Getting Started with the *UQ-iLab-ServiceBroker-Java* Project

[GettingStarted.htm - uqlpayne 22 Aug 2013]

Software

Getting Started with the *UQ-iLab-ServiceBroker-Java* project requires that the following software has been downloaded and installed:

- Java Platform (JDK) 7u25 [jdk-7u25-windows-i586.exe (89.0 MB)]
  http://www.oracle.com/technetwork/java/javase/downloads/index.html

- GlassFish Server Open Source Edition 4.0 [glassfish-4.0-windows.exe (89.0 MB)]
  https://glassfish.java.net/download.html

- PostgreSQL 9.2.4 [postgresql-9.2.4-1-windows.exe (49.6 MB)]
  http://www.postgresql.org/download/

The files specified here are for the Windows platform but software is also available for the other platforms, e.g., Linux.

The versions of the software shown here may not be the latest releases available.

Note: The *Java Platform (JDK)* must be installed <u>before</u> the *GlassFish Server*.

IlabServiceBroker Project Deployment

Deployment of the IlabServiceBroker project using the WAR file builds requires that:

- The *UQ-iLab-ServiceBroker-Java* GitHub repository has been downloaded as a ZIP file from:

  `https://github.com/uqlpayne/UQ-iLab-ServiceBroker-Java`

The following tutorials need to be completed:

1. The *IlabServiceBroker Database* tutorial (see IlabServiceBrokerDatabase.pdf).

2. The *ExperimentStorage Database* tutorial (see ExperimentStorageDatabase.pdf).

3. The *IlabServiceBroker Deployment* tutorial (see IlabServiceBrokerDeployment.pdf).

IlabServiceBroker Project Development

Development of the IlabServiceBroker project requires that:

- The *UQ-iLab-ServiceBroker-Java* GitHub repository has been downloaded as a ZIP file from:

  `https://github.com/uqlpayne/UQ-iLab-ServiceBroker-Java`

The following development tools and resources are required:

- NetBeans IDE 7.3.1 + GlassFish Server Open Source Edition 4.0 [netbeans-7.3.1-javaee-windows.exe (203.7 MB)]
  http://netbeans.org/downloads

- Java SE 7 Documentation [jdk-7u25-apidocs.zip (57.9 MB)]
  http://www.oracle.com/technetwork/java/javase/downloads/index.html

- postgresql-9.2-1003.jdbc4.jar
  http://jdbc.postgresql.org/

- javax.mail.jar (JavaMail API 1.5.0)
  https://java.net/projects/javamail/downloads