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>taglibs-standard-impl</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.taglibs</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>taglibs-standard-spec</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.velocity</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>velocity</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.ws.xmlschema</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>xmlschema-core</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.wss4j</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>wss4j-bindings</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.apache.wss4j</td>
<td>Apache License 2.0</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>wss4j-policy</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Open Source Used In OneID 1.0.1**

---

767
<table>
<thead>
<tr>
<th>Package</th>
<th>Group</th>
<th>Version</th>
<th>License</th>
<th>License File</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.apache.wss4j</td>
<td>wss4j-ws-security-common</td>
<td>2.1.10</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.wss4j</td>
<td>wss4j-ws-security-dom</td>
<td>2.1.10</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.wss4j</td>
<td>wss4j-ws-security-policy-stax</td>
<td>2.1.10</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.apache.wss4j</td>
<td>wss4j-ws-security-stax</td>
<td>2.1.10</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.bouncycastle</td>
<td>bcmail-jdk15on</td>
<td>1.56</td>
<td>MIT License</td>
<td>mit license.txt</td>
</tr>
<tr>
<td>org.bouncycastle</td>
<td>bcpkix-jdk15on</td>
<td>1.56</td>
<td>MIT License</td>
<td>mit license.txt</td>
</tr>
<tr>
<td>Package Name</td>
<td>Project Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>--------------</td>
<td>--------------</td>
<td>---------</td>
<td>---------</td>
<td>--------------</td>
</tr>
<tr>
<td>org.bouncycastle</td>
<td>bcprov-jdk15on</td>
<td>1.56</td>
<td>MIT License</td>
<td>mit license.txt</td>
</tr>
<tr>
<td>org.codehaus.jackson</td>
<td>jackson-core-asl</td>
<td>1.9.13</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.codehaus.jackson</td>
<td>jackson-jaxrs</td>
<td>1.9.13</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.codehaus.jackson</td>
<td>jackson-mapper-asl</td>
<td>1.9.13</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.codehaus.jackson</td>
<td>jackson-xc</td>
<td>1.9.13</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.codehaus.jettison</td>
<td>jettison</td>
<td>1.3.8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Package</td>
<td>Module</td>
<td>Version</td>
<td>Licenses</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>--------------</td>
<td>-------------</td>
<td>--------------------------------------------------------------------------</td>
<td></td>
</tr>
</tbody>
</table>
| org.cryptacular         | cryptacular  | 1.2.0       | [GNU Lesser General Public License v3.0](http://www.gnu.org/licenses/lgpl-3.0-standalone.html) only
|                         |              |             | [Apache License 2.0](http://www.apache.org/licenses/LICENSE-2.0)         |
|                         |              |             | [GNU Lesser General Public License v3.0](http://www.gnu.org/licenses/lgpl-3.0-standalone.html) only.txt
|                         |              |             | [Apache License 2.0](http://www.apache.org/licenses/LICENSE-2.0)         |
| org.glassfish.jaxb      | codemodel    | 2.2.11.jbossorg-1 | [Common Development and Distribution License 1.1](https://javaee.github.io/glassfish/LICENSE) only
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only.txt
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only.txt
|                         | jaxb-core    | 2.2.11.jbossorg-1 | [Common Development and Distribution License 1.1](https://javaee.github.io/glassfish/LICENSE) only
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only.txt
|                         | jaxb-jxc     | 2.2.11.jbossorg-1 | [Common Development and Distribution License 1.1](https://javaee.github.io/glassfish/LICENSE) only
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only
|                         |              |             | [GNU General Public License v2.0 only, with Classpath exception](http://openjdk.java.net/legal/gplv2+ce.html) only.txt

---

**Open Source Used In OneID 1.0.1**

---

770
<table>
<thead>
<tr>
<th>Package</th>
<th>Group</th>
<th>License</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.glassfish.jaxb</td>
<td>jaxb-runtime</td>
<td>2.2.11.jbossorg-1</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
</tr>
<tr>
<td>org.glassfish.jaxb</td>
<td>jxb-xjc</td>
<td>2.2.11.jbossorg-1</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
</tr>
<tr>
<td>org.glassfish.jaxb</td>
<td>txw2</td>
<td>2.2.11.jbossorg-1</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
</tr>
</tbody>
</table>

*GNU General Public License v2.0 only, with Classpath exception*
<table>
<thead>
<tr>
<th>Organization</th>
<th>Package Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.hibernate.common</td>
<td>hibernate-commons-annotations</td>
<td>5.0.1.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.hibernate</td>
<td>hibernate-core</td>
<td>5.1.10.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.hibernate</td>
<td>hibernate-entitymanager</td>
<td>5.1.10.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.hibernate</td>
<td>hibernate-envers</td>
<td>5.1.10.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>------------------------------</td>
<td>---------------</td>
<td>--------------------------------</td>
<td>----------------------</td>
</tr>
<tr>
<td>org.hibernate</td>
<td>5.1.10.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td>hibernate-infinispan</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hibernate-java8</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hibernate-search-backend-jgroups</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hibernate-search-backend-jms</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>hibernate-search-engine</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

---

**Open Source Used In OneID 1.0.1**

773
<table>
<thead>
<tr>
<th>Package Name</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.hibernate</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>hibernate-validator</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>hibernate-jpa-2.1-api</td>
<td>Eclipse Distribution License, Version 1.0</td>
</tr>
<tr>
<td>hibernate-validator-cdi</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>hibernate-search-orm</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>hibernate-search-serialization-avro</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
</tbody>
</table>

For more information on the licenses, please visit the links provided.
<table>
<thead>
<tr>
<th>Package</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.hornetq</td>
<td>hornetq-commons</td>
<td>2.4.7.Final</td>
</tr>
<tr>
<td></td>
<td>apache license 2.0.txt</td>
<td></td>
</tr>
<tr>
<td>org.hornetq</td>
<td>hornetq-core-client</td>
<td>2.4.7.Final</td>
</tr>
<tr>
<td></td>
<td>apache license 2.0.txt</td>
<td></td>
</tr>
<tr>
<td>org.hornetq</td>
<td>hornetq-jms-client</td>
<td>2.4.7.Final</td>
</tr>
<tr>
<td></td>
<td>apache license 2.0.txt</td>
<td></td>
</tr>
<tr>
<td>org.hornetq</td>
<td>hornetq-journal</td>
<td>2.4.7.Final</td>
</tr>
<tr>
<td></td>
<td>apache license 2.0.txt</td>
<td></td>
</tr>
<tr>
<td>org.hornetq</td>
<td>hornetq-native</td>
<td>2.4.7.Final</td>
</tr>
<tr>
<td></td>
<td>apache license 2.0.txt</td>
<td></td>
</tr>
<tr>
<td>org.infinispan</td>
<td>infinispan-cachestore-jdbc</td>
<td>8.2.8.Final</td>
</tr>
<tr>
<td></td>
<td>apache license 2.0.txt</td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
</tr>
<tr>
<td>----------------------</td>
<td>-------------------------</td>
<td>-----------</td>
</tr>
<tr>
<td>org.infinispan</td>
<td>infinispan-cachestore-remote</td>
<td>8.2.8.Final</td>
</tr>
<tr>
<td>org.infinispan</td>
<td>infinispan-client-hotrod</td>
<td>8.2.8.Final</td>
</tr>
<tr>
<td>org.infinispan</td>
<td>infinispan-commons</td>
<td>8.2.8.Final</td>
</tr>
<tr>
<td>org.infinispan</td>
<td>infinispan-core</td>
<td>8.2.8.Final</td>
</tr>
<tr>
<td>org.jasypt</td>
<td>jasypt</td>
<td>1.9.2</td>
</tr>
<tr>
<td>org.javassist</td>
<td>javassist</td>
<td>3.20.0-GA</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Apache License 2.0

GNU Lesser General Public License v2.1 only

Open Source Used In OneID 1.0.1
<table>
<thead>
<tr>
<th>Project Name</th>
<th>Package Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.jberet</td>
<td>jberet-core</td>
<td>1.2.4.Final</td>
<td><a href="http://repository.jboss.org/licenses/epl-1.0.txt">Eclipse Public License 1.0</a></td>
</tr>
<tr>
<td>org.jboss.activemq.artemis.integration</td>
<td>artemis-wildfly-integration</td>
<td>1.0.2</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.jboss.ejb3</td>
<td>jboss-ejb3-ext-api</td>
<td>2.2.0.Final</td>
<td><a href="http://www.gnu.org/licenses/lgpl-3.0-standalone.html">GNU Lesser General Public License v3.0 only</a></td>
</tr>
<tr>
<td>org.jboss.genericjms</td>
<td>generic-jms-ra-jar</td>
<td>2.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.jboss.hal</td>
<td>release-stream</td>
<td>2.9.15.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>Package</td>
<td>Description</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>---------------------</td>
<td>------------------------------</td>
<td>----------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-common-api</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-common-impl</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-common-spi</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-core-api</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>Package</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------------------------</td>
<td>-------------</td>
<td>----------------------------</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-core-impl</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-deployers-common</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-jdbc</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-spec-api</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.ironjacamar</td>
<td>ironjacamar-validator</td>
<td>1.4.6.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>Package</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>--------------------</td>
<td>-----------------------------</td>
<td>----------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>org.jboss</td>
<td>jboss-ejb-client</td>
<td>4.0.7.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td>jboss-ejb-client-legacy</td>
<td>3.0.2.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td>org.jboss</td>
<td>jboss-iiop-client</td>
<td>1.0.1.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.jboss</td>
<td>jboss-transaction-spi</td>
<td>7.6.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.jboss.metadata</td>
<td>jboss-metadata-appclient</td>
<td>10.0.2.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>JAR Module</td>
<td>JAR Name</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>------------------------------------</td>
<td>-----------------------------------</td>
<td>-------------</td>
<td>--------------------------------------</td>
</tr>
<tr>
<td>org.jboss.metadata</td>
<td>jboss-metadata-ejb</td>
<td>10.0.2.Final</td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.jboss.mod_cluster</td>
<td>mod_cluster-container-spi</td>
<td>1.3.7.Final</td>
<td><a href="http://www.gnu.org/licenses/lgpl-3.0-standalone.html">GNU Lesser General Public License v3.0 only</a></td>
</tr>
<tr>
<td>org.jboss.mod_cluster</td>
<td>mod_cluster-core</td>
<td>1.3.7.Final</td>
<td><a href="http://www.gnu.org/licenses/lgpl-3.0-standalone.html">GNU Lesser General Public License v3.0 only</a></td>
</tr>
<tr>
<td>org.jboss.narayana.compensations</td>
<td>compensations</td>
<td>5.5.30.Final</td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>org.jboss.narayana</td>
<td>jbosstxbridge</td>
<td>5.5.30.Final</td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
</tr>
<tr>
<td>Package</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------------------------</td>
<td>------------------</td>
<td>--------------------------------</td>
</tr>
<tr>
<td>org.jboss.narayana.jts</td>
<td>narayana-jts-idlj</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.narayana.jts</td>
<td>narayana-jts-integration</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.narayana.rts</td>
<td>restat-api</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.narayana.rts</td>
<td>restat-bridge</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.narayana.rts</td>
<td>restat-integration</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
<td>-------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.jboss.narayana.rts</td>
<td>restat-util</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.narayana.txframework</td>
<td>txframework</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.narayana.xts</td>
<td>jbossxts</td>
<td>5.5.30.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.openjdk-orb</td>
<td>openjdk-orb</td>
<td>8.0.8.Final</td>
<td>GNU General Public License, Version 2 with the Classpath Exception</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>jose-jwt</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>Package Name</td>
<td>Version</td>
<td>License</td>
<td>License URL</td>
</tr>
<tr>
<td>---------------------------------------</td>
<td>-----------------</td>
<td>------------------</td>
<td>------------------------------------</td>
</tr>
<tr>
<td>org.jboss.resteasy.resteasy-jackson2-provider</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">http://www.apache.org/licenses/LICENSE-2.0</a></td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>--------------</td>
<td>----------------------</td>
<td>-------------</td>
<td>--------------------</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-jaxb-provider</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-jaxrs</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-jettison-provider</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-jsapi</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-json-p-provider</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-multipart-provider</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>---------</td>
<td>---------</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-spring</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-validator-provider-11</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.resteasy</td>
<td>resteasy-yaml-provider</td>
<td>3.0.24.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.jboss.seam.integration</td>
<td>jboss-seam-int-jbossas</td>
<td>7.0.0.GA</td>
<td>GNU Lesser General Public License v2.1 only</td>
</tr>
<tr>
<td>org.jboss.security</td>
<td>jbossxacml</td>
<td>2.0.8.Final</td>
<td>BSD 3-Clause No Nuclear License</td>
</tr>
<tr>
<td>org.jboss.spec.java.batch</td>
<td>jboss-batch-api_1.0_spec</td>
<td>1.0.0.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>Package Name</td>
<td>License Name</td>
<td>License Version</td>
<td>License URL</td>
</tr>
<tr>
<td>-------------------</td>
<td>--------------------------------------------------</td>
<td>-----------------</td>
<td>-----------------------------------------------------------------------------</td>
</tr>
<tr>
<td>org.jboss.spec.javax.ejb</td>
<td>jboss-ejb-api_3.2_spec</td>
<td>1.0.0.Final</td>
<td>Common Development and Distribution License 1.0</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="#">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td>org.jboss.spec.javax.faces</td>
<td>jboss-jsf-api_2.2_spec</td>
<td>2.2.13</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="#">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td>org.jboss.spec.javax.jms</td>
<td>jboss-jms-api_2.0_spec</td>
<td>1.0.1.Final</td>
<td>Common Development and Distribution License 1.1</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="#">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td>Package Name</td>
<td>License</td>
<td>Version</td>
<td></td>
</tr>
<tr>
<td>----------------------------------</td>
<td>----------------------------------------------</td>
<td>-----------</td>
<td></td>
</tr>
<tr>
<td>org.jboss.spec.javax.management.j2ee</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>1.0.1.Final</td>
<td></td>
</tr>
<tr>
<td>org.jboss.spec.javax.resource</td>
<td>GNU General Public License, Version 2 with the Classpath Exception</td>
<td>1.0.0.Final</td>
<td></td>
</tr>
<tr>
<td>org.jboss.spec.javax.rmi</td>
<td>GNU General Public License, Version 2 with the Classpath Exception</td>
<td>1.0.5.Final</td>
<td></td>
</tr>
<tr>
<td>org.jboss.spec.javax.transaction</td>
<td>GNU General Public License, Version 2 with the Classpath Exception</td>
<td>1.0.1.Final</td>
<td></td>
</tr>
</tbody>
</table>

