

Java EE 7 Hands-on Lab Preparation Instructions

- Kindly bring your laptop to the lab.
- You will need some software installed on your machine before you arrive for the lab as outlined in the section below.
- Please briefly look over glassfish.org/hol. Please download the lab instructions PDF from the site. It is also helpful to download the starting code and solution zip files ahead of time.
- The primary activity in the lab is going through the exercises in the lab instructions as a group. The lab is intended to be mostly self-directed and self-paced with organic group discussions led by the instructor as well as help troubleshooting.

Software Requirements

The following software needs to be downloaded and installed for the lab:

- JDK 7 or above (the preferred version being JDK 8) from <http://www.oracle.com/technetwork/java/javase/downloads/index.html>.
- NetBeans 8.0.2 or higher - “All” or “Java EE” version from <http://netbeans.org/downloads/> (the “All” or “Java EE” part being very important to the proper functioning of the lab). A preview of the downloads page is shown and highlights the exact “Download” button to be clicked.

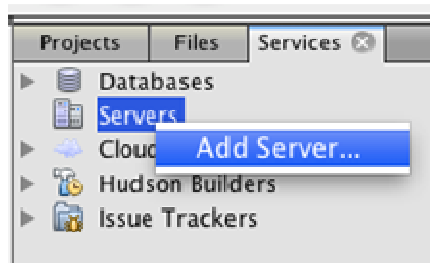
NetBeans IDE Download Bundles					
Supported technologies *	Java SE	Java EE	C/C++	PHP	All
④ NetBeans Platform SDK	•	•			•
④ Java SE	•	•			•
④ Java FX	•	•			•
④ Java EE		•			•
④ Java ME					—
④ HTML5		•		•	•
④ Java Card™ 3 Connected					—
④ C/C++			•		•
④ Groovy					•
④ PHP				•	•
Bundled servers					
④ GlassFish Server Open Source Edition 3.1.2.2		•			•
④ Apache Tomcat 7.0.34					•
	Download Free, 75 MB	Download Free, 171 MB	Download Free, 49 MB	Download Free, 49 MB	Download Free, 184 MB

- GlassFish 4.1 comes pre-bundled with NetBeans 8.0.2 and does not need to be downloaded explicitly. But if you want to download GlassFish 4.1 then can do so from glassfish.org. Do keep in mind that the lab uses the GlassFish full profile and not the web profile.

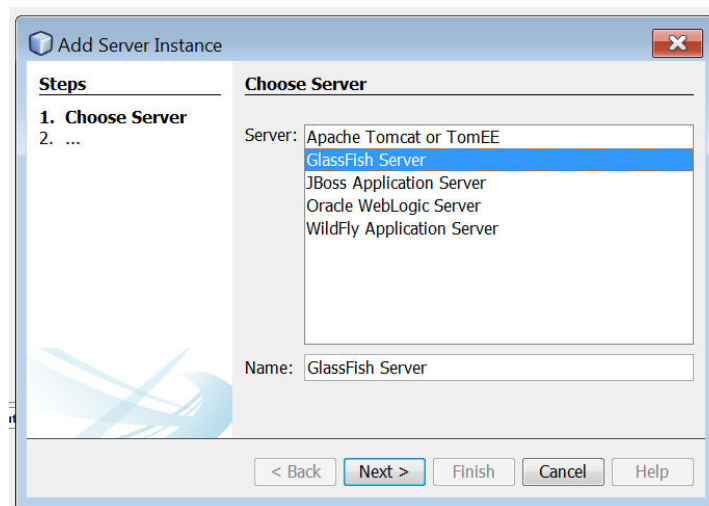
If you have downloaded GlassFish 4.1 separately or using a pre-installed version of GlassFish 4.1, then configure it in NetBeans IDE following the instructions below.

Configure GlassFish 4.1 in NetBeans IDE

- In NetBeans, click on the “Services” tab.
- Right-click on Servers, choose “Add Server...” in the pop-up menu.



- Select “GlassFish Server” in the Add Server Instance wizard, set the name to “GlassFish 4.1” and click “Next >”.



- Click on “Browse ...” and browse to where you unzipped the GlassFish build and point to the “glassfish4” directory that got created when you unzipped the above archive. Click on “Finish”.