

INSTALLATION GUIDE

The web application project has been zipped into a Web application resource archive file containing all the a files collection of JAR-files, JavaServer Pages, Java Servlets, Java classes, XML files, tag libraries, static web pages (HTML and related files) and other resources that together constitute it. The war file can be deployed on the web server to run the web application. The war file is icp2152-dvthdh.war.

Method 1

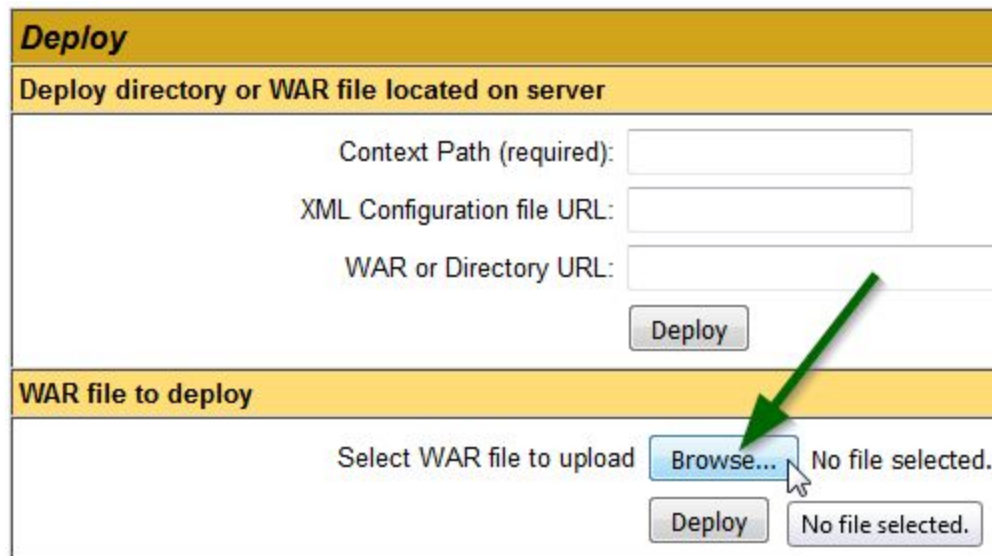
Using the UI manager

The manager can be accessed at `http://{host}:{port}/manager/html`

If access denied go to `%CATALINA_HOME%\conf\tomcat-users.xml` and check that you have enabled a line like this:

```
<user username="tomcat" password="tomcat" roles="tomcat,role1,manager-gui"/>
```

n the **Deploy** section, WAR file to deploy subsection, click on **Browse**



Deploy

Deploy directory or WAR file located on server

Context Path (required):

XML Configuration file URL:

WAR or Directory URL:

WAR file to deploy

Select WAR file to upload No file selected.

Select the .war file (E.g.: prj.war) > click on **Deploy**

The war file has now been added to the application .

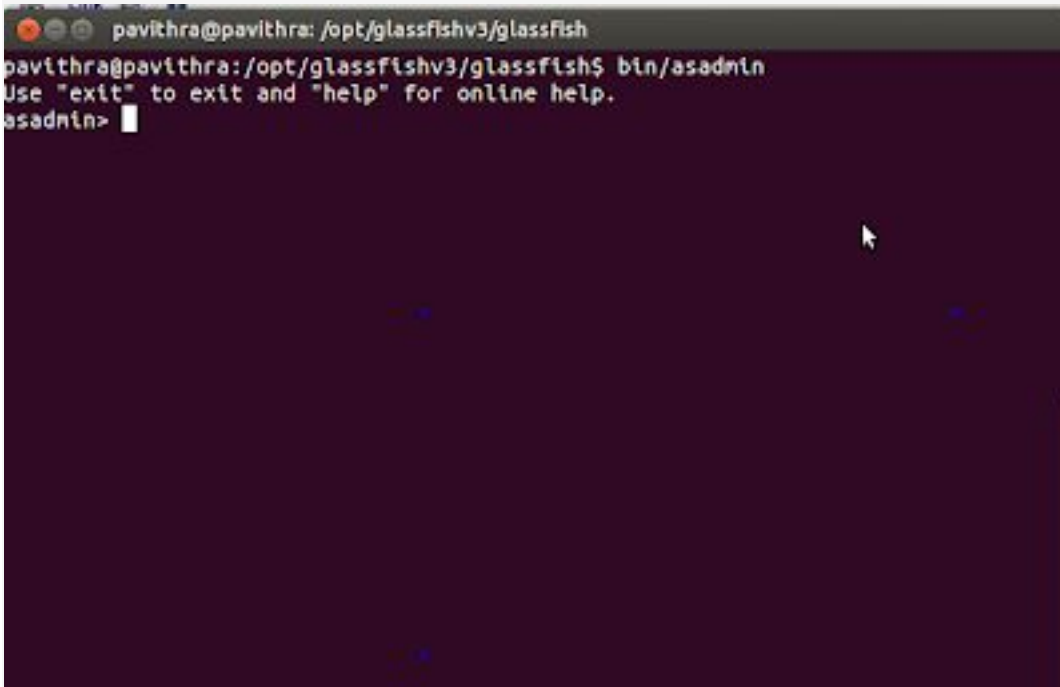
After deploying the war file I can access the project with url
:localhost:8081/icp2152-dvthdh/login