License Details:
- GNU Lesser General Public License v2.1 only
- GNU General Public License, Version 2 with the Classpath Exception
<table>
<thead>
<tr>
<th>Package</th>
<th>License Type</th>
<th>Version</th>
<th>License Details</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.jboss.spec.javax.ws.rs</td>
<td>jboss-jaxrs-api_2.0_spec</td>
<td>1.0.0.Final</td>
<td><a href="https://opensource.org/licenses/cddl1.txt">Common Development and Distribution License 1.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">Common development and distribution license 1.0.txt</a></td>
</tr>
<tr>
<td>org.jboss.spec.javax.xml.bind</td>
<td>jboss-jaxb-api_2.2_spec</td>
<td>1.0.4.Final</td>
<td><a href="https://javaee.github.io/glassfish/LICENSE">Common Development and Distribution License 1.1</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">Common development and distribution license 1.1.txt</a></td>
</tr>
<tr>
<td>org.jboss.spec.javax.xml.rpc</td>
<td>jboss-jaxrpc-api_1.1_spec</td>
<td>1.0.1.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache license 2.0.txt</a></td>
</tr>
<tr>
<td>org.jboss.spec.javax.xml.soap</td>
<td>jboss-saaj-api_1.3_spec</td>
<td>1.0.4.Final</td>
<td><a href="https://opensource.org/licenses/cddl1.txt">Common Development and Distribution License 1.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">GNU General Public License, Version 2 with the Classpath Exception</a></td>
</tr>
<tr>
<td>Org</td>
<td>Module</td>
<td>Version</td>
<td>License Information</td>
</tr>
<tr>
<td>-----</td>
<td>--------</td>
<td>---------</td>
<td>---------------------</td>
</tr>
</tbody>
</table>
| org.jboss.spec.javax.xml.ws | jboss-jaxws-api_2.2_spec | 2.0.4.Final | [Common Development and Distribution License 1.0](https://opensource.org/licenses/cddl1.txt)  
[GNU General Public License, Version 2 with the Classpath Exception](http://repository.jboss.org/licenses/gpl-2.0-ce.txt) |
<p>| org.jboss.weld.probe | weld-probe-core | 2.4.3.Final | <a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a> |
| org.jboss.weld | weld-api | 2.4.SP1 | <a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a> |
| org.jboss.weld | weld-core-impl | 2.4.3.Final | <a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a> |</p>
<table>
<thead>
<tr>
<th>Package Name</th>
<th>Module Name</th>
<th>Version</th>
<th>License</th>
<th>License File</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.jboss.weld</td>
<td>weld-core-jsf</td>
<td>2.4.3.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td>weld-spi</td>
<td>2.4.SP1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.jboss.ws.cxf</td>
<td>jbossws-cxf-client</td>
<td>5.1.9.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td></td>
<td>jbossws-cxf-factories</td>
<td>5.1.9.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td></td>
<td>jbossws-cxf-jaspi</td>
<td>5.1.9.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td></td>
<td>jbossws-cxf-resources</td>
<td>5.1.9.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 only</a></td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td>Organization</td>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>--------------------</td>
<td>---------------------</td>
<td>---------------</td>
<td>----------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>org.jboss.ws.cxf</td>
<td>jbossws-cxf-server</td>
<td>5.1.9.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>GNU Lesser General Public License v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.ws.cxf</td>
<td>jbossws-cxf-transports-udp</td>
<td>5.1.9.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>GNU Lesser General Public License v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.ws.cxf</td>
<td>jbossws-cxf-transports-undertow</td>
<td>5.1.9.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>GNU Lesser General Public License v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.ws</td>
<td>jbossws-api</td>
<td>1.0.3.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>GNU Lesser General Public License v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.ws</td>
<td>jbossws-common</td>
<td>3.1.5.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>GNU Lesser General Public License v2.1 only.txt</td>
</tr>
<tr>
<td>package</td>
<td>artifact</td>
<td>version</td>
<td>license</td>
<td>license file</td>
</tr>
<tr>
<td>----------------------------------</td>
<td>-----------------------------------</td>
<td>---------------</td>
<td>----------------------------------------------</td>
<td>-------------------------------------</td>
</tr>
<tr>
<td>org.jboss.ws</td>
<td>jbossws-common-tools</td>
<td>1.2.4.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.ws</td>
<td>jbossws-spi</td>
<td>3.1.4.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.ws.projects</td>
<td>jaxws-undertow-httpspi</td>
<td>1.0.1.Final</td>
<td>GNU Lesser General Public License v2.1 only</td>
<td>gnu lesser general public license v2.1 only.txt</td>
</tr>
<tr>
<td>org.jboss.xnio.netty</td>
<td>netty-xnio-transport</td>
<td>0.1.2.Final</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.jdom</td>
<td>jdom</td>
<td>1.1.3</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Group</td>
<td>Project</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>---------------------</td>
<td>--------------------</td>
<td>---------------</td>
<td>-----------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>org.jgroups.azure</td>
<td>jgroups-azure</td>
<td>1.1.0.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.jgroups</td>
<td>jgroups</td>
<td>3.6.13.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.jsoup</td>
<td>jsoup</td>
<td>1.8.3</td>
<td><a href="http://www.opensource.org/licenses/MIT">MIT License</a></td>
<td>[mit license.txt](mit license.txt)</td>
</tr>
<tr>
<td>org.opensaml</td>
<td>opensaml-core</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.opensaml</td>
<td>opensaml-profile-api</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
<td></td>
</tr>
<tr>
<td>---------------------</td>
<td>---------</td>
<td>-----------------------</td>
<td>----------------------------</td>
<td></td>
</tr>
<tr>
<td>org.opensaml</td>
<td>opensaml-saml-api</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="#">apache license 2.0.txt</a></td>
</tr>
<tr>
<td></td>
<td>opensaml-saml-impl</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="#">apache license 2.0.txt</a></td>
</tr>
<tr>
<td></td>
<td>opensaml-security-api</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="#">apache license 2.0.txt</a></td>
</tr>
<tr>
<td></td>
<td>opensaml-security-impl</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="#">apache license 2.0.txt</a></td>
</tr>
<tr>
<td></td>
<td>opensaml-soap-api</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="#">apache license 2.0.txt</a></td>
</tr>
<tr>
<td></td>
<td>opensaml-xacml-api</td>
<td>3.1.1</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
<td><a href="#">apache license 2.0.txt</a></td>
</tr>
<tr>
<td>Package</td>
<td>Name</td>
<td>Version</td>
<td>License</td>
<td>License Text</td>
</tr>
<tr>
<td>-------------------------</td>
<td>-----------------------------</td>
<td>---------</td>
<td>-----------------</td>
<td>--------------</td>
</tr>
<tr>
<td>org.opensaml</td>
<td>opensaml-xacml-impl</td>
<td>3.1.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td>opensaml-xacml-saml-api</td>
<td>3.1.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td>opensaml-xacml-saml-impl</td>
<td>3.1.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td>opensaml-xmlsec-api</td>
<td>3.1.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td>opensaml-xmlsec-impl</td>
<td>3.1.1</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td>picketlink-distribution</td>
<td></td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>Package Name</td>
<td>Group Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>-----------------------</td>
<td>--------------</td>
<td>---------------</td>
<td>---------------</td>
<td>-------------------------------</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-api</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-common</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-config</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-federation</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-idm-api</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-idm-impl</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>License Owner</td>
<td>Library Name</td>
<td>Version</td>
<td>License Name</td>
<td>License File</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>---------</td>
<td>-----------------------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-idm-simple-schema</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.picketlink</td>
<td>picketlink-impl</td>
<td>2.5.5.SP8</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.slf4j</td>
<td>slf4j-ext</td>
<td>1.7.22</td>
<td>MIT License</td>
<td>mit license.txt</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-cli</td>
<td>3.0.8.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.html</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-version</td>
<td>3.0.8.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.html</td>
</tr>
<tr>
<td>Package</td>
<td>Dependency</td>
<td>Version</td>
<td>License</td>
<td>License Link</td>
</tr>
<tr>
<td>-----------------------</td>
<td>---------------------</td>
<td>---------------</td>
<td>----------------------------------------------</td>
<td>------------------------------------------------</td>
</tr>
<tr>
<td>org.wildfly.discovery</td>
<td>wildfly-discovery-client</td>
<td>1.0.0.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0">apache license 2.0.txt</a></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>jipijapa-eclipselink</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">gnu lesser general public license v2.1 or later.html</a></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>jipijapa-hibernate4-1</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">gnu lesser general public license v2.1 or later.html</a></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>jipijapa-hibernate4-3</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">gnu lesser general public license v2.1 or later.html</a></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>jipijapa-hibernate5</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">gnu lesser general public license v2.1 or later.html</a></td>
</tr>
<tr>
<td>Package</td>
<td>Project</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>---------</td>
<td>-------------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>jipijapa-openjpa</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.html</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>jipijapa-spi</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.html</td>
</tr>
<tr>
<td>org.wildfly.transaction</td>
<td>wildfly-transaction-client</td>
<td>1.0.2.Final</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-appclient</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.html</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-batch</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.html</td>
</tr>
<tr>
<td>Package Name</td>
<td>Version</td>
<td>License</td>
<td>License Link</td>
<td></td>
</tr>
<tr>
<td>----------------------------</td>
<td>---------------</td>
<td>------------------------------------------------</td>
<td>------------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-batch-jberet</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-bean-validation</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-client-all</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-api</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-common</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>Organization</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
<td></td>
</tr>
<tr>
<td>---------------</td>
<td>------------------------------------------------</td>
<td>-----------</td>
<td>-------------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-ee-infinispan</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-clustering-ee-spi</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-clustering-ejb-infinispan</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-clustering-ejb-spi</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-clustering-infinispan-extension</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>Description</td>
<td>License</td>
<td>URL</td>
<td></td>
</tr>
<tr>
<td>-------------------------------</td>
<td>--------------------------------------------------</td>
<td>----------------------------------------------</td>
<td>----------------------------------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-infinispan-spi</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-jgroups-api</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-jgroups-extension</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-jgroups-spi</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-marshalling-api</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Version</td>
<td>License</td>
<td></td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>---------------</td>
<td>-----------------------------------------</td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-marshalling-infinispan</td>
<td>11.0.0.Final</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-marshalling-jboss</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-marshalling-spi</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-server</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.wildfly/wildfly-clustering-service</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1</a> or later</td>
</tr>
<tr>
<td>org.wildfly/wildfly-clustering-singleton-api</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1</a> or later</td>
</tr>
<tr>
<td>org.wildfly/wildfly-clustering-singleton-extension</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1</a> or later</td>
</tr>
<tr>
<td>org.wildfly/wildfly-clustering-spi</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1</a> or later</td>
</tr>
<tr>
<td>org.wildfly/wildfly-clustering-web-api</td>
<td>11.0.0.Final</td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1</a> or later</td>
</tr>
<tr>
<td>Package</td>
<td>Version</td>
<td>License</td>
</tr>
<tr>
<td>----------------------</td>
<td>------------------</td>
<td>----------------------------------------------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-web-infinispan</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-web-spi</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-clustering-web-undertow</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-cmp</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-configadmin</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>Package Name</td>
<td>Group ID</td>
<td>Version</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-------------------</td>
<td>----------------</td>
</tr>
<tr>
<td>org.wildfly.wildfly-connector</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
</tr>
<tr>
<td>org.wildfly.wildfly-ejb3</td>
<td>11.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
</tr>
<tr>
<td>org.wildfly.wildfly-http-client</td>
<td>1.0.8.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.wildfly.wildfly-http-client</td>
<td>1.0.8.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.wildfly.wildfly-http-client</td>
<td>1.0.8.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.wildfly.wildfly-http-client</td>
<td>1.0.8.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>org.wildfly.wildfly-http-client</td>
<td>1.0.8.Final</td>
<td>Apache License 2.0</td>
</tr>
<tr>
<td>Open Source</td>
<td>Used In OneID 1.0.1</td>
<td>License Type</td>
</tr>
<tr>
<td>-------------</td>
<td>--------------------</td>
<td>--------------</td>
</tr>
<tr>
<td>Apache License 2.0</td>
<td>&lt;a href=&quot;http://www.apache.org/licenses/LICENSE-2.0&quot;&gt;Apache License 2.0&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>&lt;a href=&quot;http://www.gnu.org/licenses/lgpl-2.1-standalone.html&quot;&gt;GNU Lesser General Public License v2.1 or later&lt;/a&gt;</td>
<td></td>
</tr>
<tr>
<td>Group</td>
<td>Module</td>
<td>Version</td>
</tr>
<tr>
<td>---------------</td>
<td>-------------------</td>
<td>---------------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-jpa</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td>wildfly-jsf</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td>wildfly-jsf-injection</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td>wildfly-jsr77</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td>wildfly-mail</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>Organization</td>
<td>Library Name</td>
<td>Version</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------------</td>
<td>-------------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-messaging</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-messaging-activemq</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-mod_cluster-extension</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-mod_cluster-undertow</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-naming-client</td>
<td>1.0.7.Final</td>
</tr>
</tbody>
</table>

---

**Open Source Used In OneID 1.0.1**

810
<table>
<thead>
<tr>
<th>Package</th>
<th>Version</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly</td>
<td>wildfly-picketlink</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[gnu lesser general public license v2.1 or later.html](gnu lesser general public license v2.1 or later.html)</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-pojo</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[gnu lesser general public license v2.1 or later.html](gnu lesser general public license v2.1 or later.html)</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-rts</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[gnu lesser general public license v2.1 or later.html](gnu lesser general public license v2.1 or later.html)</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-sar</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[gnu lesser general public license v2.1 or later.html](gnu lesser general public license v2.1 or later.html)</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-security-api</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>[gnu lesser general public license v2.1 or later.html](gnu lesser general public license v2.1 or later.html)</td>
</tr>
<tr>
<td>Package Name</td>
<td>Package Description</td>
<td>Version</td>
</tr>
<tr>
<td>--------------</td>
<td>---------------------</td>
<td>---------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-servlet-feature-pack</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-system-jmx</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-transactions</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-web</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-webservices-server-integration</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>Package</td>
<td>Group ID</td>
<td>Version</td>
</tr>
<tr>
<td>-----------------</td>
<td>-------------</td>
<td>----------------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-bean-validation</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-common</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-ejb</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-jpa</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>Package Name</td>
<td>Group Id</td>
<td>Version</td>
</tr>
<tr>
<td>------------------------------</td>
<td>----------------</td>
<td>-----------------</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-spi</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-transactions</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-weld-webservices</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.wildfly</td>
<td>wildfly-xts</td>
<td>11.0.0.Final</td>
</tr>
<tr>
<td>org.yaml</td>
<td>snakeyaml</td>
<td>1.17</td>
</tr>
</tbody>
</table>

---

**Open Source Used in OneID 1.0.1**

814
1. Definitions

1.1. Contributor

means each individual or legal entity that creates, contributes to the creation of, or owns Covered Software.

1.2. Contributor Version

means the combination of the Contributions of others (if any) used by a Contributor and that particular Contributor’s Contribution.

1.3. Contribution

means Covered Software of a particular Contributor.

1.4. Covered Software

means Source Code Form to which the initial Contributor has attached the notice in Exhibit A, the Executable Form of such Source Code Form, and Modifications of such Source Code Form, in each case including portions thereof.

1.5. Incompatible With Secondary Licenses
<dd><p>means</p></dd>
<ol type="a">
<li><p>that the initial Contributor has attached the notice described in Exhibit B to the Covered Software; or</p></li>
<li><p>that the Covered Software was made available under the terms of version 1.1 or earlier of the License, but not also under the terms of a Secondary License.</p></li>
</ol>
<dt>1.6. Executable Form</dt>
<dd><p>means any form of the work other than Source Code Form.</p></dd>
<dt>1.7. Larger Work</dt>
<dd><p>means a work that combines Covered Software with other material, in a separate file or files, that is not Covered Software.</p></dd>
<dt>1.8. License</dt>
<dd><p>means this document.</p></dd>
<dt>1.9. Licensable</dt>
<dd><p>means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently, any and all of the rights conveyed by this License.</p></dd>
<dt>1.10. Modifications</dt>
<dd><p>means any of the following:</p></dd>
<ol type="a">
<li><p>any file in Source Code Form that results from an addition to, deletion from, or modification of the contents of Covered Software; or</p></li>
<li><p>any new file in Source Code Form that contains any Covered Software.</p></li>
</ol>
<dt>1.11. Patent Claims of a Contributor</dt>
<dd><p>means any patent claim(s), including without limitation, method, process, and apparatus claims, in any patent Licensable by such Contributor that would be infringed, but for the grant of the License, by the making, using, selling, offering for sale, having made, import, or transfer of either its Contributions or its Contributor Version.</p></dd>
<dt>1.12. Secondary License</dt>
<dd><p>means either the GNU General Public License, Version 2.0, the GNU Lesser General Public License, Version 2.1, the GNU Affero General Public License, Version 3.0, or any later versions of those licenses.</p></dd>
<dt>1.13. Source Code Form</dt>
<dd><p>means the form of the work preferred for making modifications.</p></dd>
<dt>1.14. You (or Your)</dt>
<dd><p>means an individual or a legal entity exercising rights under this License. For legal entities, You includes any entity that controls, is controlled by, or is under common control with You. For purposes of this definition, control means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial
ownership of such entity.</p>

<h2 id="license-grants-and-conditions">2. License Grants and Conditions</h2>

<h3 id="grants">2.1. Grants</h3>

<p>Each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license:</p>

<ol type="a">
<li>under intellectual property rights (other than patent or trademark) Licensable by such Contributor to use, reproduce, make available, modify, display, perform, distribute, and otherwise exploit its Contributions, either on an unmodified basis, with Modifications, or as part of a Larger Work; and</li>
<li>under Patent Claims of such Contributor to make, use, sell, offer for sale, have made, import, and otherwise transfer either its Contributions or its Contributor Version.</li>
</ol>

<h3 id="effective-date">2.2. Effective Date</h3>

<p>The licenses granted in Section 2.1 with respect to any Contribution become effective for each Contribution on the date the Contributor first distributes such Contribution.</p>

<h3 id="limitations-on-grant-scope">2.3. Limitations on Grant Scope</h3>

<p>The licenses granted in this Section 2 are the only rights granted under this License. No additional rights or licenses will be implied from the distribution or licensing of Covered Software under this License. Notwithstanding Section 2.1(b) above, no patent license is granted by a Contributor:</p>

<ol type="a">
<li>for any code that a Contributor has removed from Covered Software; or</li>
<li>for infringements caused by: (i) Your and any other third party's modifications of Covered Software, or (ii) the combination of its Contributions with other software (except as part of its Contributor Version); or</li>
<li>under Patent Claims infringed by Covered Software in the absence of its Contributions.</li>
</ol>

<p>This License does not grant any rights in the trademarks, service marks, or logos of any Contributor (except as may be necessary to comply with the notice requirements in Section 3.4).</p>

<h3 id="subsequent-licenses">2.4. Subsequent Licenses</h3>

<p>No Contributor makes additional grants as a result of Your choice to distribute the Covered Software under a subsequent version of this License (see Section 10.2) or under the terms of a Secondary License (if permitted under the terms of Section 3.3).</p>

<h3 id="representation">2.5. Representation</h3>

<p>Each Contributor represents that the Contributor believes its Contributions are its original creation(s) or it has sufficient rights to grant the rights to its Contributions conveyed by this License.</p>

<h3 id="fair-use">2.6. Fair Use</h3>

<p>This License is not intended to limit any rights You have under applicable copyright doctrines of fair use, fair dealing, or other equivalents.</p>

<h3 id="conditions">2.7. Conditions</h3>

<p>Sections 3.1, 3.2, 3.3, and 3.4 are conditions of the licenses granted in Section 2.1.</p>

<h2 id="responsibilities">3. Responsibilities</h2>

<h3 id="distribution-of-source-form">3.1. Distribution of Source Form</h3>

<p>All distribution of Covered Software in Source Code Form, including any Modifications that You create or to which You contribute, must be under the terms of this License. You must inform recipients that the Source Code Form of the Covered Software is governed by the terms of this License, and how they can obtain a copy of this License. You may not attempt to alter or restrict the recipients rights in the Source Code Form.</p>

<h3 id="distribution-of-executable-form">3.2. Distribution of Executable Form</h3>

<p>If You distribute Covered Software in Executable Form then:</p>
such Covered Software must also be made available in Source Code Form, as described in Section 3.1, and You must inform recipients of the Executable Form how they can obtain a copy of such Source Code Form by reasonable means in a timely manner, at a charge no more than the cost of distribution to the recipient; and

You may distribute such Executable Form under the terms of this License, or sublicense it under different terms, provided that the license for the Executable Form does not attempt to limit or alter the recipients rights in the Source Code Form under this License.

You may create and distribute a Larger Work under terms of Your choice, provided that You also comply with the requirements of this License for the Covered Software. If the Larger Work is a combination of Covered Software with a work governed by one or more Secondary Licenses, and the Covered Software is not Incompatible With Secondary Licenses, this License permits You to additionally distribute such Covered Software under the terms of such Secondary License(s), so that the recipient of the Larger Work may, at their option, further distribute the Covered Software under the terms of either this License or such Secondary License(s).

You may not remove or alter the substance of any license notices (including copyright notices, patent notices, disclaimers of warranty, or limitations of liability) contained within the Source Code Form of the Covered Software, except that You may alter any license notices to the extent required to remedy known factual inaccuracies.

You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, You may do so only on Your own behalf, and not on behalf of any Contributor. You must make it absolutely clear that any such warranty, support, indemnity, or liability obligation is offered by You alone, and You hereby agree to indemnify every Contributor for any liability incurred by such Contributor as a result of warranty, support, indemnity or liability terms You offer. You may include additional disclaimers of warranty and limitations of liability specific to any jurisdiction.

If it is impossible for You to comply with any of the terms of this License due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be placed in a text file included with all distributions of the Covered Software under this License. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

The rights granted under this License will terminate automatically if You fail to comply with any of its terms. However, if You become compliant, then the rights granted under this License from a particular Contributor are reinstated (a) provisionally, unless and until such Contributor explicitly and finally terminates Your grants, and (b) on an ongoing basis, if such Contributor fails to notify You of the non-compliance by some reasonable means prior to 60 days after You have come back into compliance. Moreover, Your grants from a particular Contributor are reinstated on an ongoing basis if such Contributor notifies You of the non-compliance by some reasonable means, this is the first time You have received notice of non-compliance with this License from such Contributor, and You become compliant prior to 30 days after Your receipt of the notice.

If You initiate litigation against any entity by asserting a patent infringement claim (excluding declaratory judgment actions, counter-claims, and cross-claims) alleging that a Contributor Version directly or indirectly infringes any patent, then the rights granted to You by any and all Contributors for the Covered Software under Section 2.1 of this License shall terminate.

In the event of termination under Sections 5.1 or 5.2 above, all end user license agreements
Covered Software is provided under this License on an as is basis, without warranty of any kind, either expressed, implied, or statutory, including, without limitation, warranties that the Covered Software is free of defects, merchantable, fit for a particular purpose or non-infringing. The entire risk as to the quality and performance of the Covered Software is with You. Should any Covered Software prove defective in any respect, You (not any Contributor) assume the cost of any necessary servicing, repair, or correction. This disclaimer of warranty constitutes an essential part of this License. No use of any Covered Software is authorized under this License except under this disclaimer.

Under no circumstances and under no legal theory, whether tort (including negligence), contract, or otherwise, shall any Contributor, or anyone who distributes Covered Software as permitted above, be liable to You for any direct, indirect, special, incidental, or consequential damages of any character including, without limitation, damages for lost profits, loss of goodwill, work stoppage, computer failure or malfunction, or 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.

Mozilla Foundation is the license steward. Except as provided in Section 10.3, no one other than the license steward has the right to modify or publish new versions of this License. Each version will be given a distinguishing version number.

If you create software not governed by this License, and you want to create a new license for such software, you may create and use a modified version of this License if you rename the license and remove any references to the name of the license steward (except to note that such modified license differs from this License).

If you choose to distribute Source Code Form that is Incompatible With Secondary Licenses under the terms of this version of the License, the notice described in Exhibit B of this License must be attached.

Exhibit A - Source Code Form License Notice
This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

If it is not possible or desirable to put the notice in a particular file, then You may include the notice in a location (such as a LICENSE file in a relevant directory) where a recipient would be likely to look for such a notice.

You may add additional accurate notices of copyright ownership.

This Source Code Form is Incompatible With Secondary Licenses, as defined by the Mozilla Public License, v. 2.0.

This Source Code Form is subject to the terms of the Mozilla Public License, v. 2.0. If a copy of the MPL was not distributed with this file, You can obtain one at https://mozilla.org/MPL/2.0/.

Exhibit B - Incompatible With Secondary Licenses Notice

This Source Code Form is Incompatible With Secondary Licenses, as defined by the Mozilla Public License, v. 2.0.

GNU GENERAL PUBLIC LICENSE
Version 2, June 1991

Copyright (C) 1989, 1991 Free Software Foundation, Inc.,
51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA
Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.

Preamble

The licenses for most software are designed to take away your
freedom to share and change it. By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users. This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it. (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.

When we speak of free software, we are referring to freedom, not
price. Our General Public Licenses are designed to make sure that you
have the freedom to distribute copies of free software (and charge for
this service if you wish), that you receive source code or can get it
if you want it, that you can change the software or use pieces of it
in new free programs; and that you know you can do these things.

To protect your rights, we need to make restrictions that forbid
anyone to deny you these rights or to ask you to surrender the rights.
These restrictions translate to certain responsibilities for you if you
distribute copies of the software, or if you modify it.

For example, if you distribute copies of such a program, whether
gratis or for a fee, you must give the recipients all the rights that you have. You must make sure that they, too, receive or can get the source code. And you must show them these terms so they know their rights.

We protect your rights with two steps: (1) copyright the software, and (2) offer you this license which gives you legal permission to copy, distribute and/or modify the software.

Also, for each author's protection and ours, we want to make certain that everyone understands that there is no warranty for this free software. If the software is modified by someone else and passed on, we want its recipients to know that what they have is not the original, so that any problems introduced by others will not reflect on the original authors' reputations.

Finally, any free program is threatened constantly by software patents. We wish to avoid the danger that redistributors of a free program will individually obtain patent licenses, in effect making the program proprietary. To prevent this, we have made it clear that any patent must be licensed for everyone's free use or not licensed at all.

The precise terms and conditions for copying, distribution and modification follow.

GNU GENERAL PUBLIC LICENSE
TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION

0. This License applies to any program or other work which contains a notice placed by the copyright holder saying it may be distributed under the terms of this General Public License. The "Program", below, refers to any such program or work, and a "work based on the Program" means either the Program or any derivative work under copyright law: that is to say, a work containing the Program or a portion of it, either verbatim or with modifications and/or translated into another language. (Hereinafter, translation is included without limitation in the term "modification".) Each licensee is addressed as "you".

Activities other than copying, distribution and modification are not covered by this License; they are outside its scope. The act of running the Program is not restricted, and the output from the Program is covered only if its contents constitute a work based on the Program (independent of having been made by running the Program). Whether that is true depends on what the Program does.

