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.