GLASS FISH SERVER

Before trying this out make sure you have installed GlassFish in your machine. Installation is just easy as downloading the zip archive from [here](#) and unzipping it to a desired location.

Creating a new domain

Open up a terminal, change directory to the GlassFish installation directory and run following.

A terminal window with a dark background and light text. The title bar shows 'pavithra@pavithra: /opt/glassfishv3/glassfish'. The prompt is 'pavithra@pavithra:/opt/glassfishv3/glassfish\$'. The command 'bin/asadmin' has been entered. The output shows 'Use "exit" to exit and "help" for online help.' followed by a new prompt 'asadmin>'.

```
pavithra@pavithra: /opt/glassfishv3/glassfish
pavithra@pavithra:/opt/glassfishv3/glassfish$ bin/asadmin
Use "exit" to exit and "help" for online help.
asadmin>
```

This will enable you to use asadmin tool. Now execute the following command to create a new domain. after running this command you will probably have to give admin password and master password.

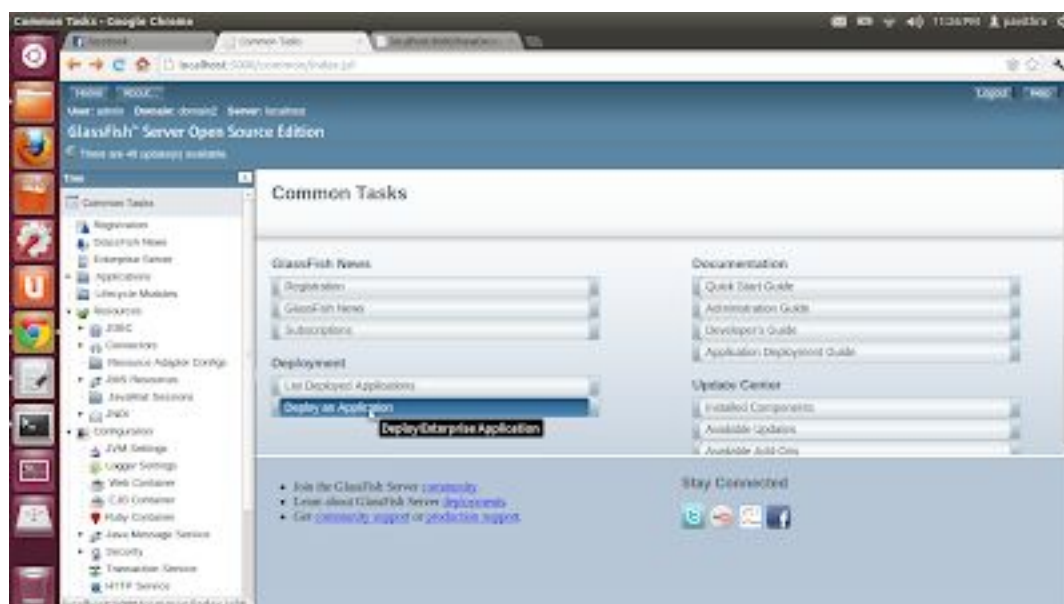
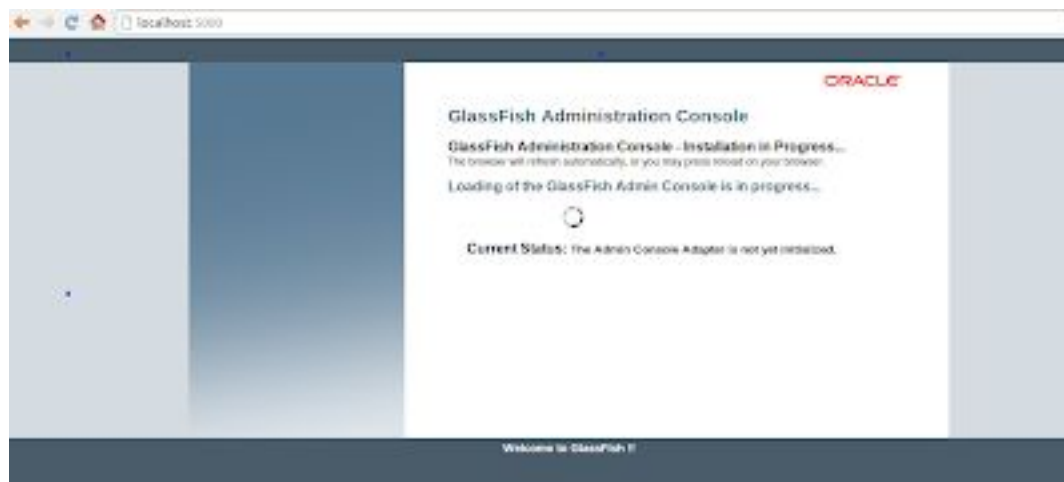
```
paul@ubuntuvm:~$ sudo ./glassfish/glassfish.sh
[...]  
Use "exit" to exit and help" for online help.  
asadmin create-domain --startport 9080 --profile developer -user admin domain2  
Deprecated syntax, instead use:  
asadmin --user admin create-domain [options] ...  
Enter the admin password [enter to accept default or no password]:  
Enter the admin password again:  
Enter the master password [Enter to accept default password "changeit"]:  
Enter the master password again:  
Using port 9080 for Admin.  
Using default port 8080 for HTTP Instance.  
Using default port 7070 for JMS.  
Using default port 2706 for JDBC.  
Using default port 8181 for HTTP SSL.  
Using default port 3630 for HTTPS.  
Using default port 3630 for HTTPS SSL.  
Using default port 3630 for HTTPS MUTUALAUTHN.  
Using default port 8080 for JMX_REMOTE.  
Using default port 8080 for GSI_SHELL.  
Distinquished name of the self-signed X.509 server certificate is:  
[CN=glassfish,ou=GlassFish,dc=oracle corporation,cn=sun.com,Domain creation process involves a step that creates primary key and  
self-signed server certificates. This step failed for the reason shown below.  
This could be because JDK provided keytool program could not be found (e.g.,  
you are running with JRE) or for some other reason. We need to panic, as you  
can always use JAVA-keytool program to do the needed. A temporary JKS-keystore  
will be created. You should replace it with proper keystore before using it for  
SASL.  
Refer to documentation for details. Actual error is:  
keytool error: java.lang.Exception: Key password must be at least 6 characters
```