1. You may copy and distribute verbatim copies of the Program's source code as you receive it, in any medium, provided that you conspicuously and appropriately publish on each copy an appropriate
copyright notice and disclaimer of warranty; keep intact all the notices that refer to this License and to the absence of any warranty; and give any other recipients of the Program a copy of this License along with the Program.

You may charge a fee for the physical act of transferring a copy, and you may at your option offer warranty protection in exchange for a fee.

2. You may modify your copy or copies of the Program or any portion of it, thus forming a work based on the Program, and copy and distribute such modifications or work under the terms of Section 1 above, provided that you also meet all of these conditions:

a) You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.

b) You must cause any work that you distribute or publish, that in whole or in part contains or is derived from the Program or any part thereof, to be licensed as a whole at no charge to all third parties under the terms of this License.

c) If the modified program normally reads commands interactively when run, you must cause it, when started running for such interactive use in the most ordinary way, to print or display an announcement including an appropriate copyright notice and a notice that there is no warranty (or else, saying that you provide a warranty) and that users may redistribute the program under these conditions, and telling the user how to view a copy of this License. (Exception: if the Program itself is interactive but does not normally print such an announcement, your work based on the Program is not required to print an announcement.)

These requirements apply to the modified work as a whole. If identifiable sections of that work are not derived from the Program, and can be reasonably considered independent and separate works in themselves, then this License, and its terms, do not apply to those sections when you distribute them as separate works. But when you distribute the same sections as part of a whole which is a work based on the Program, the distribution of the whole must be on the terms of this License, whose permissions for other licensees extend to the entire whole, and thus to each and every part regardless of who wrote it.

Thus, it is not the intent of this section to claim rights or contest your rights to work written entirely by you; rather, the intent is to exercise the right to control the distribution of derivative or collective works based on the Program.

In addition, mere aggregation of another work not based on the Program
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 PROGRMS), EVEN IF SUCH HOLDER OR OTHER PARTY HAS BEEN ADVISED OF THE POSSIBILITY OF SUCH DAMAGES.

END OF TERMS AND CONDITIONS

How to Apply These Terms to Your New Programs

If you develop a new program, and you want it to be of the greatest possible use to the public, the best way to achieve this is to make it free software which everyone can redistribute and change under these terms.

To do so, attach the following notices to the program. It is safest to attach them to the start of each source file to most effectively convey the exclusion of warranty; and each file should have at least the "copyright" line and a pointer to where the full notice is found.

<one line to give the program's name and a brief idea of what it does.>
Copyright (C) <year>  <name of author>

This program is free software; you can redistribute it and/or modify it under the terms of the GNU General Public License as published by the Free Software Foundation; either version 2 of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful, but WITHOUT ANY WARRANTY; without even the implied warranty of MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the GNU General Public License for more details.

You should have received a copy of the GNU General Public License along with this program; if not, write to the Free Software Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301 USA.

Also add information on how to contact you by electronic and paper mail.

If the program is interactive, make it output a short notice like this when it starts in an interactive mode:

Gnomovision version 69, Copyright (C) year name of author
Gnomovision comes with ABSOLUTELY NO WARRANTY; for details type `show w'.
This is free software, and you are welcome to redistribute it under certain conditions; type `show c' for details.

The hypothetical commands `show w' and `show c' should show the appropriate parts of the General Public License. Of course, the commands you use may
be called something other than `show w' and `show c'; they could even be mouse-clicks or menu items--whatever suits your program.

You should also get your employer (if you work as a programmer) or your school, if any, to sign a "copyright disclaimer" for the program, if necessary. Here is a sample; alter the names:

Yoyodyne, Inc., hereby disclaims all copyright interest in the program 'Gnomovision' (which makes passes at compilers) written by James Hacker.

<signature of Ty Coon>, 1 April 1989
Ty Coon, President of Vice

This General Public License does not permit incorporating your program into proprietary programs. If your program is a subroutine library, you may consider it more useful to permit linking proprietary applications with the library. If this is what you want to do, use the GNU Lesser General Public License instead of this License.

"CLASSPATH" EXCEPTION TO THE GPL

Certain source files distributed by Oracle America and/or its affiliates are subject to the following clarification and special exception to the GPL, but only where Oracle has expressly included in the particular source file's header the words "Oracle designates this particular file as subject to the "Classpath" exception as provided by Oracle in the LICENSE file that accompanied this code."

Linking this library statically or dynamically with other modules is making a combined work based on this library. Thus, the terms and conditions of the GNU General Public License cover the whole combination.

As a special exception, the copyright holders of this library give you permission to link this library with independent modules to produce an executable, regardless of the license terms of these independent modules, and to copy and distribute the resulting executable under terms of your choice, provided that you also meet, for each linked independent module, the terms and conditions of the license of that module. An independent module is a module which is not derived from or based on this library. If you modify this library, you may extend this exception to your version of the library, but you are not obligated to do so. If you do not wish to do so, delete this exception statement from your version.

<?xml version="1.0"?>
<xsl:stylesheet version="1.0"
   xmlns:xsl="http://www.w3.org/1999/XSL/Transform">
   <xsl:output method="html" encoding="utf-8" standalone="no" media-type="text/html" />
   <xsl:param name="version"/>
The following material has been provided for informational purposes only, and should not be relied upon or construed as a legal opinion or legal advice.

<!-- Read matching templates -->
</h2>

<table>
<thead>
<tr>
<th>Package Group</th>
<th>Package Artifact</th>
<th>Package Version</th>
<th>Remote Licenses</th>
<th>Local Licenses</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

1. <a href="${filename}"><xsl:value-of select="$filename" /></a><br/>

2. <xsl:variable name="filename">
   <xsl:call-template name="remap-local-filename">
     <xsl:with-param name="name" select="name" />
   </xsl:call-template>
  </xsl:variable>
  <a href="{$filename}"><xsl:value-of select="$filename" /></a><br/>
<xsl:for-each>
  <td>
    </tr>
  </xsl:for-each>
</table>
</body>
</html>
</xsl:template>

<xsl:template name="remap-local-filename">
  <xsl:param name="name"/>
  <xsl:choose>
    <xsl:when test="$name = 'BSD 3-clause "New" or "Revised" License'">
      <xsl:text>bsd 3-clause new or revised license.html</xsl:text>
    </xsl:when>
    <xsl:when test="$name = 'BSD 3-Clause No Nuclear License'">
      <xsl:text>bsd 3-clause no nuclear license.html</xsl:text>
    </xsl:when>
    <xsl:when test="$name = 'Creative Commons Attribution 2.5'">
      <xsl:text>creative commons attribution 2.5.html</xsl:text>
    </xsl:when>
    <xsl:when test="$name = 'GNU Lesser General Public License v2.1 or later'">
      <xsl:text>gnu lesser general public license v2.1 or later.html</xsl:text>
    </xsl:when>
    <xsl:when test="$name = 'Mozilla Public License 2.0'">
      <xsl:text>mozilla public license 2.0.html</xsl:text>
    </xsl:when>
    <xsl:when test="$name = 'Plexus Classworlds License'">
      <xsl:text>plexus classworlds license.html</xsl:text>
    </xsl:when>
    <xsl:when test="$name = The JSoup MIT License'">
      <xsl:text>the jsoup mit license.html</xsl:text>
    </xsl:when>
    <xsl:otherwise>
      <xsl:value-of select="concat(translate($name, $uppercase, $lowercase), '.txt')"/>
    </xsl:otherwise>
  </xsl:choose>
</xsl:template>

<?xml version="1.0" encoding="UTF-8" standalone="no"?>
<licenseSummary>
  <dependencies>
    <dependency>
      <groupId>antlr</groupId>
      <artifactId>antlr</artifactId>
      <version>2.7.7</version>
      <licenses>
        <license>
<dependency>
<groupId>asm</groupId>
<artifactId>asm</artifactId>
<version>3.3.1</version>
<licenses>
<license>
<name>The Asm BSD License</name>
<url>http://asm.ow2.org/license.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>ch.qos.cal10n</groupId>
<artifactId>cal10n-api</artifactId>
<version>0.8.1</version>
<licenses>
<license>
<name>MIT License</name>
<url>http://www.opensource.org/licenses/MIT</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.fasterxml</groupId>
<artifactId>classmate</artifactId>
<version>1.3.3</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.fasterxml.jackson.core</groupId>
<artifactId>jackson-annotations</artifactId>
<version>2.8.9</version>
<licenses>
<dependency>
<groupId>com.fasterxml.jackson.core</groupId>
<artifactId>jackson-core</artifactId>
<version>2.8.9</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.fasterxml.jackson.core</groupId>
<artifactId>jackson-databind</artifactId>
<version>2.8.9</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.fasterxml.jackson.datatype</groupId>
<artifactId>jackson-datatype-jdk8</artifactId>
<version>2.8.9</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.fasterxml.jackson.datatype</groupId>
<artifactId>jackson-datatype-jsr310</artifactId>
<version>2.8.9</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>com.fasterxml.jackson.jaxrs</groupId>
  <artifactId>jackson-jaxrs-base</artifactId>
  <version>2.8.9</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>com.fasterxml.jackson.jaxrs</groupId>
  <artifactId>jackson-jaxrs-json-provider</artifactId>
  <version>2.8.9</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>com.fasterxml.jackson.module</groupId>
  <artifactId>jackson-module-jaxb-annotations</artifactId>
  <version>2.8.9</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>com.github.relaxng</groupId>
  <artifactId>relaxngDatatype</artifactId>
  <version>2011.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>com.github.spullara.mustache.java</groupId>
    <artifactId>compiler</artifactId>
    <version>0.9.4</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>com.google.guava</groupId>
    <artifactId>guava</artifactId>
    <version>20.0</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>com.h2database</groupId>
    <artifactId>h2</artifactId>
    <version>1.4.193</version>
    <licenses>
        <license>
            <name>Mozilla Public License 2.0</name>
            <url>http://www.mozilla.org/MPL/2.0/</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Eclipse Public License 1.0</name>
            <url>http://repository.jboss.org/licenses/epl-1.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<groupId>com.io7m.xom</groupId>
<artifactId>xom</artifactId>
<version>1.2.10</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>com.microsoft.azure</groupId>
  <artifactId>azure-storage</artifactId>
  <version>5.0.0</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>com.sun.faces</groupId>
  <artifactId>jsf-impl</artifactId>
  <version>2.2.13.SP4</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>com.sun.istack</groupId>
  <artifactId>istack-commons-runtime</artifactId>
  <version>2.21</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>com.sun.istack</groupId>
<artifactId>istack-commons-tools</artifactId>
<version>2.21</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.1</name>
<url>https://javaee.github.io/glassfish/LICENSE</url>
<distribution>repo</distribution>
</license>
<license>
<name>GNU General Public License v2.0 only, with Classpath exception</name>
<url>http://openjdk.java.net/legal/gplv2+ce.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.sun.mail</groupId>
<artifactId>javax.mail</artifactId>
<version>1.5.6</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.0</name>
<url>https://opensource.org/licenses/cddl1.txt</url>
<distribution>repo</distribution>
</license>
<license>
<name>GNU General Public License v2.0 only, with Classpath exception</name>
<url>http://openjdk.java.net/legal/gplv2+ce.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>com.sun.xml.bind.external</groupId>
<artifactId>rngom</artifactId>
<version>2.2.11.jbossorg-1</version>
<licenses>
</licenses>
</dependency>
<license>
   <name>MIT License</name>
   <url>http://www.opensource.org/licenses/MIT</url>
   <distribution>repo</distribution>
</license>
</dependency>
<dependency>
   <groupId>com.sun.xml.fastinfoset</groupId>
   <artifactId>FastInfoset</artifactId>
   <version>1.2.13</version>
   <licenses>
      <license>
         <name>Apache License 2.0</name>
         <url>http://www.apache.org/licenses/LICENSE-2.0</url>
         <distribution>repo</distribution>
      </license>
   </licenses>
</dependency>
<dependency>
   <groupId>com.sun.xml.messaging.saaj</groupId>
   <artifactId>saaj-impl</artifactId>
   <version>1.3.16-jbossorg-1</version>
   <licenses>
      <license>
         <name>Common Development and Distribution License 1.1</name>
         <url>https://javaee.github.io/glassfish/LICENSE</url>
         <distribution>repo</distribution>
      </license>
      <license>
         <name>GNU General Public License v2.0 only, with Classpath exception</name>
         <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
         <distribution>repo</distribution>
      </license>
   </licenses>
</dependency>
<dependency>
   <groupId>com.sun.xsom</groupId>
   <artifactId>xsom</artifactId>
   <version>20140925</version>
   <licenses>
      <license>
         <name>Common Development and Distribution License 1.1</name>
         <url>https://javaee.github.io/glassfish/LICENSE</url>
         <distribution>repo</distribution>
      </license>
      <license>
         <name>GNU General Public License v2.0 only, with Classpath exception</name>
         <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
         <distribution>repo</distribution>
      </license>
   </licenses>
</dependency>
<dependency>
  <groupId>commons-beanutils</groupId>
  <artifactId>commons-beanutils</artifactId>
  <version>1.9.3</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>commons-cli</groupId>
  <artifactId>commons-cli</artifactId>
  <version>1.3.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>commons-codec</groupId>
  <artifactId>commons-codec</artifactId>
  <version>1.10</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>commons-collections</groupId>
  <artifactId>commons-collections</artifactId>
  <version>3.2.2</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
    </license>
  </licenses>
</dependency>
$url>http://openjdk.java.net/legal/gplv2+ce.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>commons-io</groupId>
  <artifactId>commons-io</artifactId>
  <version>2.5</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>commons-lang</groupId>
  <artifactId>commons-lang</artifactId>
  <version>2.6</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>commons-pool</groupId>
  <artifactId>commons-pool</artifactId>
  <version>1.6</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>dom4j</groupId>
  <artifactId>dom4j</artifactId>
  <version>1.6.1</version>
  <licenses>
    <license>
      <name>Plexus Classworlds License</name>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>gnu.getopt</groupId>
  <artifactId>java-getopt</artifactId>
  <version>1.0.13</version>
  <licenses>
    <license>
      <name>GNU Library General Public License v2 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.0-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>io.netty</groupId>
  <artifactId>netty-all</artifactId>
  <version>4.1.9.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>io.undertow.js</groupId>
  <artifactId>undertow-js</artifactId>
  <version>1.0.2.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>javax.jws</groupId>
  <artifactId>jsr181-api</artifactId>
  <version>1.0-MR1</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>jaxen</groupId>
  <artifactId>jaxen</artifactId>
  <version>1.1.6</version>
  <licenses>
    <license>
      <name>BSD 3-clause "New" or "Revised" License</name>
      <url>http://www.opensource.org/licenses/BSD-3-Clause</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>jboss.jaxbintros</groupId>
  <artifactId>jboss-jaxb-intros</artifactId>
  <version>1.0.2.GA</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>joda-time</groupId>
  <artifactId>joda-time</artifactId>
  <version>2.9.7</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>
<artifactId>jcip-annotations</artifactId>
<version>1.0</version>
/licenses>
/license>
<name>Creative Commons Attribution 2.5</name>
$url>http://creativecommons.org/licenses/by/2.5/legalcode</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>net.shibboleth.utilities</groupId>
<artifactId>java-support</artifactId>
<version>7.1.1</version>
/licenses>
/license>
<name>Apache License 2.0</name>
$url>http://www.apache.org/licenses/LICENSE-2.0</url>
/distribution>repo</distribution>
</license>
/licenses>
<name>The BSD License</name>
$url>http://repository.jboss.org/licenses/bsd.txt</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.apache.activemq</groupId>
<artifactId>artemis-amqp-protocol</artifactId>
<version>1.5.5.jbossorg-008</version>
/licenses>
/license>
<name>Apache License 2.0</name>
$url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.apache.activemq</groupId>
<artifactId>artemis-cli</artifactId>
<version>1.5.5.jbossorg-008</version>
/licenses>
/license>
<name>Apache License 2.0</name>
$url>http://www.apache.org/licenses/LICENSE-2.0</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.apache.activemq</groupId>
<artifactId>artemis-amqp-protocol</artifactId>
<version>1.5.5.jbossorg-008</version>
/licenses>
/license>
<name>Apache License 2.0</name>
$url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
<groupId>org.apache.activemq</groupId>
<artifactId>artemis-cli</artifactId>
<version>1.5.5.jbossorg-008</version>
/licenses>
/license>
<name>Apache License 2.0</name>
$url>http://www.apache.org/licenses/LICENSE-2.0</url>
/distribution>repo</distribution>
</license>
/licenses>
</dependency>
<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-commons</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-core-client</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-dto</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-hornetq-protocol</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-hqclient-protocol</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-jdbc-store</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-jms-client</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-jms-server</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.apache.activemq</groupId>
    <artifactId>artemis-journal</artifactId>
    <version>1.5.5.jbossorg-008</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.apache.activemq</groupId>
    <artifactId>artemis-native</artifactId>
    <version>1.5.5.jbossorg-008</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.apache.activemq</groupId>
    <artifactId>artemis-ra</artifactId>
    <version>1.5.5.jbossorg-008</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.apache.activemq</groupId>
    <artifactId>artemis-selector</artifactId>
    <version>1.5.5.jbossorg-008</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-server</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-service-extensions</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.activemq</groupId>
  <artifactId>artemis-stomp-protocol</artifactId>
  <version>1.5.5.jbossorg-008</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://repository.jboss.org/licenses/apache-2.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.avro</groupId>
  <artifactId>avro</artifactId>
  <version>1.7.6</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-core</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-bindings-coloc</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-bindings-object</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-bindings-soap</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-frontend-jaxws</artifactId>
<version>3.1.12</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-frontend-simple</artifactId>
<version>3.1.12</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-management</artifactId>
<version>3.1.12</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-security</artifactId>
<version>3.1.12</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-security-saml</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-transports-http</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-transports-http-hc</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-rt-transports-jms</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-ws-rm</artifactId>
<version>3.1.12</version>
<licenses>
<license>
  <name>Apache License 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0</url>
  <distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-ws-security</artifactId>
<version>3.1.12</version>
<licenses>
<license>
  <name>Apache License 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0</url>
  <distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-rt-wsdl</artifactId>
<version>3.1.12</version>
<licenses>
<license>
  <name>Apache License 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0</url>
  <distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.cxf</groupId>
<artifactId>cxf-tools-common</artifactId>
<version>3.1.12</version>
<licenses>
<license>
  <name>Apache License 2.0</name>
  <url>http://www.apache.org/licenses/LICENSE-2.0</url>
  <distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-tools-java2ws</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-tools-validator</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-tools-wsdlto-core</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-tools-wsdlto-databinding-jaxb</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.cxf</groupId>
  <artifactId>cxf-tools-wsdlto-frontend-jaxws</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf.services.sts</groupId>
  <artifactId>cxf-services-sts-core</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf.services.ws-discovery</groupId>
  <artifactId>cxf-services-ws-discovery-api</artifactId>
  <version>3.1.12</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf.xjc-utils</groupId>
  <artifactId>cxf-xjc-runtime</artifactId>
  <version>3.0.5</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.cxf.xjcplugins</groupId>
  <artifactId>cxf-xjc-boolean</artifactId>
  <version>3.0.5</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf.xjcplugins</groupId>
  <artifactId>cxf-xjc-bug986</artifactId>
  <version>3.0.5</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf.xjcplugins</groupId>
  <artifactId>cxf-xjc-dv</artifactId>
  <version>3.0.5</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.cxf.xjcplugins</groupId>
  <artifactId>cxf-xjc-ts</artifactId>
  <version>3.0.5</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpasyncclient</artifactId>
  <version>4.1.2</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpclient</artifactId>
  <version>4.5.2</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcore</artifactId>
  <version>4.4.4</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Creative Commons Attribution 2.5</name>
      <url>http://creativecommons.org/licenses/by/2.5/legalcode</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcore-nio</artifactId>
  <version>4.4.4</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
  <license>
    <name>Creative Commons Attribution 2.5</name>
    <url>http://creativecommons.org/licenses/by/2.5/legalcode</url>
    <distribution>repo</distribution>
  </license>
</licenses>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpmime</artifactId>
  <version>4.5.2</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.james</groupId>
  <artifactId>apache-mime4j</artifactId>
  <version>0.6</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.apache.lucene</groupId>
  <artifactId>lucene-analyzers-common</artifactId>
  <version>5.3.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.apache.lucene</groupId>
<artifactId>lucene-queries</artifactId>
<version>5.3.1</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.lucene</groupId>
<artifactId>lucene-queryparser</artifactId>
<version>5.3.1</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.neethi</groupId>
<artifactId>neethi</artifactId>
<version>3.0.3</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.apache.qpid</groupId>
<artifactId>proton-j</artifactId>
<version>0.8</version>
<licenses>
  <license>
    <name>The Apache Software License, Version 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
    <groupId>org.apache.qpid</groupId>
    <artifactId>proton-jms</artifactId>
    <version>0.8</version>
    <licenses>
        <license>
            <name>The Apache Software License, Version 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.apache.santuario</groupId>
    <artifactId>xmlsec</artifactId>
    <version>2.0.8</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.apache.taglibs</groupId>
    <artifactId>taglibs-standard-compat</artifactId>
    <version>1.2.6-RC1</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.apache.taglibs</groupId>
    <artifactId>taglibs-standard-impl</artifactId>
    <version>1.2.6-RC1</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.apache.wss4j</groupId>
  <artifactId>wss4j-ws-security-stax</artifactId>
  <version>2.1.10</version>
</dependency>

