```
<?xml version="1.0" encoding="UTF-8"?>
1
2
3
   <!--
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14
   software distributed under the License is distributed on an
15
   "AS IS" BASIS, WITHOUT WARRANTIES OR CONDITIONS OF ANY
16
   KIND, either express or implied. See the License for the
17
   specific language governing permissions and limitations
18
   under the License.
19
   -->
20
21
22 <!--
    | This is the configuration file for Maven. It can be specified at two
23
   levels:
24
       1. User Level. This settings.xml file provides configuration for a single
25
   user,
                       and is normally provided in ${user.home}/.m2/settings.xml.
26
27
                       NOTE: This location can be overridden with the CLI option:
28
29
                       -s /path/to/user/settings.xml
30
31
    2. Global Level. This settings.xml file provides configuration for all
32
   Maven
                       users on a machine (assuming they're all using the same
33
   Maven
                       installation). It's normally provided in
34
                       ${maven.home}/conf/settings.xml.
35
36
                       NOTE: This location can be overridden with the CLI option:
37
38
                       -gs /path/to/global/settings.xml
39
40
```

```
The sections in this sample file are intended to give you a running start
   at
42
    getting the most out of your Maven installation. Where appropriate, the
   default
43
    | values (values used when the setting is not specified) are provided.
44
45
    |-->
   <settings xmlns="http://maven.apache.org/SETTINGS/1.0.0"</pre>
46
47
              xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance"
              xsi:schemaLocation="http://maven.apache.org/SETTINGS/1.0.0"
48
   http://maven.apache.org/xsd/settings-1.0.0.xsd">
49
     <!-- localRepository
       The path to the local repository maven will use to store artifacts.
50
51
52
       | Default: ${user.home}/.m2/repository
     <localRepository>/path/to/local/repo</localRepository>
53
54
        <localRepository>E:\java\maven\repository</localRepository>
55
56
     <!-- interactiveMode
       | This will determine whether maven prompts you when it needs input. If set
57
   to false,
       maven will use a sensible default value, perhaps based on some other
58
   setting, for
       the parameter in question.
59
60
       | Default: true
61
     <interactiveMode>true</interactiveMode>
62
     -->
63
64
     <!-- offline
65
       Determines whether maven should attempt to connect to the network when
66
   executing a build.
       | This will have an effect on artifact downloads, artifact deployment, and
67
   others.
68
       | Default: false
69
     <offline>false</offline>
70
71
     -->
72
73
     <!-- pluginGroups
       | This is a list of additional group identifiers that will be searched when
74
    resolving plugins by their prefix, i.e.
       when invoking a command line like "mvn prefix:goal". Maven will
75
   automatically add the group identifiers
       | "org.apache.maven.plugins" and "org.codehaus.mojo" if these are not
76
   already contained in the list.
```

```
77
       |-->
      <pluginGroups>
78
79
        <!-- pluginGroup
         | Specifies a further group identifier to use for plugin lookup.
80
81
        <pluginGroup>com.your.plugins</pluginGroup>
        -->
82
83
      </pluginGroups>
84
      <!-- proxies
85
       | This is a list of proxies which can be used on this machine to connect to
86
    the network.
87
       Unless otherwise specified (by system property or command-line switch),
    the first proxy
       | specification in this list marked as active will be used.
88
       I-->
89
90
      cproxies>
91
        <!-- proxy
         | Specification for one proxy, to be used in connecting to the network.
92
93
94
        oxy>
95
          <id>optional</id>
          <active>true</active>
96
          cprotocol>http
97
          <username>proxyuser</username>
98
          <password>proxypass</password>
99
          <host>proxy.host.net</host>
100
101
          <port>80</port>
          <nonProxyHosts>local.net|some.host.com</nonProxyHosts>
102
103
        </proxy>
        -->
104
      </proxies>
105
106
107
      <!-- servers
       | This is a list of authentication profiles, keyed by the server-id used
108
    within the system.
       Authentication profiles can be used whenever maven must make a connection
109
    to a remote server.
      |-->
110
      <servers>
111
112
        <!-- server
         | Specifies the authentication information to use when connecting to a
113
    particular server, identified by
         | a unique name within the system (referred to by the 'id' attribute
114
    below).
115
116
         NOTE: You should either specify username/password OR
```

```
privateKey/passphrase, since these pairings are
117
         used together.
118
119
        <server>
120
          <id>deploymentRepo</id>
          <username>repouser</username>
121
122
          <password>repopwd</password>
123
        </server>
124
        -->
125
126
        <!-- Another sample, using keys to authenticate.
127
        <server>
128
          <id>siteServer</id>
129
          <privateKey>/path/to/private/key</privateKey>
130
          <passphrase>optional; leave empty if not used.</passphrase>
131
        </server>
132
        -->
133
      </servers>
134
135
      <!-- mirrors
136
       This is a list of mirrors to be used in downloading artifacts from remote
    repositories.
137
       | It works like this: a POM may declare a repository to use in resolving
138
    certain artifacts.
       | However, this repository may have problems with heavy traffic at times,
139
    so people have mirrored
       | it to several places.
140
141
       | That repository definition will have a unique id, so we can create a
142
    mirror reference for that
       repository, to be used as an alternate download site. The mirror site
143
    will be the preferred
       server for that repository.
