

# Installation

The WSRP4J Project provides a producer component as well as a consumer component. Each of these components can be installed separately and has different prerequisites. The easiest way to install any of these components is to execute the appropriate batch file from the build directory. Alternatively you can start the build batch file with the appropriate argument. To get more information about available build targets, start build with no arguments.

1. Configure the location of your Tomcat installation.  
Currently you have to do this in several locations. In each location you have to copy a file called *build.properties.example* to *build.properties* and correct the path to the Tomcat directory in the newly created file. The file locations are:
  - In the ws-wsrp4j/build directory,
  - in the ws-wsrp4j/portlets/proxyportlet directory and
  - in the ws-wsrp4j/portlets/wsrptest directory.
  - in the ws-wsrp4j/portlets/calc directory.

Additionally, if you want to build any of the portlet components (ProxyPortlet or WSRPTest), you have to create the files proxyportlet.include and/or wrptest.include and/or calc.include in the ws-wsrp4j/portlets/build/ directory.

2. Change your working directory to the ws-wsrp4j/build directory.
3. Run the install-swing-consumer script (either sh or bat).  
This script rebuilds the WSRP4J core project and installs the WSRP4J Swing Consumer into the ws-wsrp4j/driver directory.

Prereq's: JDK 1.3.x

4. Run the install-provider-pluto script (either sh or bat).  
The Pluto provider is installed as a webapp in the Tomcat webapps directory. A sample portlet is also installed.

The Pluto provider is a WSRP Producer which is able to provide access to JSR168 compliant portlets via a web services interface.

Prereq's: Tomcat 4.1.24 or higher, JDK 1.3.x

5. Next: [Run the Consumer.](#)