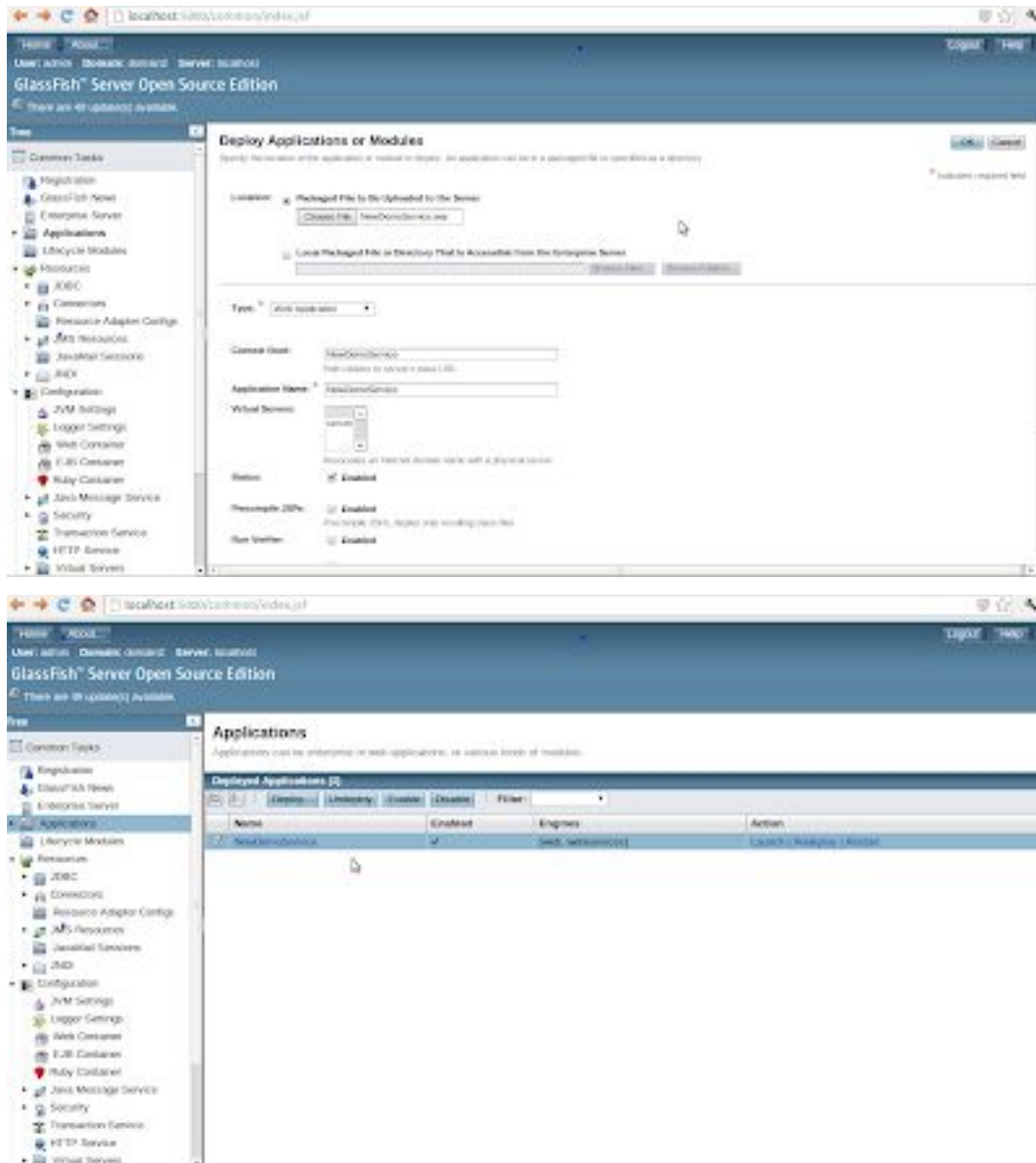
```
No domain initializers found, bypassing com.sun.xml.security.step  
Domain domain2 created.  
Domain domain2 admin port is 9080.  
Domain domain2 admin user is "admin".  
Command create-domain executed successfully.
```

Now open up another terminal and change directory to [glassfish-installation]/domains/ and you will see the newly created domain2 has appeared there.

```
