Usage

The source plugin can be used to create a jar file of the project sources from the command line or by binding the goal to the project's build lifecycle. To generate the jar from the command line, use the following command:

```
mvn source:jar
```

A jar file of the test sources can also be generated by executing:

```
mvn source:test-jar
```

⊡ Installing the sources along with your artifact

There are two ways to do this. You can either bind this plugin to a phase or you can add it to a profile. The goals source:jar-no-fork and source:test-jar-no-fork are preferred for binding the goal to the build lifecycle.

Installing the sources using a phase binding

Here is how you would configure the plugin in your pom.xml to run automatically during the *verify* phase:

```
<project>
  ...
  <build>
    <plugins>
      <plugin>
        <groupId>org.apache.maven.plugins</groupId>
        <artifactId>maven-source-plugin</artifactId>
        <version>2.4</version>
        <executions>
          <execution>
            <id>attach-sources</id>
            <phase>verify</phase>
            <goals>
              <goal>jar-no-fork</goal>
            </goals>
          </execution>
        </executions>
      </plugin>
    </plugins>
  </build>
  ...
</project>
```

We are using the *verify* phase here because it is the phase that comes before the *install* phase, thus making sure that the sources jar has been created **before** the install takes place.

Installing the sources using a profile

If you want to install a jar of your sources along with your artifact during the release process, you can add this to your pom.xml file:

```
<project>
  ...
  <profiles>
    <profile>
      <id>release</id>
```

```xml
      <build>
        <plugins>
          <plugin>
            <groupId>org.apache.maven.plugins</groupId>
            <artifactId>maven-source-plugin</artifactId>
            <version>2.4</version>
            <executions>
              <execution>
                <id>attach-sources</id>
                <goals>
                  <goal>jar-no-fork</goal>
                </goals>
              </execution>
            </executions>
          </plugin>
        </plugins>
      </build>
    </profile>
  </profiles>
  ...
</project>
```