

Maven configuration to access internal Artifactory

Maven modifications

Make following modifications in \$MAVEN_HOME/conf/setting.xml

1. Add below configuration inside <proxies></proxies>

- a. <proxy>

```
<id>internal-nexus</id>
<active>true</active>
<protocol>http</protocol>
<host>localhost</host>
<port>3000</port>
<nonProxyHosts>*.maven.com|*.maven.org</nonProxyHosts>
```

</proxy>

2. Add below configuration inside <servers></servers>

- a. <server>

```
<id>internal-releases</id>
<username>argoid_nexus_read</username>
<password>NexusRead</password>
</server>
```

<server>

```
<id>internal-snapshots</id>
<username>argoid_nexus_read</username>
<password>NexusRead</password>
```

</server>

3. Add below configuration inside <profiles></profiles>

- a. <profile>

```
<id>internal</id>
<!--Enable snapshots for the built in central repo to direct -->
<!--all requests to nexus via the mirror -->
<repositories>
  <repository>
    <id>central</id>
    <url>https://repol.maven.org/maven2/</url>
    <releases><enabled>true</enabled></releases>
    <snapshots><enabled>true</enabled></snapshots>
  </repository>
  <repository>
    <id>internal-releases</id>
    <name>Internal releases repo</name>
    <url>http://repol.internal.argoid.com:8081/repository/maven-
releases/</url>
    <releases><enabled>true</enabled></releases>
    <snapshots><enabled>false</enabled></snapshots>
  </repository>
</repositories>
```

```

        <id>internal-snapshots</id>
        <name>Internal snapshots repo</name>
        <url>http://repol.internal.argoid.com:8081/repository/maven-
snapshots/</url>
        <releases><enabled>false</enabled></releases>
        <snapshots><enabled>true</enabled></snapshots>
    </repository>
</repositories>
<pluginRepositories>
    <pluginRepository>
        <id>central</id>
        <url>https://repol.maven.org/maven2/</url>
        <releases><enabled>true</enabled></releases>
        <snapshots><enabled>true</enabled></snapshots>
    </pluginRepository>
    <pluginRepository>
        <id>internal-releases</id>
        <name>Internal releases repo</name>
        <url>http://repol.internal.argoid.com:8081/repository/maven-
releases/</url>
        <releases><enabled>true</enabled></releases>
        <snapshots><enabled>false</enabled></snapshots>
    </pluginRepository>
    <pluginRepository>
        <id>internal-snapshots</id>
        <name>Internal snapshots repo</name>
        <url>http://repol.internal.argoid.com:8081/repository/maven-
snapshots/</url>
        <releases><enabled>false</enabled></releases>
        <snapshots><enabled>true</enabled></snapshots>
    </pluginRepository>
</pluginRepositories>
</profile>

```

4. Activate profile by adding below in <activeProfiles></activeProfiles>
 - a. <activeProfile>internal</activeProfile>
5. Disable all mirrors else it will throw http blocker exception.

Maven build process

1. SSH tunnel to access Nexus repository
 - a. `ssh -o ServerAliveInterval=60 -N -L localhost:3000:172.31.252.5:8081 20.219.10.132`
2. Execute mvn build as usual. No change required in pom.xml level.