pavithra@pavithra:/opt/glassfishv3/glassfish$ ls domains/  
domain1  domain2  domain3  
pavithra@pavithra:/opt/glassfishv3/glassfish$
```

Open up a browser and go to <http://localhost:5000/>. This will bring you the GlassFish GUI admin console.





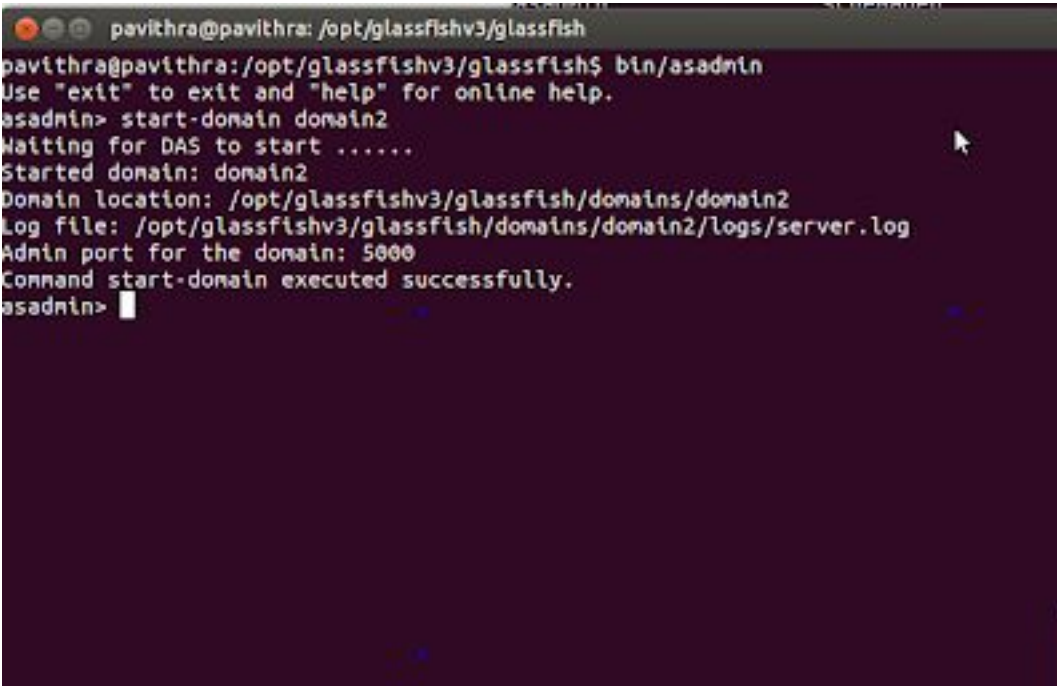
In case you want to delete a domain use the following command.

```
asadmin> delete-domain domain3
Domain domain3 deleted.
Command delete-domain executed successfully.
asadmin> 
```

