

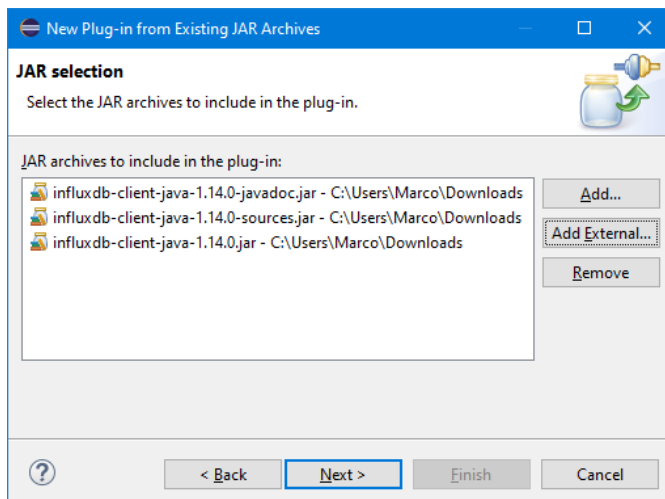
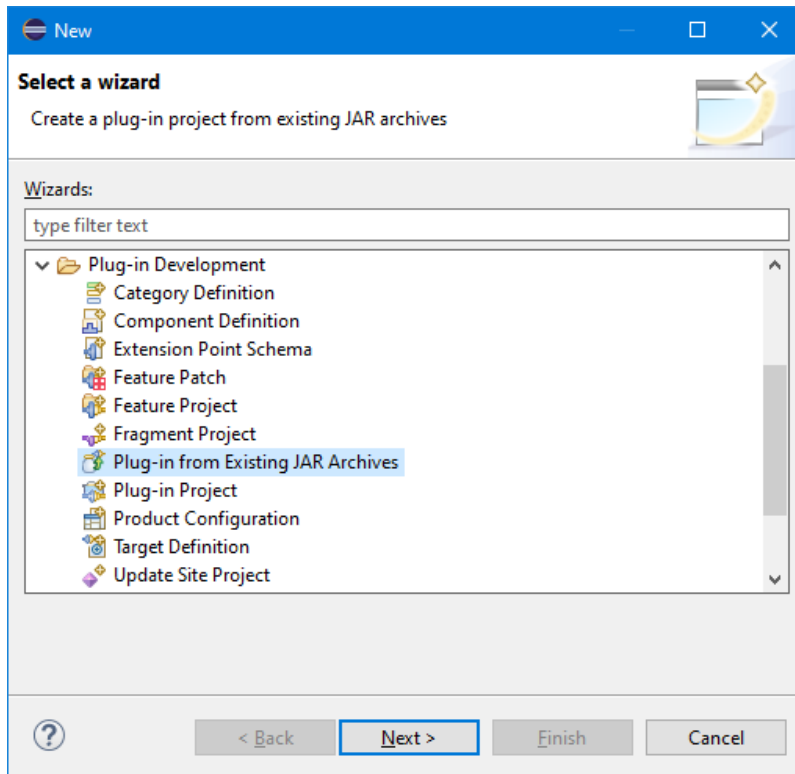
Add Bundle with Ressources/Libraries

Sometimes it is necessary to add some libraries to Odysseus. Unfortunately, its not possible to use a maven like approach. You will need to import the library into the bundle or (better for reusage) add a bundle that only contains the library content.

In the following, we will show an example how to add a new lib as new bundle:

Add lib(s) as new bundle

Choose new, with Plug-in from Existing JAR Archives:



You could name it, as you want: We reommend

- to use the official naming for the libs.
- not to use the default location, but the resource folder (with a subfolder!)
- Use standard OSGi framework
- Do not unzip JAR archives into the project

New Plug-in from Existing JAR Archives

Plug-in Project Properties

Enter the data required to generate the plug-in.

Project name:

☐ Use default location

Location:

Plug-in Properties

Plug-in ID:

Plug-in Version:

Plug-in Name:

Plug-in Vendor:

☐ Analyze library contents and add dependencies

Execution Environment:

Target Platform

This plug-in is targeted to run with:

☐ Eclipse

☒ an OSGi framework:

☐ Unzip the JAR archives into the project

☐ Update references to the JAR files

Working sets

☐ Add project to working sets

Working sets:

You should add the new folder to the pom.xml:

```
project>
  <modelVersion>4.0.0</modelVersion>
  <groupId>de.uniol.inf.is.odysseus</groupId>
  <artifactId>de.uniol.inf.is.odysseus.influxdb.resource</artifactId>
  <version>1.0.0-SNAPSHOT</version>
  <packaging>pom</packaging>

  <parent>
    <groupId>de.uniol.inf.is.odysseus</groupId>
    <artifactId>de.uniol.inf.is.odysseus</artifactId>
    <version>1.0.0-SNAPSHOT</version>
  </parent>

  <modules>
    <module>influxdb-client-java</module>
  </modules>
</project>
```

You could add other libs to the project, if you missed some as in the following

Add libs to existing bundles

- Copy file to bundle
- Go to MANIFEST.MF
- Click on Runtime
 - In Classpath-Section click on Add...
 - Import new Libs
- In Exported Packages click on Add... if these libs should be available somewhere else
 - Important: If this lib is just a runtime dependency of the current plugin you should not export it