<dependency>
  <groupId>org.apache.wss4j</groupId>
  <artifactId>wsse</artifactId>
  <version>2.1.10</version>
</dependency>

<dependency>
  <groupId>org.apache.wss4j</groupId>
  <artifactId>wsse-util</artifactId>
  <version>2.1.10</version>
</dependency>

<dependency>
  <groupId>org.apache.wss4j</groupId>
  <artifactId>wsse-test</artifactId>
  <version>2.1.10</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcore</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpclient</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpmime</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpasyncclient</artifactId>
  <version>4.1.2</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpasyncclient-tls</artifactId>
  <version>4.1.2</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpclient-async</artifactId>
  <version>4.1.2</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcomponents-platform</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcomponents-test</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcomponents-util</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcomponents-transport</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httpcomponents-util-config</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util-config</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util-util</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util-util-config</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util-util-config-util</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util-util-config-util-config</artifactId>
  <version>4.4.15</version>
</dependency>

<dependency>
  <groupId>org.apache.httpcomponents</groupId>
  <artifactId>httptransport-util-util-config-util-config-util</artifactId>
  <version>4.4.15</version>
</dependency>
<dependency>
  <groupId>org.codehaus.jettison</groupId>
  <artifactId>jettison</artifactId>
  <version>1.3.8</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
    </licenses>
</dependency>

<dependency>
  <groupId>org.cryptacular</groupId>
  <artifactId>cryptacular</artifactId>
  <version>1.2.0</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v3.0 only</name>
      <url>http://www.gnu.org/licenses/lgpl-3.0-standalone.html</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
    </licenses>
</dependency>

<dependency>
  <groupId>org.glassfish.jaxb</groupId>
  <artifactId>codemodel</artifactId>
  <version>2.2.11.jbossorg-1</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.glassfish.jaxb</groupId>
  <artifactId>jaxb-xjc</artifactId>
  <version>2.2.11.jbossorg-1</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.glassfish.jaxb</groupId>
  <artifactId>txw2</artifactId>
  <version>2.2.11.jbossorg-1</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.1</name>
      <url>https://javaee.github.io/glassfish/LICENSE</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License v2.0 only, with Classpath exception</name>
      <url>http://openjdk.java.net/legal/gplv2+ce.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.hibernate</groupId>
  <artifactId>hibernate-core</artifactId>
  <version>5.1.10.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-entitymanager</artifactId>
<version>5.1.10.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-envers</artifactId>
<version>5.1.10.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-infinispan</artifactId>
<version>5.1.10.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-java8</artifactId>
<version>5.1.10.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-search-serialization-avro</artifactId>
<version>5.5.8.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-validator</artifactId>
<version>5.3.5.Final</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.hibernate</groupId>
<artifactId>hibernate-validator-cdi</artifactId>
<version>5.3.5.Final</version>
<licenses>
  <license>
    <name>Apache License 2.0</name>
    <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.hibernate.common</groupId>
<artifactId>hibernate-commons-annotations</artifactId>
<version>5.0.1.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.hibernate.javax.persistence</groupId>
  <artifactId>hibernate-jpa-2.1-api</artifactId>
  <version>1.0.0.Final</version>
  <licenses>
    <license>
      <name>Eclipse Distribution License, Version 1.0</name>
      <url>http://repository.jboss.org/licenses/edl-1.0.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>Eclipse Public License 1.0</name>
      <url>http://repository.jboss.org/licenses/epl-1.0.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.hornetq</groupId>
  <artifactId>hornetq-commons</artifactId>
  <version>2.4.7.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.hornetq</groupId>
  <artifactId>hornetq-core-client</artifactId>
  <version>2.4.7.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.hornetq</groupId>
  <artifactId>hornetq-jms-client</artifactId>
  <version>2.4.7.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.hornetq</groupId>
    <artifactId>hornetq-journal</artifactId>
    <version>2.4.7.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.hornetq</groupId>
    <artifactId>hornetq-native</artifactId>
    <version>2.4.7.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.infinispan</groupId>
    <artifactId>infinispan-cachestore-jdbc</artifactId>
    <version>8.2.8.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.infinispan</groupId>
    <artifactId>infinispan-cachestore-remote</artifactId>
    <version>8.2.8.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>org.infinispan</groupId>
    <artifactId>infinispan-client-hotrod</artifactId>
    <version>8.2.8.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.infinispan</groupId>
    <artifactId>infinispan-commons</artifactId>
    <version>8.2.8.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.infinispan</groupId>
    <artifactId>infinispan-core</artifactId>
    <version>8.2.8.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jasypt</groupId>
    <artifactId>jasypt</artifactId>
    <version>1.9.2</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>org.javassist</groupId>
    <artifactId>javassist</artifactId>
    <version>3.20.0-GA</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>Mozilla Public License 1.1</name>
            <url>http://www.mozilla.org/MPL/MPL-1.1.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jberet</groupId>
    <artifactId>jberet-core</artifactId>
    <version>1.2.4.Final</version>
    <licenses>
        <license>
            <name>Eclipse Public License 1.0</name>
            <url>http://repository.jboss.org/licenses/epl-1.0.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss</groupId>
    <artifactId>jboss-ejb-client</artifactId>
    <version>4.0.7.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>jboss-ejb-client-legacy</artifactId>
  <version>3.0.2.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>jboss-iiop-client</artifactId>
  <version>1.0.1.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss</groupId>
  <artifactId>jboss-transaction-spi</artifactId>
  <version>7.6.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.activemq.artemis.integration</groupId>
  <artifactId>artemis-wildfly-integration</artifactId>
  <version>1.0.2</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.jboss.ejb3</groupId>
<artifactId>jboss-ejb3-ext-api</artifactId>
<version>2.2.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v3.0 only</name>
<url>http://www.gnu.org/licenses/lgpl-3.0-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.genericjms</groupId>
<artifactId>generic-jms-ra-jar</artifactId>
<version>2.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.hal</groupId>
<artifactId>release-stream</artifactId>
<version>2.9.15.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.ironjacamar</groupId>
<artifactId>ironjacamar-common-api</artifactId>
<version>1.4.6.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 only</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
    <groupId>org.jboss.ironjacamar</groupId>
    <artifactId>ironjacamar-common-impl</artifactId>
    <version>1.4.6.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>org.jboss.ironjacamar</groupId>
    <artifactId>ironjacamar-common-spi</artifactId>
    <version>1.4.6.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>org.jboss.ironjacamar</groupId>
    <artifactId>ironjacamar-core-api</artifactId>
    <version>1.4.6.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>org.jboss.ironjacamar</groupId>
    <artifactId>ironjacamar-core-impl</artifactId>
    <version>1.4.6.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.metadata</groupId>
  <artifactId>jboss-metadata-appclient</artifactId>
  <version>10.0.2.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.metadata</groupId>
  <artifactId>jboss-metadata-ejb</artifactId>
  <version>10.0.2.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.mod_cluster</groupId>
  <artifactId>mod_cluster-container-spi</artifactId>
  <version>1.3.7.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v3.0 only</name>
      <url>http://www.gnu.org/licenses/lgpl-3.0-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.mod_cluster</groupId>
  <artifactId>mod_cluster-core</artifactId>
  <version>1.3.7.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v3.0 only</name>
      <url>http://www.gnu.org/licenses/lgpl-3.0-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.narayana</groupId>
  <artifactId>jbosstxbridge</artifactId>
  <version>5.5.30.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.narayana.compensations</groupId>
  <artifactId>compensations</artifactId>
  <version>5.5.30.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.narayana.jts</groupId>
  <artifactId>narayana-jts-idlj</artifactId>
  <version>5.5.30.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.narayana.jts</groupId>
  <artifactId>narayana-jts-integration</artifactId>
  <version>5.5.30.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
	<groupId>org.jboss.narayana.rts</groupId>
	<artifactId>restat-api</artifactId>
	<version>5.5.30.Final</version>
	<licenses>
		<license>
			<name>GNU Lesser General Public License v2.1 only</name>
			:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
			<distribution>repo</distribution>
		</license>
	</licenses>
</dependency>

<dependency>
	<groupId>org.jboss.narayana.rts</groupId>
	<artifactId>restat-bridge</artifactId>
	<version>5.5.30.Final</version>
	<licenses>
		<license>
			<name>GNU Lesser General Public License v2.1 only</name>
			:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
			<distribution>repo</distribution>
		</license>
	</licenses>
</dependency>

<dependency>
	<groupId>org.jboss.narayana.rts</groupId>
	<artifactId>restat-integration</artifactId>
	<version>5.5.30.Final</version>
	<licenses>
		<license>
			<name>GNU Lesser General Public License v2.1 only</name>
			:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
			<distribution>repo</distribution>
		</license>
	</licenses>
</dependency>

<dependency>
	<groupId>org.jboss.narayana.rts</groupId>
	<artifactId>restat-util</artifactId>
	<version>5.5.30.Final</version>
	<licenses>
		<license>
			<name>GNU Lesser General Public License v2.1 only</name>
			:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
			<distribution>repo</distribution>
		</license>
	</licenses>
</dependency>
<dependency>
    <groupId>org.jboss.narayana.txframework</groupId>
    <artifactId>txframework</artifactId>
    <version>5.5.30.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.narayana.xts</groupId>
    <artifactId>jbossxts</artifactId>
    <version>5.5.30.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 only</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.openjdk-orb</groupId>
    <artifactId>openjdk-orb</artifactId>
    <version>8.0.8.Final</version>
    <licenses>
        <license>
            <name>GNU General Public License, Version 2 with the Classpath Exception</name>
            <url>http://repository.jboss.org/licenses/gpl-2.0-ce.txt</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.resteasy</groupId>
    <artifactId>jose-jwt</artifactId>
    <version>3.0.24.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
    <groupId>org.jboss.resteasy</groupId>
    <artifactId>resteasy-atom-provider</artifactId>
    <version>3.0.24.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.resteasy</groupId>
    <artifactId>resteasy-cdi</artifactId>
    <version>3.0.24.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.resteasy</groupId>
    <artifactId>resteasy-client</artifactId>
    <version>3.0.24.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.jboss.resteasy</groupId>
    <artifactId>resteasy-crypto</artifactId>
    <version>3.0.24.Final</version>
    <licenses>
        <license>
            <name>Apache License 2.0</name>
            <url>http://www.apache.org/licenses/LICENSE-2.0</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-jackson-provider</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-jackson2-provider</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-jaxb-provider</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-jaxrs</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.jboss.resteasy</groupId>
<artifactId>resteasy-jettison-provider</artifactId>
<version>3.0.24.Final</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.resteasy</groupId>
<artifactId>resteasy-jsapi</artifactId>
<version>3.0.24.Final</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.resteasy</groupId>
<artifactId>resteasy-json-p-provider</artifactId>
<version>3.0.24.Final</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.resteasy</groupId>
<artifactId>resteasy-multipart-provider</artifactId>
<version>3.0.24.Final</version>
<licenses>
<license>
<name>Apache License 2.0</name>
<url>http://www.apache.org/licenses/LICENSE-2.0</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-spring</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-validator-provider-11</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.resteasy</groupId>
  <artifactId>resteasy-yaml-provider</artifactId>
  <version>3.0.24.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.seam.integration</groupId>
  <artifactId>jboss-seam-int-jbossas</artifactId>
  <version>7.0.0.GA</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.jboss.spec.javax.xml.bind</groupId>
<artifactId>jboss-jaxb-api_2.2_spec</artifactId>
<version>1.0.4.Final</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.1</name>
:url>https://javaee.github.io/glassfish/LICENSE</url>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.jboss.spec.javax.xml.rpc</groupId>
<artifactId>jboss-jaxrpc-api_1.1_spec</artifactId>
<version>1.0.1.Final</version>
<licenses>
<license>
<name>Apache License 2.0</name>
?url>http://www.apache.org/licenses/LICENSE-2.0</url>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.jboss.spec.javax.xml.soap</groupId>
<artifactId>jboss-saaj-api_1.3_spec</artifactId>
<version>1.0.4.Final</version>
<licenses>
<license>
<name>Common Development and Distribution License 1.0</name>
?url>https://opensource.org/licenses/cddl1.txt</url>
</license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.spec.javax.xml.ws</groupId>
  <artifactId>jboss-jaxws-api_2.2_spec</artifactId>
  <version>2.0.4.Final</version>
  <licenses>
    <license>
      <name>Common Development and Distribution License 1.0</name>
      <url>https://opensource.org/licenses/cddl1.txt</url>
      <distribution>repo</distribution>
    </license>
    <license>
      <name>GNU General Public License, Version 2 with the Classpath Exception</name>
      <url>http://repository.jboss.org/licenses/gpl-2.0-ce.txt</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.weld</groupId>
  <artifactId>weld-api</artifactId>
  <version>2.4.SP1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.weld</groupId>
  <artifactId>weld-core-impl</artifactId>
  <version>2.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.weld</groupId>
  <artifactId>weld-core-jsf</artifactId>
  <version>2.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.weld</groupId>
  <artifactId>weld-spi</artifactId>
  <version>2.4.SP1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.weld.probe</groupId>
  <artifactId>weld-probe-core</artifactId>
  <version>2.4.3.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.ws</groupId>
  <artifactId>jbossws-api</artifactId>
  <version>1.0.3.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.jboss.ws</groupId>
  <artifactId>jbossws-common</artifactId>
  <version>3.1.5.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.ws</groupId>
  <artifactId>jbossws-common-tools</artifactId>
  <version>1.2.4.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.ws</groupId>
  <artifactId>jbossws-spi</artifactId>
  <version>3.1.4.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.ws.cxf</groupId>
  <artifactId>jbossws-cxf-client</artifactId>
  <version>5.1.9.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.jboss.ws.cxf</groupId>
<artifactId>jbossws-cxf-factories</artifactId>
<version>5.1.9.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.ws.cxf</groupId>
<artifactId>jbossws-cxf-jaspi</artifactId>
<version>5.1.9.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.ws.cxf</groupId>
<artifactId>jbossws-cxf-resources</artifactId>
<version>5.1.9.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>

<dependency>
<groupId>org.jboss.ws.cxf</groupId>
<artifactId>jbossws-cxf-server</artifactId>
<version>5.1.9.Final</version>
<licenses>
  <license>
    <name>GNU Lesser General Public License v2.1 only</name>
    <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
    <distribution>repo</distribution>
  </license>
</licenses>
</dependency>
<dependency>
  <groupId>org.jboss.ws.cxf</groupId>
  <artifactId>jbossws-cxf-transports-udp</artifactId>
  <version>5.1.9.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.ws.cxf</groupId>
  <artifactId>jbossws-cxf-transports-undertow</artifactId>
  <version>5.1.9.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.ws.projects</groupId>
  <artifactId>jaxws-undertow-httpspi</artifactId>
  <version>1.0.1.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 only</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.jboss.xnio.netty</groupId>
  <artifactId>netty-xnio-transport</artifactId>
  <version>0.1.2.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-core</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-profile-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-saml-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-saml-impl</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-security-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-security-impl</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-soap-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-xacml-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-xacml-impl</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-xacml-saml-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-xacml-saml-impl</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-xmlsec-api</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.opensaml</groupId>
  <artifactId>opensaml-xmlsec-impl</artifactId>
  <version>3.1.1</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.picketlink</groupId>
  <artifactId>picketlink-api</artifactId>
  <version>2.5.5.SP8</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.picketlink</groupId>
  <artifactId>picketlink-common</artifactId>
  <version>2.5.5.SP8</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.picketlink</groupId>
  <artifactId>picketlink-config</artifactId>
  <version>2.5.5.SP8</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.picketlink</groupId>
  <artifactId>picketlink-impl</artifactId>
  <version>2.5.5.SP8</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.picketlink.distribution</groupId>
  <artifactId>picketlink-wildfly8</artifactId>
  <version>2.5.5.SP8</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.slf4j</groupId>
  <artifactId>slf4j-ext</artifactId>
  <version>1.7.22</version>
  <licenses>
    <license>
      <name>MIT License</name>
      <url>http://www.opensource.org/licenses/MIT</url>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>jipijapa-eclipselink</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>jipijapa-spi</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-appclient</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-batch</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-batch-jberet</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-ee-infinispan</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-ee-spi</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-ejb-infinispan</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-ejb-spi</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-infinispan-extension</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-infinispan-spi</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-jgroups-api</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-jgroups-extension</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-jgroups-spi</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-marshalling-api</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-marshalling-infinispan</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-marshalling-jboss</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-marshalling-spi</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-server</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-service</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-clustering-singleton-api</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-singleton-extension</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-spi</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-web-api</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-clustering-web-infinispan</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
<url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
<distribution>repo</distribution>
</license>
</licenses>
</dependency>
<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-web-spi</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-clustering-web-undertow</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-cmp</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>

<dependency>
    <groupId>org.wildfly</groupId>
    <artifactId>wildfly-configadmin</artifactId>
    <version>11.0.0.Final</version>
    <licenses>
        <license>
            <name>GNU Lesser General Public License v2.1 or later</name>
            <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
            <distribution>repo</distribution>
        </license>
    </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-connector</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-ejb3</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-iiop-openjdk</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jacorb</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jaxr</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jaxrs</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jdr</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jpa</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jsf</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jsf-injection</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-jsr77</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-mail</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-naming-client</artifactId>
  <version>1.0.7.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-picketlink</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-pojo</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-rts</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-sar</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-security-api</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-servlet-feature-pack</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-system-jmx</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-weld-bean-validation</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
:url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-weld-common</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
[url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-weld-ejb</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
[url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
</license>
</licenses>
</dependency>

<dependency>
<groupId>org.wildfly</groupId>
<artifactId>wildfly-weld-jpa</artifactId>
<version>11.0.0.Final</version>
<licenses>
<license>
<name>GNU Lesser General Public License v2.1 or later</name>
</licenses>
</dependency>
<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-weld-spi</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-weld-transactions</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-weld-webservices</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-xts</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-weld-spi</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-weld-transactions</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-weld-webservices</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly</groupId>
  <artifactId>wildfly-xts</artifactId>
  <version>11.0.0.Final</version>
  <licenses>
    <license>
      <name>GNU Lesser General Public License v2.1 or later</name>
      <url>http://www.gnu.org/licenses/old-licenses/lgpl-2.1-standalone.html</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
<dependency>
  <groupId>org.wildfly.transaction</groupId>
  <artifactId>wildfly-transaction-client</artifactId>
  <version>1.0.2.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.wildfly-http-client</groupId>
  <artifactId>wildfly-http-client-common</artifactId>
  <version>1.0.8.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.wildfly-http-client</groupId>
  <artifactId>wildfly-http-ejb-client</artifactId>
  <version>1.0.8.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>

<dependency>
  <groupId>org.wildfly.wildfly-http-client</groupId>
  <artifactId>wildfly-http-naming-client</artifactId>
  <version>1.0.8.Final</version>
  <licenses>
    <license>
      <name>Apache License 2.0</name>
      <url>http://www.apache.org/licenses/LICENSE-2.0</url>
      <distribution>repo</distribution>
    </license>
  </licenses>
</dependency>
This is an Apache 1.1 derived license. Unfortunately, clause 4 is too broad, making it Free but GPL-
Copyright 2002 (C) The Codehaus. All Rights Reserved.

Redistribution and use of this software and associated documentation ("Software"), with or without modification, are permitted provided that the following conditions are met:

1. Redistributions of source code must retain copyright statements and notices. Redistributions must also contain a copy of this document.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.

3. The name "classworlds" must not be used to endorse or promote products derived from this Software without prior written permission of The Codehaus. For written permission, please contact bob@codehaus.org.

4. Products derived from this Software may not be called "classworlds" nor may "classworlds" appear in their names without prior written permission of The Codehaus. "classworlds" is a registered trademark of The Codehaus.

5. Due credit should be given to The Codehaus.

(http://classworlds.codehaus.org/).

THIS SOFTWARE IS PROVIDED BY THE CODEHAUS AND CONTRIBUTORS "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE CODEHAUS OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.
COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)
Version 1.1

1. Definitions.

1.1. "Contributor" means each individual or entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Software, prior Modifications used by a Contributor (if any), and the Modifications made by that particular Contributor.

1.3. "Covered Software" means (a) the Original Software, or (b) Modifications, or (c) the combination of files containing Original Software with files containing Modifications, in each case including portions thereof.

1.4. "Executable" means the Covered Software in any form other than Source Code.

1.5. "Initial Developer" means the individual or entity that first makes Original Software available under this License.

1.6. "Larger Work" means a work which combines Covered Software or portions thereof with code not governed by
1.7. "License" means this document.