Starting the domain

To start domain2 run following command.

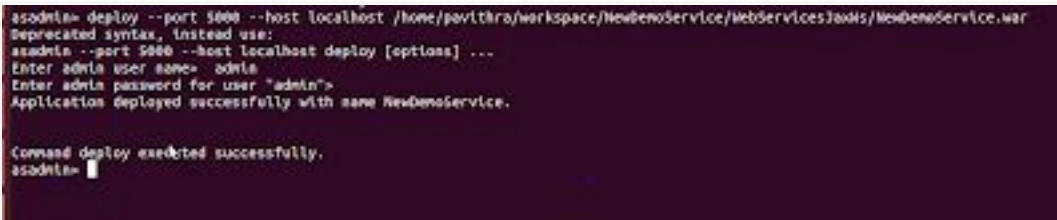
```
start-domain domain2
```

A terminal window with a dark purple background. The prompt is 'pavithra@pavithra: /opt/glassfishv3/glassfish'. The user enters 'bin/asadmin'. The prompt changes to 'asadmin>'. The user enters 'start-domain domain2'. The terminal shows the following output: 'Use "exit" to exit and "help" for online help.', 'asadmin> start-domain domain2', 'Waiting for DAS to start,', 'Started domain: domain2', 'Domain location: /opt/glassfishv3/glassfish/domains/domain2', 'Log file: /opt/glassfishv3/glassfish/domains/domain2/logs/server.log', 'Admin port for the domain: 5000', 'Command start-domain executed successfully.', and the prompt returns to 'asadmin>'.

```
pavithra@pavithra: /opt/glassfishv3/glassfish
pavithra@pavithra:/opt/glassfishv3/glassfish$ bin/asadmin
Use "exit" to exit and "help" for online help.
asadmin> start-domain domain2
Waiting for DAS to start .....
Started domain: domain2
Domain location: /opt/glassfishv3/glassfish/domains/domain2
Log file: /opt/glassfishv3/glassfish/domains/domain2/logs/server.log
Admin port for the domain: 5000
Command start-domain executed successfully.
asadmin>
```

Deploying a war file

Use the following command to deploy your war file.

A terminal window with a dark purple background. The prompt is 'asadmin>'. The user enters 'deploy --port 5000 --host localhost /home/pavithra/workspace/NewDemoService/WebservicesJaxws/NewDemoService.war'. The terminal shows the following output: 'Deprecated syntax, instead use:', 'asadmin --port 5000 --host localhost deploy [options] ...', 'Enter admin user name> admin', 'Enter admin password for user "admin">', 'Application deployed successfully with name NewDemoService.', 'Command deploy executed successfully.', and the prompt returns to 'asadmin>'.

```
asadmin> deploy --port 5000 --host localhost /home/pavithra/workspace/NewDemoService/WebservicesJaxws/NewDemoService.war
Deprecated syntax, instead use:
asadmin --port 5000 --host localhost deploy [options] ...
Enter admin user name> admin
Enter admin password for user "admin">
Application deployed successfully with name NewDemoService.

Command deploy executed successfully.
asadmin>
```


After deploying the war file I can access the project with url
:localhost:8081/icp2152-dvthdh/login



```
<?xml version='1.0' encoding='UTF-8'>
<root test='1'>
  <test>1</test>
</root>
```



```
<?xml version='1.0' encoding='UTF-8'>
<root test='1'>
  <test>1</test>
</root>
```