144
       |-->
145
     <mirrors>
146
147
        <mirror>
148
       <id>aliyun</id>
149
        <mirrorOf>centeral/mirrorOf>
150
        <name>aliyun mirror</name>
        <url>http://maven.aliyun.com/nexus/content/groups/public/</url>
151
152
       </mirror>
153
        <!-- mirror
154
        | Specifies a repository mirror site to use instead of a given
    repository. The repository that
155
         | this mirror serves has an ID that matches the mirrorOf element of this
```

```
mirror. IDs are used
         | for inheritance and direct lookup purposes, and must be unique across
156
    the set of mirrors.
        157
158
        <mirror>
         <id>mirrorId</id>
159
160
          <mirrorOf>repositoryId/mirrorOf>
          <name>Human Readable Name for this Mirror.
161
162
          <url>http://my.repository.com/repo/path</url>
163
        </mirror>
         -->
164
165
     </mirrors>
166
167
     <!-- profiles
168
       This is a list of profiles which can be activated in a variety of ways,
    and which can modify
       | the build process. Profiles provided in the settings.xml are intended to
169
    provide local machine-
       | specific paths and repository locations which allow the build to work in
170
    the local environment.
171
172
       | For example, if you have an integration testing plugin - like cactus -
    that needs to know where
       your Tomcat instance is installed, you can provide a variable here such
173
    that the variable is
       dereferenced during the build process to configure the cactus plugin.
174
175
       As noted above, profiles can be activated in a variety of ways. One way -
176
    the activeProfiles
       | section of this document (settings.xml) - will be discussed later.
177
    Another way essentially
       relies on the detection of a system property, either matching a
178
    particular value for the property,
       or merely testing its existence. Profiles can also be activated by JDK
179
    version prefix, where a
       | value of '1.4' might activate a profile when the build is executed on a
180
    JDK version of '1.4.2 07'.
       | Finally, the list of active profiles can be specified directly from the
181
    command line.
182
       NOTE: For profiles defined in the settings.xml, you are restricted to
183
    specifying only artifact
               repositories, plugin repositories, and free-form properties to be
184
    used as configuration
               variables for plugins in the POM.
185
186
```

```
187
       |-->
188
      ofiles>
189
        ofile>
190
        <id>aliyun</id>
191
        <activation>
192
            <activeByDefault>true</activeByDefault>
193
        </activation>
194
195
        <repositories>
196
            <repository>
197
                <id>aliyun</id>
198
            <url>http://maven.aliyun.com/nexus/content/groups/public/</url>
199
            </repository>
200
        </repositories>
201
        <pluginRepositories>
202
                <plu><pluginRepository>
203
                    <id>aliyun</id>
204
                <url>http://maven.aliyun.com/nexus/content/groups/public/</url>
205
                </pluginRepository>
          </pluginRepositories>
206
        </profile>
207
208
209
        <!-- profile
         | Specifies a set of introductions to the build process, to be activated
210
    using one or more of the
         mechanisms described above. For inheritance purposes, and to activate
211
    profiles via <activatedProfiles/>
         or the command line, profiles have to have an ID that is unique.
212
213
         An encouraged best practice for profile identification is to use a
214
    consistent naming convention
         | for profiles, such as 'env-dev', 'env-test', 'env-production', 'user-
215
    jdcasey', 'user-brett', etc.
         | This will make it more intuitive to understand what the set of
216
    introduced profiles is attempting
         | to accomplish, particularly when you only have a list of profile id's
217
    for debug.
218
         ı
         | This profile example uses the JDK version to trigger activation, and
219
    provides a JDK-specific repo.
        ofile>
220
221
          <id>jdk-1.4</id>
222
223
          <activation>
            <jdk>1.4</jdk>
224
225
          </activation>
```

```
226
227
          <repositories>
228
            <repository>
229
              <id>jdk14</id>
230
              <name>Repository for JDK 1.4 builds</name>
231
              <url>http://www.myhost.com/maven/jdk14</url>
232
              <layout>default</layout>
233
              <snapshotPolicy>always</snapshotPolicy>
234
            </repository>
          </repositories>
235
        </profile>
236
237
        -->
238
239
        <!--
         Here is another profile, activated by the system property 'target-env'
240
    with a value of 'dev',
         | which provides a specific path to the Tomcat instance. To use this,
241
    your plugin configuration
         | might hypothetically look like:
242
243
244
         . . .
245
         | <plugin>
             <groupId>org.myco.myplugins</groupId>
246
             <artifactId>myplugin</artifactId>
247
248
             <configuration>
249
250
               <tomcatLocation>${tomcatPath}</tomcatLocation>
             </configuration>
251
         | </plugin>
252
253
         ...
254
         NOTE: If you just wanted to inject this configuration whenever someone
255
    set 'target-env' to
256
                  anything, you could just leave off the <value/> inside the
    activation-property.
257
        ofile>
258
259
          <id>env-dev</id>
260
261
          <activation>
262
            cproperty>
263
              <name>target-env</name>
264
              <value>dev</value>
265
            </property>
          </activation>
266
267
```

```
268
          cproperties>
269
            <tomcatPath>/path/to/tomcat/instance</tomcatPath>
270
          </properties>
271
       </profile>
272
        -->
     </profiles>
273
274
275
     <!-- activeProfiles
      | List of profiles that are active for all builds.
276
277
278
     <activeProfiles>
279
       <activeProfile>alwaysActiveProfile</activeProfile>
       <activeProfile>anotherAlwaysActiveProfile</activeProfile>
280
281
     </activeProfiles>
282
     -->
283 </settings>
```