1.8. "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 the Source Code and Executable form of any of the following:

A. Any file that results from an addition to, deletion from or modification of the contents of a file containing Original Software or previous Modifications;

B. Any new file that contains any part of the Original Software or previous Modification; or

C. Any new file that is contributed or otherwise made available under the terms of this License.

1.10. "Original Software" means the Source Code and Executable form of computer software code that is originally released under this License.

1.11. "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.

1.12. "Source Code" means (a) the common form of computer software code in which modifications are made and (b) associated documentation included in or with such code.

1.13. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License. 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. License Grants.

2.1. The Initial Developer Grant.
Conditioned upon Your compliance with Section 3.1 below and subject to third party intellectual property claims, the Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license:

(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 Software (or portions thereof), with or without Modifications, and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using or selling of Original Software, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Software (or portions thereof).

(c) The licenses granted in Sections 2.1(a) and (b) are effective on the date Initial Developer first distributes or otherwise makes the Original Software available to a third party 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 Software, or (2) for infringements caused by: (i) the modification of the Original Software, or (ii) the combination of the Original Software with other software or devices.

2.2. Contributor Grant.
Conditioned upon Your compliance with Section 3.1 below and 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 Software 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 distributes or otherwise makes the Modifications available to a third party.

(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) 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 (3) under Patent Claims infringed by Covered Software in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Availability of Source Code.
Any Covered Software that You distribute or otherwise make available in Executable form must also be made available in Source Code form and that Source Code form must be distributed only under the terms of this License. You must include a copy of this License with every copy of the Source Code form of the Covered Software You distribute or otherwise make available. You must inform recipients of any such Covered Software in Executable form as to how they can obtain such Covered Software in Source Code form in a reasonable manner on or through a medium customarily used for software exchange.

3.2. Modifications.
The Modifications that You create or to which You contribute are governed by the terms of this License. You represent that You believe Your Modifications are Your original creation(s) and/or You have sufficient rights to grant the rights conveyed by this License.

3.3. Required Notices.
You must include a notice in each of Your Modifications that identifies You as the Contributor of the Modification. You may not remove or alter any copyright, patent or trademark notices contained within the Covered Software, or any notices of licensing or any descriptive text giving attribution to any Contributor or the Initial Developer.

3.4. Application of Additional Terms.
You may not offer or impose any terms on any Covered Software in Source Code form that alters or restricts the applicable version of this License or the recipients' rights hereunder. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Software. However, you may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear that any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify 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.

3.5. Distribution of Executable Versions.
You may distribute the Executable form of the Covered Software under the terms of this License or under the terms of 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 form does not attempt to limit or alter the recipient's rights in the Source Code form from the rights set forth in this License. If You distribute the Covered Software in Executable form 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 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.

You may create a Larger Work by combining Covered Software 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 Software.

4. Versions of the License.

4.1. New Versions.
Oracle is the initial license steward and may publish revised and/or new versions of this License from time to time. Each version will be given a distinguishing version number. Except as provided in Section 4.3, no one other than the license steward has the right to modify this License.

4.2. Effect of New Versions.
You may always continue to use, distribute or otherwise make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. If the Initial Developer includes a notice in the Original Software prohibiting it from being distributed or otherwise made available under any subsequent version of the License, You must distribute and make the Covered Software available under the terms of the version of the License under which You originally received the Covered Software. Otherwise, You may also choose to use, distribute or otherwise make the Covered Software available under the terms of any subsequent version of the License published by the license steward.

4.3. Modified Versions.
When You are an Initial Developer and You want to create a new license for Your Original Software, You may create and use a modified version of this License if You: (a) rename the license and remove any references to the name of the license steward (except to note that the license differs from this License); and (b) otherwise make it clear that the license contains terms which differ from this License.

5. DISCLAIMER OF WARRANTY.
COVERED SOFTWARE 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 SOFTWARE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGING. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED SOFTWARE IS WITH YOU. SHOULD ANY COVERED SOFTWARE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT 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 SOFTWARE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

6. TERMINATION.

6.1. 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. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

6.2. If You assert a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You assert such claim is referred to as "Participant") alleging that the Participant Software (meaning the Contributor Version where the Participant is a Contributor or the Original Software where the Participant is the Initial Developer) directly or indirectly infringes any patent, then any and all rights granted directly or indirectly to You by such Participant, the Initial Developer (if the Initial Developer is not the Participant) and all Contributors under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively and automatically at the expiration of such 60 day notice period, unless if within such 60 day period You withdraw Your claim with respect to the Participant Software against such Participant either unilaterally or pursuant to a written agreement with Participant.

6.3. If You assert a patent infringement claim against Participant alleging that the Participant Software 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.

6.4. In the event of termination under Sections 6.1 or 6.2 above, all end user licenses that have been validly granted by You or any distributor hereunder prior to termination (excluding licenses granted to You by any distributor) shall survive termination.

7. 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 SOFTWARE, 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.
8. U.S. GOVERNMENT END USERS.

The Covered Software is a "commercial item," as that term is defined in 48 C.F.R. 2.101 (Oct. 1995), consisting of "commercial computer software" (as that term is defined at 48 C.F.R. 252.227-7014(a)(1)) 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 Software with only those rights set forth herein. This U.S. Government Rights clause is in lieu of, and supersedes, any other FAR, DFAR, or other clause or provision that addresses Government rights in computer software under this License.

9. 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 the law of the jurisdiction specified in a notice contained within the Original Software (except to the extent applicable law, if any, provides otherwise), excluding such jurisdiction's conflict-of-law provisions. Any litigation relating to this License shall be subject to the jurisdiction of the courts located in the jurisdiction and venue specified in a notice contained within the Original Software, 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. You agree that You alone are responsible for compliance with the United States export administration regulations (and the export control laws and regulation of any other countries) when You use, distribute or otherwise make available any Covered Software.

10. 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.

NOTICE PURSUANT TO SECTION 9 OF THE COMMON DEVELOPMENT AND DISTRIBUTION LICENSE (CDDL)

The code released under the CDDL shall be governed by the laws of the State of California (excluding conflict-of-law provisions). Any litigation relating to this License shall be subject to the jurisdiction of the Federal Courts of the Northern District of California and the state courts of the State of California, with venue lying in Santa Clara County, California.

The MIT License

Copyright (c) <year> <copyright holders>

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:
The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.
License text

</a>
</li>

<li>
  <a href="#tab_license-conditions" data-toggle="tab">
    License conditions
  </a>
</li>

<li>
  <a href="#tab_urls" data-toggle="tab">
    URLs
  </a>
</li>

<li>
  <a href="#tab_owner" data-toggle="tab">
    Owner
  </a>
</li>

</ul>
</div>

<div class="tab-content">
  <div class="tab-pane" id="tab_essentials">
    <dl class="dl-horizontal">
      <dt>
        <span class="help_text" data-toggle="tooltip" data-original-title="Unique key name of the license.">
          Key
        </span>
      </dt>
      <dd>
        <pre>indiana-extreme</pre>
      </dd>
    </dl>
  </div>
</div>
<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="The full name of the license, as provided by the original authors.">
    Name
  </span>
</dt>
<dd>
  <pre>Indiana University Extreme! Lab Software License Version 1.1.1</pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="Most commonly used name for the license, often abbreviated.">
    Short name
  </span>
</dt>
<dd>
  <pre>Indiana Extreme License 1.1.1</pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="A license category, identified by a code, provides a major grouping for licenses, generally describing the relationship between the licensor and licensee.">
    Category
  </span>
</dt>
<dd>
  <pre>Permissive</pre>
</dd>
License type

Open Source

License profile

7: Apache1.1 Terms

License style

Apache 1.1-Style
<dt>
   <span class="help_text" data-toggle="tooltip" data-original-title="An owner is an entity that is the original author or custodian of one or more software licenses, and which is responsible for the text of that license.">
   Owner
   </span>
</dt>
<dd>
   <pre><a href="/owners/public/Indiana+University/">Indiana University</a></pre>
</dd>
<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="Keywords to associate with a license to ensure that the license will be found when a user searches on one or more of the keywords. Examples include alternative names for the license, or file/product names that are commonly associated with the license.">
    Keywords
  </span>
</dt>
<dd>
  <pre>&nbsp;</pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="The standard notice text for this license if it exists.">
    Standard Notice
  </span>
</dt>
<dd>
  <pre>&nbsp;</pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="A concise description, maintained by an administrator, of the obligations (or restrictions) mandated by the license which are not communicated by the standard tag assignments of License Profile associated with this License."/>
    Special obligations
</dt>
<dd>
  <pre>&nbsp;</pre>
</dd>
<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="URN is a globally unique and universal way to reference data.">
    URN
  </span>
</dt>
<dd>
  <pre><a href="urn:urn:dje:license:indiana-extreme/">urn:dje:license:indiana-extreme</a></pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="A Dataspace is an independent, exclusive set of DejaCode data, which can be either nexB master reference data or installation-specific data.">
    Dataspace
  </span>
</dt>
<dd>
  <pre>public</pre>
</dd>

</div>

<div class="tab-pane id="tab_license-text">

<div class="row-fluid">
  <div class="span1"></div>
  <div class="span11">
    <p class="muted">The full text of the license. Note that {{double curly braces}} are used to indicate text that will vary with each actual usage of a license.</p>
    <pre>Indiana University Extreme! Lab Software License Version 1.1.1
Copyright (c) 2002 Extreme! Lab, Indiana University. All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the
following conditions are met:

1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following
disclaimer.

2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following
disclaimer in the documentation and/or other materials provided with the distribution.

3. The end-user documentation included with the redistribution, if any, must include the following acknowledgment:

"This product includes software developed by the Indiana University Extreme! Lab
(http://www.extreme.indiana.edu/).”

Alternately, this acknowledgment may appear in the software itself, if and wherever such third-party
acknowledgments normally appear.

4. The names "Indiana University" and "Indiana University Extreme! Lab" must not be used to endorse or promote
products derived from this software without prior written permission. For written permission, please contact
(http://www.extreme.indiana.edu/).

5. Products derived from this software may not use "Indiana University” name nor may "Indiana University” appear
in their name, without prior written permission of the Indiana University.

THIS SOFTWARE IS PROVIDED "AS IS" AND ANY EXPRESSED OR IMPLIED WARRANTIES,
INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND
FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE AUTHORS,
COPYRIGHT HOLDERS OR ITS CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT,
INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT
LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR
PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY,
WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE)
ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE
POSSIBILITY OF SUCH DAMAGE.

</pre>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
</div>
Obligations

License Text in Source

This license requires a copy of the license text and all copyright notices to be included in the source file(s). This obligation can also mean that a license or notice text file must be present in the same directory as the associated code.

License Text in Documentation

This license requires a copy of the license text and all copyright notices to be included in the product documentation.

Usage Notice in Documentation

This license requires a notice in the product documentation that the licensed software is being used.
<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large"></i>&nbsp;
<strong>Usage Notice in Advertisement</strong>
</div>

<p style="margin:0 0 5px;">This license requires a notice in all advertisements for the product (typically those mentioning features of the licensed software) that the licensed software is being used.</p>

</div>

<div class="tag-True">
<i class="icon-ok-sign color-true icon-large"></i>&nbsp;
<strong>No Use in Endorsements</strong>
</div>

<p style="margin:0 0 5px;">This license requires that neither the name of the organization that owns the licensed software nor the names of its contributors nor the name of the licensed software may be used to endorse or promote products derived from the licensed software without specific prior written permission.</p>

</div>

<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large"></i>&nbsp;
<strong>Source Redistribution</strong>
</div>

<p style="margin:0 0 5px;">This license requires the product documentation to include instructions regarding how to obtain source code for the licensed software, including any modifications to it.</p>

</div>

<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large"></i>&nbsp;
<strong>Change Tracking in Source</strong>
</div>

<p style="margin:0 0 5px;">This license requires that any changes to the original source code of the
licensed software must be documented within the source code itself.</p>

</div>

<p style="margin:0 0 5px;"&gt;This license requires that any changes to the original source code of the licensed software must be documented in the product documentation.</p>

</div>

<p style="margin:0 0 5px;"&gt;This license has one or more special attribution obligations that are described in the text of the license.</p>

</div>

<h2>Restrictions</h2>

<div class="well well-sm">

</div>

<p style="margin:0 0 5px;"&gt;This license prohibits commercial use (and typically redistribution) of the licensed software.</p>

</div>

</div>
<p style="margin:0 0 5px;">This license restricts the deployment of the licensed software by operating system, technology, technical field of use or type of device. Licenses with this restriction are not OSI compliant.</p></div>

<div class="tag-True" style="display: none;">
<i class="icon-ok-sign color-true icon-large">&nbsp;</i>
<br/>
<strong>Name Restriction</strong>

<p style="margin:0 0 5px;">
This license restricts and may specify how the name of the licensed software may be used, including restrictions that may require a name change if the code is modified.
</p>

</div>

<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large">&nbsp;</i>
<br/>
<strong>Restricted Redistribution</strong>

<p style="margin:0 0 5px;">
This license restricts which licensed software sub-components you can redistribute. The restriction may apply to source code, binary files or other sub-components. This restriction is typically included only in proprietary or commercial licenses. Licenses with this restriction are not OSI compliant.
</p>

</div>

<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large">&nbsp;</i>
<br/>
<strong>Restricted Modifications</strong>
This license restricts how the software can be modified. This restriction is typically included in proprietary or commercial licenses (for example, Oracle and Microsoft proprietary licenses) and in some licenses with restrictions on the creation of derivative works (for example, the Creative Common "no derivative" licenses).

This license prohibits changing the license that applies to the original licensed software or a derivative work of it. An example is the license for OpenSSL.

This license has constraints on how the licensed software can be used or modified, in relation to some specification or standard. Few licenses have such constraints; examples include the licenses for MPEG for IP; the Independent JPEG group; some Open Group; POSIX; and some early Sun Java licenses.

This license does not allow the assertion of any digital rights management on the licensed software or a derivative work of it with the intent of restricting the ability to exercise the rights granted by this license.
<p style="margin:0 0 5px;">This license prohibits use of the licensed software in aircraft-related applications.</p>

<p style="margin:0 0 5px;">This license prohibits use of the licensed software in medical facilities and/or life support equipment.</p>

<p style="margin:0 0 5px;">This license prohibits use of the licensed software in a nuclear-power environment.</p>

<p style="margin:0 0 5px;">This license text includes export controls.</p>
<h2>Policies</h2>

<div class="well well-sm">
<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large"></i>
<strong>Patent - Rights Impairment</strong>
<p style="margin:0 0 5px;">This license has terms that may impair your patent rights if you redistribute
the licensed software, since the license terms may require you to convey your patent rights along with redistribution
of the licensed software, or otherwise constrain the enforcement ability of your patent rights.</p>
</div>
</div>

<div class="well well-sm">
<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large"></i>
<strong>Patent - License Termination</strong>
<p style="margin:0 0 5px;">This license may end automatically if you bring a patent claim against any
contributor over patents that you claim are infringed by the licensed software; your patent license from such
contributor to the licensed software may also end automatically.</p>
</div>
</div>

<h2>Information</h2>

<div class="well well-sm">
<div class="tag-True">
<i class="icon-ok-sign color-true icon-large"></i>
<strong>Warranty Disclaimer</strong>
<p style="margin:0 0 5px;">This license text includes a warranty disclaimer.</p>
</div>
</div>

<p style="margin:0 0 5px;">This license text includes a warranty disclaimer.</p>
<p>This license says that you agree to indemnify, hold harmless and defend the licensor from and against any loss, damage, claims or lawsuits, including attorney's fees that arise or result from your use or distribution of the licensed software.</p>

<p>This license has specific terms that apply when the software is used or deployed over a network. Few licenses have such terms; examples include Affero GPL, OSL and the Common Public Attribution License (CPAL 1.0).
</p>

<p>This license states that the author conveys a grant of patent rights without constraining the use of patents held by a recipient.</p>

<p>This license explicitly warns that the license does not convey a patent grant and that such a grant and/or royalty payments are probably required.</p>
<div class="tag-True" >
<i class="icon-ok-sign color-true icon-large"></i>&nbsp;
<strong>GPL Compatible</strong>
</div>

<p style="margin:0 0 5px;">This license is compatible with the GPL; that is, software licensed under this license can be combined with a program under the GPL without conflict, and the new combination would have the GPL applied to the whole. The primary authority for compatibility is FSF.</p>

</div>

<div class="tag-False" style="display: none;">
<i class="icon-circle-blank color-false icon-large"></i>&nbsp;
<strong>Exceptions</strong>

<p style="margin:0 0 5px;">This license is based upon another license with specific exceptions. Examples include exceptions to the GPL 2.0, such as the GCC Runtime Exception or the Classpath Exception.</p>
</div>

</div>

</div>

</div>

</dl class="dl-horizontal">
<dt>
<span class="help_text" data-toggle="tooltip" data-original-title="Homepage URL for the license.">
Homepage URL
</span>
</dt>
<dd>
<pre>&nbsp;</pre>&nbsp;</dd>
</dl>
<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="A URL to a page that documents your organization's policies and procedures that relate to the obligations and restrictions associated with this license or with similar licenses.">
  Guidance URL
  </span>
</dt>
<dd><pre>&nbsp;</pre></dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="Other URLs that identify this license, such as URLs to this license in different open-source projects. Obsolete links may be kept here, as they may be useful for historical analysis purpose.">
  Other URLs
  </span>
</dt>
<dd><pre>&nbsp;</pre></dd>

</div>

<div class="tab-pane" id="tab_owner">

<dl class="dl-horizontal">
  <dt>
    <span class="help_text" data-toggle="tooltip" data-original-title="The unique user-maintained name of the author, custodian, or provider of one or more software objects (licenses, components, products).">
    Name
    </span>
  </dt>
  <dd>
    <a href="/owners/public/Indiana+University/"&gt;Indiana University&lt;/a&gt;
  </dd>
</dl>

</div>
<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="The homepage URL of the owner.">
    Homepage URL
  </span>
</dt>
<dd>
  <pre><a target="_blank" href="http://www.extreme.indiana.edu/" rel="nofollow">http://www.extreme.indiana.edu/</a></pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="An owner type differentiates individuals, ongoing businesses, and dynamic organizations (such as software projects). An owner of any type can be associated with a license, component, or product. An owner can also be the parent of any other owner.">
    Type
  </span>
</dt>
<dd>
  <pre>Organization</pre>
</dd>

<dt>
  <span class="help_text" data-toggle="tooltip" data-original-title="Information, frequently a dedicated email address, about contacting an owner for license clarifications and permissions.">
    Contact information
  </span>
</dt>
<dd>
  <pre><a target="_blank" href="http://www.extreme.indiana.edu/" rel="nofollow">http://www.extreme.indiana.edu/</a></pre>
</dd>
<dt>
    <span class="help_text" data-toggle="tooltip" data-original-title="Alternative spellings of the name of the owner as a comma-separated list.">
        Alias
    </span>
</dt>
<dd>
    <pre>Extreme Computing</pre>
</dd>

<dt>
    <span class="help_text" data-toggle="tooltip" data-original-title="Extended notes about an owner.">
        Notes
    </span>
</dt>
<dd>
    <pre>Extreme! Computing
High Performance Distributed and Parallel Systems Research
Department of Computer Science
Indiana University
</pre>
</dd>
Note that the search value you enter is not case sensitive. 

\texttt{apache} and \texttt{Apache} and \texttt{APACHE} are equivalent values for search purposes.

The search starts with a simple case-insensitive containment search on the Name field of the application object (Component, License, Owner, Package, Product, "Global"), ordering the results by exact match first. 

If the simple search returns nothing, a second step searches the application object by field ranking, using fields in the application object that help identify it.

Search results are ordered by:

- exact matches
- word matches
- text string matches

alphabetically within each group.

You can also filter search results by various column headers, selecting one or more values for that purpose, optionally using "type ahead" to quickly find the value you want. DejaCode limits the values you can select for filtering by those that will actually return results. You can use the column filters with or without a value in the search field. You can clear any filter simply by clicking the "x" on the label that identifies an active filter.

You can reorder the search results simply by clicking the up or down arrow next to a column header.

Note that, unlike a Google search, DejaCode will not try to guess what you intended if your spelling of search text is not accurate - e.g. DejaCode will not return results for a mis-spelled search value.
Copyright 2017 nexB Inc. DejaCode is a trademark of nexB Inc.<br>

No content on DejaCode should be considered or used as legal advice. Consult an Attorney for any legal advice.

