

AgenPro Maven Plugin

With the AgenPro Maven plugin you can integrate the code generation into your Maven build process.

Prerequisites

- Maven 3.3.1 or later.
- AgenPro 4.2 or later.

Installation

Maven Repository Settings

Before you can start to install the AgenPro Maven Plugin you need to setup a local repository for your Maven installation and to specify a shortcut for the AgenPro Maven plugin prefix.

You can specify your Maven settings in the **settings.xml** file in the **.m2** directory within your home directory.

The **settings.xml** file should contain at least the following settings:

```
<settings>
  <pluginGroups>
    <pluginGroup>com.agentpp.agentpro.maven.plugins</pluginGroup>
  </pluginGroups>
  <localRepository>D:/maven/repository</localRepository>
</settings>
```



Note: Before AgenPro 5.0 the plugin group ID was **com.oosnmp.agentpro** instead now **com.agentpp.agentpro**.

SNMP4J and SNMP4J-Agent JARs

(A) Maven Central

Instead manually installing SNMP4J and SNMP4J-Agent, you can also use the JARs from Maven Central:

```
<dependency>
  <groupId>org.snmp4j</groupId>
  <artifactId>snmp4j</artifactId>
  <version>3.4.4</version>
  <scope>compile</scope>
</dependency>
<dependency>
  <groupId>org.snmp4j</groupId>
  <artifactId>snmp4j-agent</artifactId>
  <version>3.3.6</version>
  <scope>compile</scope>
  <exclusions>
    <exclusion>
      <!-- Exclude transitive dependency to SNMP4J -->
      <groupId>org.snmp4j</groupId>
      <artifactId>snmp4j</artifactId>
    </exclusion>
  </exclusions>
</dependency>
```

(B) Manual Local Repository Installation

Download SNMP4J and SNMP4J-Agent ZIP files and unpack them in a local folder. Then run the following Maven commands from the **dist/lib** directories:

```
mvn install:install-file -Dfile=SNMP4J.jar -DgroupId=org.snmp4j -DartifactId=snmp4j -Dversion=3.4.4 -
Dpackaging=jar -DgeneratePom=true
```

```
mvn install:install-file -Dfile=SNMP4J-Agent.jar -DgroupId=org.snmp4j -DartifactId=snmp4j-agent -Dversion=3.3.6 -Dpackaging=jar -DgeneratePom=true
```

AgenPro JAR

Download the [AgenPro.jar](#) file and install it into your Maven repository:

```
mvn install:install-file -Dfile=agenpro4.jar -DgroupId=com.agentpp -DartifactId=agenpro -Dversion=5.0.0 -Dpackaging=jar -DgeneratePom=true
```

AgenPro Maven Plugin

Download the [AgenPro Maven plugin](#) and install it into your Maven repository:

```
mvn install:install-file -Dfile=agenpro4-plugin.jar -DgroupId=com.agentpp -DartifactId=agenpro-plugin -Dversion=5.0.0 -Dpackaging=jar -DgeneratePom=true
```