</p>
</div>
</div>

<!-- Scripts: placed at the end of the document so the pages load faster -->
<script src="/static/bootstrap/js/bootstrap.min.js"></script>
<script src="/static/js/underscore-min.js"></script>
<script src="/static/js/underscore.string.min.js"></script>
<script>
NEXB = {};
NEXB.client_data = {
"license_pk": 13295,
"api_url": "/api/v2/",
"annotation_pks": [28134]
};
$(document).ready(function() {
  // Search selection in the header
  $('#search-selector-list > li > a').click(function(event) {
    event.preventDefault();
    $('#search-form').attr('action', $(this).attr('href'));
    $('#search-selector-content').html($(this).html());
    $('#search-input').focus();
  });
  // Enables all popovers
  $('[data-toggle="popover"]').popover({
    html: true,
    container: 'body'
  });
  // Set the focus on the search bar when pressing the "s" key
  $(document).keydown(function(e) {
    // Do not trigger the navigation if an <input> or <textarea> currently has the focus
    var any_input_has_focus = (function() {return $('input,textarea').is(':focus')});
    if (e.keyCode == 83 && !any_input_has_focus()) {
      e.preventDefault();
      $('#search-input').focus();
    }
  });
});
</script>
$(document).ready(function() {
// Check if a hash is present in the url
if (document.location.hash == "") {
    // If not set the tab to the first one
    $('#details_tab a:first').tab('show');
} else {
    // Building a jQuery selector based on a combination of the hash and the 'tab_' prefix
    // This prefix is used to avoid auto scrolling when coming from an URL containing
    // a tab in the hash.
    var selector = 'a[href="#tab_" + document.location.hash.slice(1) + "]"]';
    // If an object is return, set the active tab on it
    if ($(selector).length) $(selector).tab('show');
    else $('#details_tab a:first').tab('show');
}
// When changing the active tab, reflect the change in the url
$('a[data-toggle="tab"]').on('shown', function (e) {
    /* Clean the 'tab_' prefix from the href before injecting it in the hash */
    document.location.hash = $(e.target).attr('href').replace('tab_", "');
});

// Left and Right keys navigation

$('help_text').tooltip({ container: 'body', placement: 'right'});
$('btn-toolbar a.btn').tooltip({container: 'body', placement: 'top'});
/* Policy tooltip */
$('[data-toggle="tooltip"]').tooltip({placement: 'bottom', container: 'body'});

$('#toggle-details')
.tooltip({container: 'body', placement: 'top'})
.on('click', function() {
    $('extra-details').toggle();
});
});

$(licensetext .row-fluid .span11').annotator({readOnly: true}).data('annotator');
annotator.addPlugin('Store', {
    prefix: NEXB.client_data.api_url,
urls: {
search: 'license_annotations/?format=json'
},
loadFromSearch: {
license: NEXB.client_data.license_pk
}
});
annotator.addPlugin('TagsInSelect', {
// ``values`` is required, but since we are using
// read-only mode, an empty array is fine
values: []
});
Annotator.Plugin.AnonymousPlugin = (function () {
// This plugin exists so that we can use the annotationsLoaded event
function AnonymousPlugin(element, options) {
// Call the Annotator.Plugin constructor this sets up the .element and
// .options properties.
Annotator.Plugin.apply(this, arguments);
}
// Set the plugin prototype. This gives us all of the Annotator.Plugin methods.
AnonymousPlugin.prototype = new Annotator.Plugin();
AnonymousPlugin.prototype.pluginInit = function () {
this.subscribe('annotationsLoaded', function (annotations) {
var position_anchors = function () {
_.each(NEXB.client_data.annotation_pks, function (pk, index, list) {
var top = $(_.string.sprintf('span.annotator-hl[data-annotation-id="%s"]', pk)).offset().top;
var anchor = $(_.string.sprintf('.reverse_annotation_link[data-annotation-id="%s"]', pk));
anchor.offset({top: top}).css('display', 'block').css('width', '100%').css('padding-left', '80%');
});
};
_.each(NEXB.client_data.annotation_pks, function (pk, index, list) {
var anchor = $(_.string.sprintf('<a class="reverse_annotation_link" title="See license tag"
data-annotation-id="%s"><i class="icon-tag"></i></a>', pk));
anchor.on('click', function () {
// Activate and show the license-conditions tab
$('#details_tab').find('a[href="#tab_license-conditions"]').tab('show');
// Locate the related annotation link
var annotation_link = $(_.string.sprintf('a.annotation_link[data-annotation-id="%s"]', pk));
var link_position = annotation_link.offset().top;
// Scroll the body position to the link
// "html" is for Firefox compatibility and "body" for webkit
$('html,body').scrollTop(link_position - 80);
});

Open Source Used In OneID 1.0.1

962


$("#licensetext .row-fluid .span1").append(anonymous);

// If the page is loaded on the license text tab, position the reverse annotation links
if (top.location.hash === '#license-text') {
    position_anchors();
}

$('a[href="#tab_license-text"]').on('shown', function (e) {
    position_anchors();
});

return AnonymousPlugin;

annotator.addPlugin('AnonymousPlugin');

$(document).ready(function () {
    // Setup for the annotations links
    $('.annotation_link').on('click', function (e) {
        // Activate and show the license-text tab
        $('#details_tab').find('a[href="#tab_license-text"]').tab('show');
        // Locate the related annotation position
        var annotation_pk = $(this).attr('data-annotation-id');
        var annotator_span = $('span.annotator-hl[data-annotation-id=' + annotation_pk + ']').offset().top;
        // Scroll the body position to the annotation
        // "html" is for Firefox compatibility and "body" for webkit
        $('html,body').scrollTop(annotator_span - 80);
    });
});

<!-- Google analytics -->
<script>
var _gaq = _gaq || [];

_gaq.push(['_setAccount', 'UA-48483931-1']);

_gaq.push(['_setDomainName', 'dejacode.com']);

_gaq.push(['_trackPageview']);
(function() {
var ga = document.createElement('script'); ga.type = 'text/javascript'; ga.async = true;
var s = document.getElementsByTagName('script')[0]; s.parentNode.insertBefore(ga, s);
})();

</script>

</body>
</html>

<!DOCTYPE html PUBLIC "-/W3C//DTD XHTML 1.0 Strict/EN"
"http://www.w3.org/TR/xhtml1/DTD/xhtml1-strict.dtd">

<html xmlns="http://www.w3.org/1999/xhtml" xml:lang="en" lang="en">
<head>
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<title>GNU General Public License v2.0 - GNU Project - Free Software Foundation (FSF)</title>
<link rel="alternate" type="application/rdf+xml"
href="http://www.gnu.org/licenses/old-licenses/gpl-2.0.rdf" />
</head>
<body>
<h3><a id="SEC1">GNU GENERAL PUBLIC LICENSE</a></h3>
<p>Version 2, June 1991</p>

<pre>
Copyright (C) 1989, 1991 Free Software Foundation, Inc.
51 Franklin Street, Fifth Floor, Boston, MA  02110-1301, USA

Everyone is permitted to copy and distribute verbatim copies
of this license document, but changing it is not allowed.
</pre>

<h3 id="preamble"><a id="SEC2">Preamble</a></h3>
<p>The licenses for most software are designed to take away your
freedom to share and change it.  By contrast, the GNU General Public
License is intended to guarantee your freedom to share and change free
software--to make sure the software is free for all its users.  This
General Public License applies to most of the Free Software
Foundation's software and to any other program whose authors commit to
using it.  (Some other Free Software Foundation software is covered by
the GNU Lesser General Public License instead.) You can apply it to
your programs, too.
</p>

<p>

</p>
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.
</p>

<h3 id="terms"><a id="SEC3">TERMS AND CONDITIONS FOR COPYING, DISTRIBUTION AND MODIFICATION</a></h3>

<p id="section0">
<strong>0.</strong> 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".
</p>

<p>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.</p>

<p id="section1">
<strong>1.</strong> 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.
</p>

<p>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.
</p>

<p id="section2">
<strong>2.</strong>
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:

- You must cause the modified files to carry prominent notices stating that you changed the files and the date of any change.
- 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.
- 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.

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:

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,

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,

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.)
</dd>
</dl>

<p>
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.
</p>

<p>
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.
</p>

<p id="section4">
<p id="section5">
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.
</p>

<p id="section5">
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.
<p><strong>6.</strong> 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.</p>

<p><strong>7.</strong> 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.</p>

<p>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.</p>

<p>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.</p>
<p>This section is intended to make thoroughly clear what is believed to be a consequence of the rest of this License.</p>

<p id="section8"><strong>8.</strong> 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.</p>

<p id="section9"><strong>9.</strong> 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.</p>

<p>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.</p>

<p id="section10"><strong>10.</strong> 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.</p>

<p id="section11"><strong>NO WARRANTY</strong></p>
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.

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.

```
<var>one line to give the program's name and an idea of what it does.</var>
Copyright (C) <var>yyyy</var> <var>name of author</var>
```

This program is free software; you can redistribute it and/or
modify it under the terms of the GNU General Public License
as published by the Free Software Foundation; either version 2
of the License, or (at your option) any later version.

This program is distributed in the hope that it will be useful,
but WITHOUT ANY WARRANTY; without even the implied warranty of
MERCHANTABILITY or FITNESS FOR A PARTICULAR PURPOSE. See the
GNU General Public License for more details.

You should have received a copy of the GNU General Public License
along with this program; if not, write to the Free Software
Foundation, Inc., 51 Franklin Street, Fifth Floor, Boston, MA 02110-1301, USA.
</pre>

<p>
Also add information on how to contact you by electronic and paper mail.
</p>

<p>
If the program is interactive, make it output a short notice like this
when it starts in an interactive mode:
</p>

<pre>
Gnomovision version 69, Copyright (C) <var>year</var> <var>name of author</var>
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.
</pre>

<p>
The hypothetical commands <samp>`show w'</samp> and <samp>`show c'</samp> should show
the appropriate parts of the General Public License. Of course, the
commands you use may be called something other than <samp>`show w'</samp> and
<samp>`show c'</samp>; they could even be mouse-clicks or menu items--whatever
suits your program.
</p>

<p>
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:
</p>

<pre>
Yoyodyne, Inc., hereby disclaims all copyright
interest in the program ‘Gnomovision’
(which makes passes at compilers) written
by James Hacker.

<var>signature of Ty Coon</var>, 1 April 1989
Ty Coon, President of Vice
</pre>

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
<a href="http://www.gnu.org/licenses/lgpl.html">GNU Lesser General Public License</a> instead of this License.

Common Public License Version 1.0

THE ACCOMPANYING PROGRAM IS PROVIDED UNDER THE TERMS OF THIS COMMON 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 a Contributor with respect to a patent applicable to software (including a cross-claim or counterclaim in a
lawsuit), then any patent licenses granted by that Contributor to such Recipient under this Agreement shall terminate as of the date such litigation is filed. In addition, 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. IBM is the initial Agreement Steward. IBM 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.

<!DOCTYPE html>
<html lang="en" dir="ltr">
<head profile="http://www.w3.org/1999/xhtml/vocab">
<meta http-equiv="Content-Type" content="text/html; charset=utf-8" />
<meta name="viewport" content="width=device-width, initial-scale=1" />
<link rel="shortcut icon" href="https://opensource.org/files/osi_favicon.png" type="image/png" />
<meta name="HandheldFriendly" content="true" />
<link rel="shortlink" href="/node/568" />
<meta name="Generator" content="Drupal 7 (http://drupal.org)" />
<link rel="canonical" href="/licenses/bsd-3-clause" />

Open Source Used In OneID 1.0.1
The 3-Clause BSD License

SPDX short identifier: BSD-3-Clause

Further resources on the 3-clause BSD license
if (confirm("Disclaimer: While the OSI acknowledges these as potentially helpful resources for the community, it does not endorse any content, contributors or license interpretations from these websites. Any links to these resources across opensource.org are solely for navigational purposes. The OSI does not promote or exclusively favor any of the mentioned resources, but instead provides them as separate third-party resource to help inform your opinion. Any content from or links to these resources are separate from the OSI, exist for purely informational purposes and creates no attorney-client relationship between you, the OSI or the resources. If you have questions about how licenses apply to you or your organization, you should seek legal advice. ") == true) {
  x = "<br><p>The following are other community resources that may be helpful:<br><a href=https://tldrlegal.com/license/bsd-3-clause-license-%28revised%29 style='font-weight: bold;'>The 3-clause BSD license on TLDRLegal</a><br><a href=http://www.gnu.org/licenses/license-list.en.html>GNU License List</a><br><a href=https://en.wikipedia.org/wiki/Comparison_of_free_and_open-source_software_licenses>Wikipedia License List</a><br><a href=http://oss-watch.ac.uk/apps/licdiff/>OSSWatch License Diff</a><br><a href=choosealicense.com>Choosealicense</a>";
} else {
  x = " ";
}
document.getElementById("demo").innerHTML = x;

//--><!]]>
</script></div>

<p><em>Note: This license has also been called the "New BSD License" or "Modified BSD License". See also the <a href="https://opensource.org/licenses/BSD-2-Clause">2-clause BSD License</a>.</em></p>

<p>Copyright <YEAR> <COPYRIGHT HOLDER><br /></p>

<p>Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:</p>

<p>1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.</p>

<p>2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.</p>

<p>3. Neither the name of the copyright holder nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.</p>

<p>THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT HOLDER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN
IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.</p>
<!-- EOF: #subfooter-left -->

<!-- EOF: #subfooter-inside -->

</div>
</div>
</div>
</div>
</footer>
<!-- EOF:#subfooter -->

<html>
<head>
<META http-equiv="Content-Type" content="text/html; charset=utf-8">
<meta http-equiv="Content-Type" content="text/html;charset=utf-8">
<link rel="stylesheet" type="text/css" href="licenses.css">
</head>
<body>
<h2>Wildfly Core 3.0.8.Final</h2>
<p>The following material has been provided for informational purposes only, and should not be relied upon or construed as a legal opinion or legal advice.</p>
<table>
<tr>
<th>Package Group</th>
<th>Package Artifact</th>
<th>Package Version</th>
<th>Remote Licenses</th>
<th>Local Licenses</th>
</tr>
<tr>
<td>com.fasterxml.woodstox</td>
<td>woodstox-core</td>
<td>5.0.3</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">The Apache License, Version 2.0</a></td>
<td><a href="the apache license, version 2.0.txt">the apache license, version 2.0.txt</a></td>
</tr>
</table>

//-->&lt;![CDATA[// &gt;&lt;!--
_uacct = "UA-3916956-1";
urchinTracker();
//-->&lt;![CDATA[// &gt;&lt;!--

</script></head>
</html>
<table>
<thead>
<tr>
<th>Package Name</th>
<th>Module Name</th>
<th>Version</th>
<th>License</th>
<th>License File</th>
</tr>
</thead>
<tbody>
<tr>
<td>io.undertow</td>
<td>undertow-core</td>
<td>1.4.18.Final</td>
<td>Apache License Version 2.0</td>
<td>apache license version 2.0.txt</td>
</tr>
<tr>
<td>org.codehaus.woodstox</td>
<td>stax2-api</td>
<td>3.1.4</td>
<td>The BSD License</td>
<td>the bsd license.txt</td>
</tr>
<tr>
<td>org.fusesource.jansi</td>
<td>jansi</td>
<td>1.16</td>
<td>The Apache Software License, Version 2.0</td>
<td>the apache software license, version 2.0.txt</td>
</tr>
<tr>
<td>org.glassfish</td>
<td>javax.json</td>
<td>1.0.4</td>
<td>Dual license consisting of the CDDL v1.1 and GPL v2</td>
<td>dual license consisting of the cddl v1.1 and gpl v2.txt</td>
</tr>
<tr>
<td>org.jboss.aesh</td>
<td>aesh</td>
<td>0.66.19</td>
<td>Apache License, Version 2.0</td>
<td>apache license, version 2.0.txt</td>
</tr>
<tr>
<td>org.jboss.classfilewriter</td>
<td>jboss-classfilewriter</td>
<td>1.2.1.Final</td>
<td>Apache License, Version 2.0</td>
<td>apache license, version 2.0.txt</td>
</tr>
<tr>
<td>Package</td>
<td>Name</td>
<td>Version</td>
<td>License(s)</td>
<td>License Links</td>
</tr>
<tr>
<td>--------------</td>
<td>-----------------------</td>
<td>---------------</td>
<td>------------------------------------------------</td>
<td>---------------------------------------------------</td>
</tr>
<tr>
<td>org.jboss.invocation</td>
<td>jboss-invocation</td>
<td>1.5.0.Final</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">apache license 2.0.txt</a></td>
</tr>
<tr>
<td>org.jboss</td>
<td>jandex</td>
<td>2.0.3.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License, Version 2.0</a></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">apache license, version 2.0.txt</a></td>
</tr>
<tr>
<td>org.jboss</td>
<td>jboss-dmr</td>
<td>1.4.1.Final</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 only</a> <a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">gnu lesser general public license v2.1 only.txt</a> <a href="http://repository.jboss.org/licenses/apache-2.0.txt">apache license 2.0.txt</a></td>
</tr>
<tr>
<td>org.jboss</td>
<td>jboss-vfs</td>
<td>3.2.12.Final</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">asl</a></td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">asl.txt</a></td>
</tr>
<tr>
<td>org.jboss.logging</td>
<td>jboss-logging</td>
<td>3.3.1.Final</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License, version 2.0</a></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">apache license, version 2.0.txt</a></td>
</tr>
<tr>
<td>Package Name</td>
<td>Module</td>
<td>Version</td>
<td>License</td>
<td>License Link</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------------</td>
<td>------------------</td>
<td>----------------------------------------------</td>
<td>---------------------------------------------------------------</td>
</tr>
<tr>
<td>org.jboss.logging</td>
<td>jul-to-slf4j-stub</td>
<td>1.0.1.Final</td>
<td>Public Domain</td>
<td><a href="http://repository.jboss.org/licenses/cc0-1.0.txt">Public Domain</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>[Public Domain.txt](public domain.txt)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.logmanager</td>
<td>commons-logging-jboss-logmanager</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.0.2.Final</td>
<td>[Apache License 2.0.txt](apache license 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.logmanager</td>
<td>jboss-logmanager</td>
<td>Apache License Version 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License Version 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.0.7.Final</td>
<td>[Apache License Version 2.0.txt](apache license version 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.logmanager</td>
<td>log4j-jboss-logmanager</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>1.1.4.Final</td>
<td>[Apache License 2.0.txt](apache license version 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.marshalling</td>
<td>jboss-marshalling</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.0.2.Final</td>
<td>[Apache License 2.0.txt](apache license version 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.marshalling</td>
<td>jboss-marshalling-river</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td>2.0.2.Final</td>
<td>[Apache License 2.0.txt](apache license version 2.0.txt)</td>
<td></td>
</tr>
<tr>
<td>JAR Name</td>
<td>Library Name</td>
<td>Version</td>
<td>License</td>
<td>License File</td>
</tr>
<tr>
<td>-------------------------------</td>
<td>----------------------------------</td>
<td>---------------</td>
<td>--------------------------------------------------------------</td>
<td>----------------------------------------</td>
</tr>
<tr>
<td>org.jboss.modules</td>
<td>jboss-modules</td>
<td>1.6.1.Final</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td>Indiana University Extreme! Lab Software License 1.1.1</td>
<td><a href="http://www.bearcave.com/software/java/xml/xmlpull_license.html">http://www.bearcave.com/software/java/xml/xmlpull_license.html</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.modules</td>
<td>1.6.1.Final</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.msc</td>
<td>1.2.7.SP1</td>
<td>Public Domain</td>
<td>public domain.txt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.remoting</td>
<td>5.0.5.Final</td>
<td>Apache License 2.0</td>
<td>apache license 2.0.txt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.remotingjmx</td>
<td>3.0.0.Final</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td>gnu lesser general public license v2.1 or later.txt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.slf4j</td>
<td>1.0.3.GA</td>
<td>Public Domain</td>
<td>public domain.txt</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>org.jboss.spec.java.interceptor</td>
<td>1.0.0.Final</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>JAR Name</td>
<td>Version</td>
<td>License</td>
<td></td>
</tr>
<tr>
<td>--------------</td>
<td>-------------------</td>
<td>----------</td>
<td>-----------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.jboss.spec.javax.security.jacc</td>
<td>jboss-jacc-api_1.5_spec</td>
<td>1.0.1.Final</td>
<td><a href="http://repository.jboss.org/licenses/cddl.txt">Common Development and Distribution License</a> <a href="http://repository.jboss.org/licenses/gpl-2.0-ce.txt">GNU General Public License, Version 2 with the Classpath Exception</a></td>
<td></td>
</tr>
<tr>
<td>org.jboss</td>
<td>staxmapper</td>
<td>1.3.0.Final</td>
<td><a href="http://repository.jboss.org/licenses/cc0-1.0.txt">Public Domain</a></td>
<td></td>
</tr>
<tr>
<td>org.jboss.stdio</td>
<td>jboss-stdio</td>
<td>1.0.2.GA</td>
<td><a href="http://repository.jboss.org/licenses/cc0-1.0.txt">Public Domain</a></td>
<td></td>
</tr>
<tr>
<td>org.jboss.threads</td>
<td>jboss-threads</td>
<td>2.2.1.Final</td>
<td><a href="http://repository.jboss.org/licenses/cc0-1.0.txt">Public Domain</a></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Group Name</td>
<td>Version</td>
<td>License Link</td>
<td>License File</td>
</tr>
<tr>
<td>--------------</td>
<td>------------</td>
<td>---------</td>
<td>--------------</td>
<td>--------------</td>
</tr>
<tr>
<td>org.jboss.xnio</td>
<td>xnio-api</td>
<td>3.5.4.Final</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.jboss.xnio</td>
<td>xnio-nio</td>
<td>3.5.4.Final</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.picketbox</td>
<td>picketbox</td>
<td>5.0.2.Final</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">lgpl</a></td>
<td><a href="lgpl.txt">lgpl.txt</a></td>
</tr>
<tr>
<td>org.projectodd.vdx</td>
<td>vdx-core</td>
<td>1.1.6</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.projectodd.vdx</td>
<td>vdx-wildfly</td>
<td>1.1.6</td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License 2.0</a></td>
<td>[apache license 2.0.txt](apache license 2.0.txt)</td>
</tr>
<tr>
<td>org.slf4j</td>
<td>slf4j-api</td>
<td>1.7.22</td>
<td><a href="http://www.opensource.org/licenses/mit-license.php">MIT License</a></td>
<td>[MIT License](MIT License)</td>
</tr>
<tr>
<td>Package Name</td>
<td>Module Name</td>
<td>Version</td>
<td>License</td>
<td>License Location</td>
</tr>
<tr>
<td>------------------------------</td>
<td>-----------------</td>
<td>-----------</td>
<td>-----------------------------------</td>
<td>--------------------------------------------</td>
</tr>
<tr>
<td>org.wildfly.client</td>
<td>wildfly-client-config</td>
<td>1.0.0.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.common</td>
<td>wildfly-common</td>
<td>1.2.0.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-cli</td>
<td>3.0.8.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-controller</td>
<td>3.0.8.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-controller-client</td>
<td>3.0.8.Final</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
</tbody>
</table>
<table>
  <tr>
    <td>org.wildfly.core</td><td>wildfly-core-management-client</td><td>3.0.8.Final</td><td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
  </tr>
  <tr>
    <td>org.wildfly.core</td><td>wildfly-core-management-subsystem</td><td>3.0.8.Final</td><td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
  </tr>
  <tr>
    <td>org.wildfly.core</td><td>wildfly-core-model-test-framework</td><td>3.0.8.Final</td><td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td><td><a href="gnu lesser general public license v2.1 or later.txt">gnu lesser general public license v2.1 or later.txt</a></td>
  </tr>
</table>
<table>
<thead>
<tr>
<th>Package Name</th>
<th>License</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td>wildfly-core-security</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>License</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td>wildfly-core-security-api</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>License</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td>wildfly-deployment-repository</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Package Name</th>
<th>License</th>
<th>Additional Information</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td>wildfly-deployment-scanner</td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>Package Name</td>
<td>License Type</td>
<td>License Details</td>
</tr>
<tr>
<td>-------------------------</td>
<td>------------------------------------------------</td>
<td>---------------------------------------------------------------------------------</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License</a></td>
</tr>
<tr>
<td></td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License</a></td>
</tr>
<tr>
<td></td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License</a></td>
</tr>
<tr>
<td></td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License</a></td>
</tr>
<tr>
<td></td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License</a></td>
</tr>
<tr>
<td></td>
<td>Apache License 2.0</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Package Name</td>
<td>Project Name</td>
<td>Version</td>
</tr>
<tr>
<td>---------------------------</td>
<td>---------------------------</td>
<td>------------</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-elytron-integration</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-embedded</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-host-controller</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td>Package</td>
<td>Name</td>
<td>Version</td>
</tr>
<tr>
<td>-----------------</td>
<td>---------------</td>
<td>-----------</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-io</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-jmx</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-launcher</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>wildfly-logging</td>
<td>3.0.8.Final</td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Package</td>
<td>License</td>
<td></td>
</tr>
<tr>
<td>-------------------------</td>
<td>----------------------------------------------</td>
<td></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td><a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
<td></td>
</tr>
<tr>
<td>wildfly-management-client-content</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td></td>
</tr>
<tr>
<td>wildfly-network</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
<tr>
<td>wildfly-patching</td>
<td>GNU Lesser General Public License v2.1 or later</td>
<td></td>
</tr>
<tr>
<td>wildfly-platform-mbean</td>
<td>Apache License 2.0</td>
<td></td>
</tr>
</tbody>
</table>

Apache License 2.0

GNU Lesser General Public License v2.1 or later
<table>
<thead>
<tr>
<th>Package Name</th>
<th>Module Name</th>
<th>Version</th>
<th>License Information</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.gnu.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a></td>
</tr>
<tr>
<td></td>
<td></td>
<td></td>
<td><a href="http://www.apache.org/licenses/LICENSE-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>Package Name</td>
<td>Description</td>
<td>Version</td>
<td>Licenses</td>
</tr>
<tr>
<td>--------------</td>
<td>-------------</td>
<td>---------</td>
<td>----------</td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-request-controller</td>
<td>3.0.8.Final</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a> <a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-security-manager</td>
<td>3.0.8.Final</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a> <a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-server</td>
<td>3.0.8.Final</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a> <a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
<tr>
<td>org.wildfly.core</td>
<td>wildfly-threads</td>
<td>3.0.8.Final</td>
<td><a href="http://repository.jboss.org/licenses/lgpl-2.1.txt">GNU Lesser General Public License v2.1 or later</a> <a href="http://repository.jboss.org/licenses/apache-2.0.txt">Apache License 2.0</a></td>
</tr>
</tbody>
</table>

Open Source Used In OneID 1.0.1
<table>
<thead>
<tr>
<th>Package</th>
<th>License</th>
</tr>
</thead>
<tbody>
<tr>
<td>org.wildfly.core</td>
<td><a href="https://repository.jboss.org/licenses/lgpl-2.1.txt">https://repository.jboss.org/licenses/lgpl-2.1.txt</a></td>
</tr>
<tr>
<td>org.wildfly.discovery</td>
<td><a href="https://repository.jboss.org/licenses/apache-2.0.txt">https://repository.jboss.org/licenses/apache-2.0.txt</a></td>
</tr>
<tr>
<td>org.wildfly.openssl</td>
<td><a href="https://repository.jboss.org/licenses/apache-2.0.txt">https://repository.jboss.org/licenses/apache-2.0.txt</a></td>
</tr>
<tr>
<td>org.wildfly.openssl-linux-i386</td>
<td><a href="https://repository.jboss.org/licenses/apache-2.0.txt">https://repository.jboss.org/licenses/apache-2.0.txt</a></td>
</tr>
<tr>
<td>org.wildfly.openssl-linux-x86_64</td>
<td><a href="https://repository.jboss.org/licenses/apache-2.0.txt">https://repository.jboss.org/licenses/apache-2.0.txt</a></td>
</tr>
<tr>
<td>Package Name</td>
<td>Description</td>
</tr>
<tr>
<td>-------------</td>
<td>-------------</td>
</tr>
<tr>
<td>org.wildfly.openssl</td>
<td>wildfly-openssl-macosx-x86_64</td>
</tr>
<tr>
<td>org.wildfly.openssl</td>
<td>wildfly-openssl-solaris-sparcv9</td>
</tr>
<tr>
<td>org.wildfly.openssl</td>
<td>wildfly-openssl-solaris-x86_64</td>
</tr>
<tr>
<td>org.wildfly.openssl</td>
<td>wildfly-openssl-windows-i386</td>
</tr>
<tr>
<td>org.wildfly.openssl</td>
<td>wildfly-openssl-windows-x86_64</td>
</tr>
<tr>
<td>org.wildfly.security.elytron-web</td>
<td>undertow-server</td>
</tr>
</tbody>
</table>
The BSD License

The following is a BSD license template. To generate your own license, change the values of OWNER, ORGANIZATION and YEAR from their original values as given here, and substitute your own.

Note: The advertising clause in the license appearing on BSD Unix files was officially rescinded by the Director of the Office of Technology Licensing of the University of California on July 22 1999. He states that clause 3 is "hereby deleted in its entirety."

Note the new BSD license is thus equivalent to the MIT License, except for the no-endorsement final clause.

<OWNER> = Regents of the University of California
In the original BSD license, both occurrences of the phrase "COPYRIGHT HOLDERS AND CONTRIBUTORS" in the disclaimer read "REGENTS AND CONTRIBUTORS".

Here is the license template:

Copyright (c) <YEAR>, <OWNER>
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

* Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
* Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
* Neither the name of the <ORGANIZATION> nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

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, NONINFRINGEMENT, 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.

Eclipse Distribution License - v 1.0

Copyright (c) 2007, Eclipse Foundation, Inc. and its licensors.

All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:

Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
Neither the name of the Eclipse Foundation, Inc. nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.

THIS SOFTWARE IS PROVIDED BY THE COPYRIGHT HOLDERS AND CONTRIBUTORS "AS IS" AND ANY EXPRESS OR IMPLIED WARRANTIES, INCLUDING, BUT NOT LIMITED TO, THE IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE ARE DISCLAIMED. IN NO EVENT SHALL THE COPYRIGHT OWNER OR CONTRIBUTORS BE LIABLE FOR ANY DIRECT, INDIRECT, INCIDENTAL, SPECIAL, EXEMPLARY, OR CONSEQUENTIAL DAMAGES (INCLUDING, BUT NOT LIMITED TO, PROCUREMENT OF SUBSTITUTE GOODS OR SERVICES; LOSS OF USE, DATA, OR PROFITS; OR BUSINESS INTERRUPTION) HOWEVER CAUSED AND ON ANY THEORY OF LIABILITY, WHETHER IN CONTRACT, STRICT LIABILITY, OR TORT (INCLUDING NEGLIGENCE OR OTHERWISE) ARISING IN ANY WAY OUT OF THE USE OF THIS SOFTWARE, EVEN IF ADVISED OF THE POSSIBILITY OF SUCH DAMAGE.

ASM: a very small and fast Java bytecode manipulation framework
Copyright (c) 2000-2005 INRIA, France Telecom
All rights reserved.

Redistribution and use in source and binary forms, with or without modification, are permitted provided that the following conditions are met:
1. Redistributions of source code must retain the above copyright notice, this list of conditions and the following disclaimer.
2. Redistributions in binary form must reproduce the above copyright notice, this list of conditions and the following disclaimer in the documentation and/or other materials provided with the distribution.
3. Neither the name of the copyright holders nor the names of its contributors may be used to endorse or promote products derived from this software without specific prior written permission.
This version of the GNU Lesser General Public License incorporates
the terms and conditions of version 3 of the GNU General Public
License, supplemented by the additional permissions listed below.

0. Additional Definitions.

As used herein, "this License" refers to version 3 of the GNU Lesser
General Public License, and the "GNU GPL" refers to version 3 of the GNU
General Public License.

"The Library" refers to a covered work governed by this License,
other than an Application or a Combined Work as defined below.

An "Application" is any work that makes use of an interface provided
by the Library, but which is not otherwise based on the Library.
Defining a subclass of a class defined by the Library is deemed a mode
of using an interface provided by the Library.

A "Combined Work" is a work produced by combining or linking an
Application with the Library. The particular version of the Library
with which the Combined Work was made is also called the "Linked
Version".

The "Minimal Corresponding Source" for a Combined Work means the
Corresponding Source for the Combined Work, excluding any source code
for portions of the Combined Work that, considered in isolation, are
based on the Application, and not on the Linked Version.

The "Corresponding Application Code" for a Combined Work means the

object code and/or source code for the Application, including any data and utility programs needed for reproducing the Combined Work from the Application, but excluding the System Libraries of the Combined Work.

1. Exception to Section 3 of the GNU GPL.

You may convey a covered work under sections 3 and 4 of this License without being bound by section 3 of the GNU GPL.

2. Conveying Modified Versions.

If you modify a copy of the Library, and, in your modifications, a facility refers to a function or data to be supplied by an Application that uses the facility (other than as an argument passed when the facility is invoked), then you may convey a copy of the modified version:

a) under this License, provided that you make a good faith effort to ensure that, in the event an Application does not supply the function or data, the facility still operates, and performs whatever part of its purpose remains meaningful, or

b) under the GNU GPL, with none of the additional permissions of this License applicable to that copy.


The object code form of an Application may incorporate material from a header file that is part of the Library. You may convey such object code under terms of your choice, provided that, if the incorporated material is not limited to numerical parameters, data structure layouts and accessors, or small macros, inline functions and templates (ten or fewer lines in length), you do both of the following:

a) Give prominent notice with each copy of the object code that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the object code with a copy of the GNU GPL and this license document.


You may convey a Combined Work under terms of your choice that, taken together, effectively do not restrict modification of the portions of the Library contained in the Combined Work and reverse engineering for debugging such modifications, if you also do each of the following:
a) Give prominent notice with each copy of the Combined Work that the Library is used in it and that the Library and its use are covered by this License.

b) Accompany the Combined Work with a copy of the GNU GPL and this license document.

c) For a Combined Work that displays copyright notices during execution, include the copyright notice for the Library among these notices, as well as a reference directing the user to the copies of the GNU GPL and this license document.

d) Do one of the following:

0) Convey the Minimal Corresponding Source under the terms of this License, and the Corresponding Application Code in a form suitable for, and under terms that permit, the user to recombine or relink the Application with a modified version of the Linked Version to produce a modified Combined Work, in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.

1) Use a suitable shared library mechanism for linking with the Library. A suitable mechanism is one that (a) uses at run time a copy of the Library already present on the user's computer system, and (b) will operate properly with a modified version of the Library that is interface-compatible with the Linked Version.

e) Provide Installation Information, but only if you would otherwise be required to provide such information under section 6 of the GNU GPL, and only to the extent that such information is necessary to install and execute a modified version of the Combined Work produced by recombining or relinking the Application with a modified version of the Linked Version. (If you use option 4d0, the Installation Information must accompany the Minimal Corresponding Source and Corresponding Application Code. If you use option 4d1, you must provide the Installation Information in the manner specified by section 6 of the GNU GPL for conveying Corresponding Source.)


You may place library facilities that are a work based on the Library side by side in a single library together with other library facilities that are not Applications and are not covered by this License, and convey such a combined library under terms of your
choice, if you do both of the following:

a) Accompany the combined library with a copy of the same work based on the Library, uncombined with any other library facilities, conveyed under the terms of this License.

b) Give prominent notice with the combined library that part of it is a work based on the Library, and explaining where to find the accompanying uncombined form of the same work.

6. Revised Versions of the GNU Lesser General Public License.

The Free Software Foundation may publish revised and/or new versions of the GNU Lesser General Public License from time to time. Such new versions will be similar in spirit to the present version, but may differ in detail to address new problems or concerns.

Each version is given a distinguishing version number. If the Library as you received it specifies that a certain numbered version of the GNU Lesser General Public License "or any later version" applies to it, you have the option of following the terms and conditions either of that published version or of any later version published by the Free Software Foundation. If the Library as you received it does not specify a version number of the GNU Lesser General Public License, you may choose any version of the GNU Lesser General Public License ever published by the Free Software Foundation.

If the Library as you received it specifies that a proxy can decide whether future versions of the GNU Lesser General Public License shall apply, that proxy's public statement of acceptance of any version is permanent authorization for you to choose that version for the Library.

MOZILLA PUBLIC LICENSE

Version 1.1

1. Definitions.

1.0.1. "Commercial Use" means distribution or otherwise making the Covered Code available to a third party.

1.1. "Contributor" means each entity that creates or contributes to the creation of Modifications.

1.2. "Contributor Version" means the combination of the Original Code, prior Modifications used by a Contributor, and the Modifications made by that particular Contributor.
1.3. "Covered Code" means the Original Code or Modifications or the combination of the Original Code and Modifications, in each case including portions thereof.

1.4. "Electronic Distribution Mechanism" means a mechanism generally accepted in the software development community for the electronic transfer of data.

1.5. "Executable" means Covered Code in any form other than Source Code.

1.6. "Initial Developer" means the individual or entity identified as the Initial Developer in the Source Code notice required by Exhibit A.

1.7. "Larger Work" means a work which combines Covered Code or portions thereof with code not governed by the terms of this License.

1.8. "License" means this document.

1.8.1. "Licensable" means having the right to grant, to the maximum extent possible, whether at the time of the initial grant or subsequently acquired, any and all of the rights conveyed herein.

1.9. "Modifications" means any addition to or deletion from the substance or structure of either the Original Code or any previous Modifications. When Covered Code is released as a series of files, a Modification is:
   A. Any addition to or deletion from the contents of a file containing Original Code or previous Modifications.
   B. Any new file that contains any part of the Original Code or previous Modifications.

1.10. "Original Code" means Source Code of computer software code which is described in the Source Code notice required by Exhibit A as Original Code, and which, at the time of its release under this License is not already Covered Code governed by this License.

1.10.1. "Patent Claims" means any patent claim(s), now owned or hereafter acquired, including without limitation, method, process, and apparatus claims, in any patent Licensable by grantor.

1.11. "Source Code" means the preferred form of the Covered Code for making modifications to it, including all modules it contains, plus any associated interface definition files, scripts used to control compilation and installation of an Executable, or source code
differential comparisons against either the Original Code or another well known, available Covered Code of the Contributor's choice. The Source Code can be in a compressed or archival form, provided the appropriate decompression or de-archiving software is widely available for no charge.

1.12. "You" (or "Your") means an individual or a legal entity exercising rights under, and complying with all of the terms of, this License or a future version of this License issued under Section 6.1. For legal entities, "You" includes any entity which controls, is controlled by, or is under common control with You. For purposes of this definition, "control" means (a) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (b) ownership of more than fifty percent (50%) of the outstanding shares or beneficial ownership of such entity.

2. Source Code License.

2.1. The Initial Developer Grant.
The Initial Developer hereby grants You a world-wide, royalty-free, non-exclusive license, subject to third party intellectual property claims:

(a) under intellectual property rights (other than patent or trademark) Licensable by Initial Developer to use, reproduce, modify, display, perform, sublicense and distribute the Original Code (or portions thereof) with or without Modifications, and/or as part of a Larger Work; and

(b) under Patents Claims infringed by the making, using or selling of Original Code, to make, have made, use, practice, sell, and offer for sale, and/or otherwise dispose of the Original Code (or portions thereof).

(c) the licenses granted in this Section 2.1(a) and (b) are effective on the date Initial Developer first distributes Original Code under the terms of this License.

(d) Notwithstanding Section 2.1(b) above, no patent license is granted: 1) for code that You delete from the Original Code; 2) separate from the Original Code; or 3) for infringements caused by: i) the modification of the Original Code or ii) the combination of the Original Code with other software or devices.

2.2. Contributor Grant.
Subject to third party intellectual property claims, each Contributor hereby grants You a world-wide, royalty-free, non-exclusive license
(a) under intellectual property rights (other than patent or trademark) Licensable by Contributor, to use, reproduce, modify, display, perform, sublicense and distribute the Modifications created by such Contributor (or portions thereof) either on an unmodified basis, with other Modifications, as Covered Code and/or as part of a Larger Work; and

(b) under Patent Claims infringed by the making, using, or selling of Modifications made by that Contributor either alone and/or in combination with its Contributor Version (or portions of such combination), to make, use, sell, offer for sale, have made, and/or otherwise dispose of: 1) Modifications made by that Contributor (or portions thereof); and 2) the combination of Modifications made by that Contributor with its Contributor Version (or portions of such combination).

(c) the licenses granted in Sections 2.2(a) and 2.2(b) are effective on the date Contributor first makes Commercial Use of the Covered Code.

(d) Notwithstanding Section 2.2(b) above, no patent license is granted: 1) for any code that Contributor has deleted from the Contributor Version; 2) separate from the Contributor Version; 3) for infringements caused by: i) third party modifications of Contributor Version or ii) the combination of Modifications made by that Contributor with other software (except as part of the Contributor Version) or other devices; or 4) under Patent Claims infringed by Covered Code in the absence of Modifications made by that Contributor.

3. Distribution Obligations.

3.1. Application of License.
The Modifications which You create or to which You contribute are governed by the terms of this License, including without limitation Section 2.2. The Source Code version of Covered Code may be distributed only under the terms of this License or a future version of this License released under Section 6.1, and You must include a copy of this License with every copy of the Source Code You distribute. You may not offer or impose any terms on any Source Code version that alters or restricts the applicable version of this License or the recipients' rights hereunder. However, You may include an additional document offering the additional rights described in Section 3.5.

3.2. Availability of Source Code.
Any Modification which You create or to which You contribute must be made available in Source Code form under the terms of this License.
either on the same media as an Executable version or via an accepted Electronic Distribution Mechanism to anyone to whom you made an Executable version available; and if made available via Electronic Distribution Mechanism, must remain available for at least twelve (12) months after the date it initially became available, or at least six (6) months after a subsequent version of that particular Modification has been made available to such recipients. You are responsible for ensuring that the Source Code version remains available even if the Electronic Distribution Mechanism is maintained by a third party.

3.3. Description of Modifications.
You must cause all Covered Code to which You contribute to contain a file documenting the changes You made to create that Covered Code and the date of any change. You must include a prominent statement that the Modification is derived, directly or indirectly, from Original Code provided by the Initial Developer and including the name of the Initial Developer in (a) the Source Code, and (b) in any notice in an Executable version or related documentation in which You describe the origin or ownership of the Covered Code.

3.4. Intellectual Property Matters
(a) Third Party Claims.
If Contributor has knowledge that a license under a third party's intellectual property rights is required to exercise the rights granted by such Contributor under Sections 2.1 or 2.2, Contributor must include a text file with the Source Code distribution titled "LEGAL" which describes the claim and the party making the claim in sufficient detail that a recipient will know whom to contact. If Contributor obtains such knowledge after the Modification is made available as described in Section 3.2, Contributor shall promptly modify the LEGAL file in all copies Contributor makes available thereafter and shall take other steps (such as notifying appropriate mailing lists or newsgroups) reasonably calculated to inform those who received the Covered Code that new knowledge has been obtained.

(b) Contributor APIs.
If Contributor's Modifications include an application programming interface and Contributor has knowledge of patent licenses which are reasonably necessary to implement that API, Contributor must also include this information in the LEGAL file.

(c) Representations.
Contributor represents that, except as disclosed pursuant to Section 3.4(a) above, Contributor believes that Contributor's Modifications are Contributor's original creation(s) and/or Contributor has sufficient rights to grant the rights conveyed by this License.
3.5. Required Notices.
You must duplicate the notice in Exhibit A in each file of the Source Code. If it is not possible to put such notice in a particular Source Code file due to its structure, then You must include such notice in a location (such as a relevant directory) where a user would be likely to look for such a notice. If You created one or more Modification(s) You may add your name as a Contributor to the notice described in Exhibit A. You must also duplicate this License in any documentation for the Source Code where You describe recipients' rights or ownership rights relating to Covered Code. You may choose to offer, and to charge a fee for, warranty, support, indemnity or liability obligations to one or more recipients of Covered Code. However, You may do so only on Your own behalf, and not on behalf of the Initial Developer or any Contributor. You must make it absolutely clear than any such warranty, support, indemnity or liability obligation is offered by You alone, and You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of warranty, support, indemnity or liability terms You offer.

3.6. Distribution of Executable Versions.
You may distribute Covered Code in Executable form only if the requirements of Section 3.1-3.5 have been met for that Covered Code, and if You include a notice stating that the Source Code version of the Covered Code is available under the terms of this License, including a description of how and where You have fulfilled the obligations of Section 3.2. The notice must be conspicuously included in any notice in an Executable version, related documentation or collateral in which You describe recipients' rights relating to the Covered Code. You may distribute the Executable version of Covered Code or ownership rights under a license of Your choice, which may contain terms different from this License, provided that You are in compliance with the terms of this License and that the license for the Executable version does not attempt to limit or alter the recipient's rights in the Source Code version from the rights set forth in this License. If You distribute the Executable version under a different license You must make it absolutely clear that any terms which differ from this License are offered by You alone, not by the Initial Developer or any Contributor. You hereby agree to indemnify the Initial Developer and every Contributor for any liability incurred by the Initial Developer or such Contributor as a result of any such terms You offer.

3.7. Larger Works.
You may create a Larger Work by combining Covered Code with other code not governed by the terms of this License and distribute the Larger Work as a single product. In such a case, You must make sure the
requirements of this License are fulfilled for the Covered Code.

4. Inability to Comply Due to Statute or Regulation.

If it is impossible for You to comply with any of the terms of this License with respect to some or all of the Covered Code due to statute, judicial order, or regulation then You must: (a) comply with the terms of this License to the maximum extent possible; and (b) describe the limitations and the code they affect. Such description must be included in the LEGAL file described in Section 3.4 and must be included with all distributions of the Source Code. Except to the extent prohibited by statute or regulation, such description must be sufficiently detailed for a recipient of ordinary skill to be able to understand it.

5. Application of this License.

This License applies to code to which the Initial Developer has attached the notice in Exhibit A and to related Covered Code.

6. Versions of the License.

6.1. New Versions.
Netscape Communications Corporation ("Netscape") may publish revised and/or new versions of the License from time to time. Each version will be given a distinguishing version number.

6.2. Effect of New Versions.
Once Covered Code has been published under a particular version of the License, You may always continue to use it under the terms of that version. You may also choose to use such Covered Code under the terms of any subsequent version of the License published by Netscape. No one other than Netscape has the right to modify the terms applicable to Covered Code created under this License.

6.3. Derivative Works.
If You create or use a modified version of this License (which you may only do in order to apply it to code which is not already Covered Code governed by this License), You must (a) rename Your license so that the phrases "Mozilla", "MOZILLA/MPL", "MOZPL", "Netscape", "MPL", "NPL" or any confusingly similar phrase do not appear in your license (except to note that your license differs from this License) and (b) otherwise make it clear that Your version of the license contains terms which differ from the Mozilla Public License and Netscape Public License. (Filling in the name of the Initial Developer, Original Code or Contributor in the notice described in Exhibit A shall not of themselves be deemed to be modifications of this License.)
7. DISCLAIMER OF WARRANTY.

COVERED CODE IS PROVIDED UNDER THIS LICENSE ON AN "AS IS" BASIS, WITHOUT WARRANTY OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, WITHOUT LIMITATION, WARRANTIES THAT THE COVERED CODE IS FREE OF DEFECTS, MERCHANTABLE, FIT FOR A PARTICULAR PURPOSE OR NON-INFRINGEMENT. THE ENTIRE RISK AS TO THE QUALITY AND PERFORMANCE OF THE COVERED CODE IS WITH YOU. SHOULD ANY COVERED CODE PROVE DEFECTIVE IN ANY RESPECT, YOU (NOT THE INITIAL DEVELOPER OR ANY OTHER CONTRIBUTOR) ASSUME THE COST OF ANY NECESSARY SERVICING, REPAIR OR CORRECTION. THIS DISCLAIMER OF WARRANTY CONSTITUTES AN ESSENTIAL PART OF THIS LICENSE. NO USE OF ANY COVERED CODE IS AUTHORIZED HEREUNDER EXCEPT UNDER THIS DISCLAIMER.

8. TERMINATION.

8.1. This License and the rights granted hereunder will terminate automatically if You fail to comply with terms herein and fail to cure such breach within 30 days of becoming aware of the breach. All sublicenses to the Covered Code which are properly granted shall survive any termination of this License. Provisions which, by their nature, must remain in effect beyond the termination of this License shall survive.

8.2. If You initiate litigation by asserting a patent infringement claim (excluding declaratory judgment actions) against Initial Developer or a Contributor (the Initial Developer or Contributor against whom You file such action is referred to as "Participant") alleging that:

(a) such Participant's Contributor Version directly or indirectly infringes any patent, then any and all rights granted by such Participant to You under Sections 2.1 and/or 2.2 of this License shall, upon 60 days notice from Participant terminate prospectively, unless if within 60 days after receipt of notice You either: (i) agree in writing to pay Participant a mutually agreeable reasonable royalty for Your past and future use of Modifications made by such Participant, or (ii) withdraw Your litigation claim with respect to the Contributor Version against such Participant. If within 60 days of notice, a reasonable royalty and payment arrangement are not mutually agreed upon in writing by the parties or the litigation claim is not withdrawn, the rights granted by Participant to You under Sections 2.1 and/or 2.2 automatically terminate at the expiration of the 60 day notice period specified above.

(b) any software, hardware, or device, other than such Participant's Contributor Version, directly or indirectly infringes any patent, then any rights granted to You by such Participant under Sections 2.1(b) and 2.2(b) are revoked effective as of the date You first made, used,
sold, distributed, or had made. Modifications made by that Participant.

8.3. If You assert a patent infringement claim against Participant alleging that such Participant's Contributor Version directly or indirectly infringes any patent where such claim is resolved (such as by license or settlement) prior to the initiation of patent infringement litigation, then the reasonable value of the licenses granted by such Participant under Sections 2.1 or 2.2 shall be taken into account in determining the amount or value of any payment or license.

8.4. In the event of termination under Sections 8.1 or 8.2 above, all end user license agreements (excluding distributors and resellers) which have been validly granted by You or any distributor hereunder prior to termination shall survive termination.

9. LIMITATION OF LIABILITY.

UNDER NO CIRCUMSTANCES AND UNDER NO LEGAL THEORY, WHETHER TORT (INCLUDING NEGLIGENCE), CONTRACT, OR OTHERWISE, SHALL YOU, THE INITIAL DEVELOPER, ANY OTHER CONTRIBUTOR, OR ANY DISTRIBUTOR OF COVERED CODE, OR ANY SUPPLIER OF ANY OF SUCH PARTIES, BE LIABLE TO ANY PERSON FOR ANY INDIRECT, SPECIAL, INCIDENTAL, OR CONSEQUENTIAL DAMAGES OF ANY CHARACTER INCLUDING, WITHOUT LIMITATION, DAMAGES FOR LOSS OF GOODWILL, WORK STOPPAGE, COMPUTER FAILURE OR MALFUNCTION, OR ANY AND ALL OTHER COMMERCIAL DAMAGES OR LOSSES, EVEN IF SUCH PARTY SHALL HAVE BEEN INFORMED OF THE POSSIBILITY OF SUCH DAMAGES. THIS LIMITATION OF LIABILITY SHALL NOT APPLY TO LIABILITY FOR DEATH OR PERSONAL INJURY RESULTING FROM SUCH PARTY'S NEGLIGENCE TO THE EXTENT APPLICABLE LAW PROHIBITS SUCH LIMITATION. SOME JURISDICTIONS DO NOT ALLOW THE EXCLUSION OR LIMITATION OF INCIDENTAL OR CONSEQUENTIAL DAMAGES, SO THIS EXCLUSION AND LIMITATION MAY NOT APPLY TO YOU.

10. U.S. GOVERNMENT END USERS.


11. MISCELLANEOUS.

This License represents the complete agreement concerning subject matter hereof. If any provision of this License is held to be
12. RESPONSIBILITY FOR CLAIMS.

As between Initial Developer and the Contributors, each party is responsible for claims and damages arising, directly or indirectly, out of its utilization of rights under this License and You agree to work with Initial Developer and Contributors to distribute such responsibility on an equitable basis. Nothing herein is intended or shall be deemed to constitute any admission of liability.

13. MULTIPLE-LICENSED CODE.

Initial Developer may designate portions of the Covered Code as "Multiple-Licensed". "Multiple-Licensed" means that the Initial Developer permits you to utilize portions of the Covered Code under Your choice of the NPL or the alternative licenses, if any, specified by the Initial Developer in the file described in Exhibit A.

EXHIBIT A -Mozilla Public License.

```
The contents of this file are subject to the Mozilla Public License Version 1.1 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at http://www.mozilla.org/MPL/

Software distributed under the License is distributed on an "AS IS" basis, WITHOUT WARRANTY OF ANY KIND, either express or implied. See the License for the specific language governing rights and limitations under the License.

The Original Code is ______________________________________
```
The Initial Developer of the Original Code is ________________________.
Portions created by ______________________ are Copyright (C) ______
_______________________. All Rights Reserved.

Contributor(s): ________________________________

Alternatively, the contents of this file may be used under the terms
of the _____ license (the "[___] License"), in which case the
provisions of [_____] License are applicable instead of those
above. If you wish to allow use of your version of this file only
under the terms of the [___] License and not to allow others to use
your version of this file under the MPL, indicate your decision by
deleting the provisions above and replace them with the notice and
other provisions required by the [___] License. If you do not delete
the provisions above, a recipient may use your version of this file
under either the MPL or the [___] License.”

[NOTE: The text of this Exhibit A may differ slightly from the text of
the notices in the Source Code files of the Original Code. You should
use the text of this Exhibit A rather than the text found in the
Original Code Source Code for Your Modifications.]

```html
<!doctype html>
<html>
<head>
<title>jsoup License</title>
<meta name="keywords" content="license, open source, mit">
```
The jsoup code-base (include source and compiled packages) are distributed under the open source MIT license as described below.

The jsoup code-base (include source and compiled packages) are distributed under the open source MIT license as described below.

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.
Apache License, Version 2.0
Version 2.0, January 2004

http://www.apache.org/licenses/

TERMS AND CONDITIONS FOR USE, REPRODUCTION, AND DISTRIBUTION

1. Definitions.

"License" shall mean the terms and conditions for use, reproduction, and distribution as defined by Sections 1 through 9 of this document.

"Licensor" shall mean the copyright owner or entity authorized by the copyright owner that is granting the License.

"Legal Entity" shall mean the union of the acting entity and all other entities that control, are controlled by, or are under common control with that entity. For the purposes of this definition, "control" means (i) the power, direct or indirect, to cause the direction or management of such entity, whether by contract or otherwise, or (ii) ownership of fifty percent (50%) or more of the outstanding shares, or (iii) beneficial ownership of such entity.

"You" (or "Your") shall mean an individual or Legal Entity exercising permissions granted by this License.

"Source" form shall mean the preferred form for making modifications, including but not limited to software source
code, documentation source, and configuration files.

"Object" form shall mean any form resulting from mechanical transformation or translation of a Source form, including but not limited to compiled object code, generated documentation, and conversions to other media types.

"Work" shall mean the work of authorship, whether in Source or Object form, made available under the License, as indicated by a copyright notice that is included in or attached to the work (an example is provided in the Appendix below).

"Derivative Works" shall mean any work, whether in Source or Object form, that is based on (or derived from) the Work and for which the editorial revisions, annotations, elaborations, or other modifications represent, as a whole, an original work of authorship. For the purposes of this License, Derivative Works shall not include works that remain separable from, or merely link (or bind by name) to the interfaces of, the Work and Derivative Works thereof.

"Contribution" shall mean any work of authorship, including the original version of the Work and any modifications or additions to that Work or Derivative Works thereof, that is intentionally submitted to Licensor for inclusion in the Work by the copyright owner or by an individual or Legal Entity authorized to submit on behalf of the copyright owner. For the purposes of this definition, "submitted" means any form of electronic, verbal, or written communication sent to the Licensor or its representatives, including but not limited to communication on electronic mailing lists, source code control systems, and issue tracking systems that are managed by, or on behalf of, the Licensor for the purpose of discussing and improving the Work, but excluding communication that is conspicuously marked or otherwise designated in writing by the copyright owner as "Not a Contribution."

"Contributor" shall mean Licensor and any individual or Legal Entity on behalf of whom a Contribution has been received by Licensor and subsequently incorporated within the Work.

2. Grant of Copyright License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable copyright license to reproduce, prepare Derivative Works of, publicly display, publicly perform, sublicense, and distribute the Work and such Derivative Works in Source or Object form.

3. Grant of Patent License. Subject to the terms and conditions of this License, each Contributor hereby grants to You a perpetual, worldwide, non-exclusive, no-charge, royalty-free, irrevocable (except as stated in this section) patent license to make, have made, use, offer to sell, sell, import, and otherwise transfer the Work, where such license applies only to those patent claims licensable by such Contributor that are necessarily infringed by their Contribution(s) alone or by combination of their Contribution(s) with the Work to which such Contribution(s) was
submitted. If You institute patent litigation against any entity (including a cross-claim or counterclaim in a lawsuit) alleging that the Work or a Contribution incorporated within the Work constitutes direct or contributory patent infringement, then any patent licenses granted to You under this License for that Work shall terminate as of the date such litigation is filed.

4. Redistribution. You may reproduce and distribute copies of the Work or Derivative Works thereof in any medium, with or without modifications, and in Source or Object form, provided that You meet the following conditions:

   a. You must give any other recipients of the Work or Derivative Works a copy of this License; and

   b. You must cause any modified files to carry prominent notices stating that You changed the files; and

   c. You must retain, in the Source form of any Derivative Works that You distribute, all copyright, patent, trademark, and attribution notices from the Source form of the Work, excluding those notices that do not pertain to any part of the Derivative Works; and

   d. If the Work includes a "NOTICE" text file as part of its distribution, then any Derivative Works that You distribute must include a readable copy of the attribution notices contained within such NOTICE file, excluding those notices that do not pertain to any part of the Derivative Works, in at least one of the following places: within a NOTICE text file distributed as part of the Derivative Works; within the Source form or documentation, if provided along with the Derivative Works; or, within a display generated by the Derivative Works, if and wherever such third-party notices normally appear. The contents of the NOTICE file are for informational purposes only and do not modify the License.

   You may add Your own attribution notices within Derivative Works that You distribute, alongside or as an addendum to the NOTICE text from the Work, provided that such additional attribution notices cannot be construed as modifying the License.

   You may add Your own copyright statement to Your modifications and may provide additional or different license terms and conditions for use, reproduction, or distribution of Your modifications, or for any such Derivative Works as a whole, provided Your use, reproduction, and distribution of the Work otherwise complies with the conditions stated in this License.

5. Submission of Contributions. Unless You explicitly state otherwise, any Contribution intentionally submitted for inclusion in the Work by You to the Licensor shall be under the terms and conditions of this License, without any additional terms or conditions. Notwithstanding the above, nothing herein shall supersede or modify the terms of any separate license agreement you may have executed with Licensor regarding such Contributions.

6. Trademarks. This License does not grant permission to use the trade names, trademarks, service marks, or product names of the Licensor, except as required for reasonable and customary use in describing the origin of the Work and
reproducing the content of the NOTICE file.

7. Disclaimer of Warranty. Unless required by applicable law or agreed to in writing, Licensor provides the Work (and each Contributor provides its Contributions) on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied, including, without limitation, any warranties or conditions of TITLE, NONINFRINGEMENT, MERCHANTABILITY, or FITNESS FOR A PARTICULAR PURPOSE. You are solely responsible for determining the appropriateness of using or redistributing the Work and assume any risks associated with Your exercise of permissions under this License.

8. Limitation of Liability. In no event and under no legal theory, whether in tort (including negligence), contract, or otherwise, unless required by applicable law (such as deliberate and grossly negligent acts) or agreed to in writing, shall any Contributor be liable to You for damages, including any direct, indirect, special, incidental, or consequential damages of any character arising as a result of this License or out of the use or inability to use the Work (including but not limited to damages for loss of goodwill, work stoppage, computer failure or malfunction, or any and all other commercial damages or losses), even if such Contributor has been advised of the possibility of such damages.

9. Accepting Warranty or Additional Liability. While redistributing the Work or Derivative Works thereof, You may choose to offer, and charge a fee for, acceptance of support, warranty, indemnity, or other liability obligations and/or rights consistent with this License. However, in accepting such obligations, You may act only on Your own behalf and on Your sole responsibility, not on behalf of any other Contributor, and only if You agree to indemnify, defend, and hold each Contributor harmless for any liability incurred by, or claims asserted against, such Contributor by reason of your accepting any such warranty or additional liability.

END OF TERMS AND CONDITIONS
APPENDIX: How to apply the Apache License to your work

To apply the Apache License to your work, attach the following boilerplate notice, with the fields enclosed by brackets "[]" replaced with your own identifying information. (Don't include the brackets!) The text should be enclosed in the appropriate comment syntax for the file format. We also recommend that a file or class name and description of purpose be included on the same "printed page" as the copyright notice for easier identification within third-party archives.

Copyright yyyy [name of copyright owner]

Licensed under the Apache License, Version 2.0 (the "License"); you may not use this file except in compliance with the License. You may obtain a copy of the License at
http://www.apache.org/licenses/LICENSE-2.0

Unless required by applicable law or agreed to in writing, software distributed under the License is distributed on an "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. See the License for the specific language governing permissions and limitations under the License.

1.8 kong 0.11.0

1.9 QR Code Generator 1.0

1.9.1 Available under license:

The MIT License (MIT)

Copyright (c) 2012 Ryan Day

Permission is hereby granted, free of charge, to any person obtaining a copy of this software and associated documentation files (the "Software"), to deal in the Software without restriction, including without limitation the rights to use, copy, modify, merge, publish, distribute, sublicense, and/or sell copies of the Software, and to permit persons to whom the Software is furnished to do so, subject to the following conditions:

The above copyright notice and this permission notice shall be included in all copies or substantial portions of the Software.

THE SOFTWARE IS PROVIDED "AS IS", WITHOUT WARRANTY OF ANY KIND, EXPRESS OR IMPLIED, INCLUDING BUT NOT LIMITED TO THE WARRANTIES OF MERCHANTABILITY, FITNESS FOR A PARTICULAR PURPOSE AND NONINFRINGEMENT. IN NO EVENT SHALL THE AUTHORS OR COPYRIGHT HOLDERS BE LIABLE FOR ANY CLAIM, DAMAGES OR OTHER LIABILITY, WHETHER IN AN ACTION OF CONTRACT, TORT OR OTHERWISE, ARISING FROM, OUT OF OR IN CONNECTION WITH THE SOFTWARE OR THE USE OR OTHER DEALINGS IN THE SOFTWARE.