

Title : GlassFish v3 Prelude Installation Test Specification

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Description: This document contains the test cases for the installer of the GlassFish V3 Prelude distribution.

Overview:

1. GUI Installation
2. Installation options
3. Silent Installation
4. Update Tool
5. Document Review
6. Out of scope / Not supported features
7. Reference documents

Test Cases:

1. GUI Installation:

Although these test cases reflect the GUI components of the installation screen, end-to-end (i.e. complete) installation will be performed where applicable. In general, the test case is self descriptive. If not, additional description is provided.

1.1 Welcome screen

Text -verify typo, product's name, version, etc.
Cancel-Yes, exit installer if selected
Cancel-No
Next -go to the next screen if selected

1.2 License screen

Text
Accept -Next is activated if selected
Do not accept -Default=selected
Do not accept -Next is not activated
Back -go to the previous screen if selected

1.3 Install Home screen

Install Directory-Default=C:\Program Files\V3 for Windows
Install Directory-Default= /V3 for Unix
Install Directory-Nondefault

Browse button (...)
Cancel
Back - if click, verify that value of license's choice is retained
Next - go to the next screen if selected

1.4 GlassFish Configuration

//Admin Port-Default=4848 (Not applicable)
HTTP Port-Default=8080
//Admin Port-Nondefault=XXXX (Not applicable)
HTTP Port-Nondefault=XXXX
Cancel
Back -value of install home is retained if selected
Next -go to the next screen if selected
Next -click Back of the next screen and verify values of the ports are retained

1.5 Update Configuration

Install Update Client -Default=Selected
Install Update Client -install without selected
Proxy Host -Default=empty
Proxy Port -Default=empty
Enable Updatecenter client -Default=Selected
Enable Updatecenter client -install without selected
Cancel
Back -verify values of ports are retained if selected
Next -go to the next screen if selected
Next -click Next and click Back of the next screen and verify

values

of the selections are retained

Set up a proxy server and install using the same proxy host and port

Verify if the same proxy info is transferred to Update Tool

1.6 Ready To Install screen

Check text description and version of the following:
Text-Install UC Bootstrap
Text-Install GFV3 AS
Text-Install Installation&Uninstallation SW
Text-Configure UC Bootstrap
Text-Configure GFV3 AS
Cancel
Back
Next

1.7 Progress screen

Progress bar
Cancel
Back=not activated (grayed out)
Next=not activated (grayed out)

1.8 Summary screen

Overall Status: Complete

Text

Link1-"detailed summary report" which points to install-summary.html

below

Link2-"next steps"

Link3-"log file" which points to install.log below

Link4-<time-stamp>-install-summary.html

Link5-<time-stamp>-install.log

Individual product's status

Cancel=grayed out

Back=grayed out

Exit

1.9 Registration screen

Existing SOA (Sun Online Account)

New SOA - Default

Skip registration

1.10 User Type

// Solaris and Linux

Root

Non-root

1.11 Online Help

TBD

1.12 Desktop Integration

// Windows

Start menu items: Program group

Start menu items: Program group->Start Application Server

Start menu items: Program group->Start Update Tool

Start menu items: Program group->Stop Application Server

Update Center Desktop Icon

// Gnome based desktops (Solaris & Linux)

Update Center Desktop Icon

1.13 Glassfish domain

Created

Able to start

Able to stop

2. Installation Options

- 2.1 `setup[.exe | .sh] [-options]`
 - `// where options include`
- 2.2 `-a <answer file>`
 - `// this is to run the program in silent mode without user interaction.`
- 2.3 `-R <Alternate Root Directory>`
- 2.4 `-l <Log Directory>`
- 2.5 `-q` Logging level set to WARNING
- 2.6 `-v` Logging level set to FINEST
- 2.7 `-j <javahome>` JRE/JDK installation directory to be used.
- 2.8 `-n <answer file to be generated>`
 - `// runs the program and generates the given answer file by capturing user inputs.`
 - `// This can later be used with -a option to run in non-interactive mode.`
- 2.9 `-h | -help <Help message>.`

3. Silent Installation

- 3.1 Install using default values
- 3.2 Install using non-default values

Sample state file:

openInstaller Dry Run Answer File. This File can be used as input to

the openInstaller engine using the `-a` option.

```
#Mon Jun 30 14:00:44 PDT 2008
RegistrationOptions.regoptions.CREATE_NEWACCT=CREATE_NEWACCT
updatetool.Configuration.PROXY_PORT=
RegistrationOptions.regoptions.SKIP_REGISTRATION=SKIP_REGISTRATION
glassfish.Administration.A_ADMIN_PORT=4848
updatetool.Configuration.PROXY_HOST=
SOAccountCreation.accountinfo.COUNTRY=
InstallHome.directory.INSTALL_HOME=/Users/sathyan/glassfish-v3tp2
RegistrationOptions.regoptions.USE_EXISTINGACCT=USE_EXISTINGACCT
SOAccountCreation.accountinfo.FIRSTNAME=
updatetool.Configuration.ALLOW_UPDATE_CHECK=true
SOAccountCreation.accountinfo.PASSWORD=
SOAccountCreation.accountinfo.COMPANYNAME=
SOAccountCreation.accountinfo.COUNTRY_DROP_DOWN=
SOAccountCreation.accountinfo.REENTERPASSWORD=
License.license.ACCEPT_LICENSE=0
RegistrationOptions.regoptions.USERNAME=
SOAccountCreation.accountinfo.LASTNAME=
updatetool.Configuration.BOOTSTRAP_UPDATETOOL=true
RegistrationOptions.regoptions.USERPASSWORD=
glassfish.Administration.A_HTTP_PORT=8080
```

SOAccountCreation.accountinfo.EMAIL=

4. Update Tool

- 4.1 Able to start
- 4.2 Selected available software component is able to install
- 4.3 Selected available software component is able to uninstall
- 4.4 Selected available update component is able to install
- 4.5 Selected available update component is able to uninstall
- 4.6 Able to stop
- 4.7 Update center notifier from desktop

5. Document Review:

- 5.1 Installation guide
- 5.2 Quick Start guide

6. Out of Scope / Not supported features:

- 6.1 // Please see section 4.4 of the InstallerOnePager.txt

6.2 Uninstallation // Currently this feature is not supported:

Uninstallation Options

uninstall[.exe | .sh] [-options]

where options include

-a <answer file>

//this is to run the program in silent mode without user interaction.

-R <Alternate Root Directory>

-l <Log Directory>

-q Logging level set to WARNING

-v Logging level set to FINEST

-j <javahome> JRE/JDK installation directory to be used by

this

program.

-h | -help <Help message>.

7. Reference Documents:

- 7.1 <http://wiki.glassfish.java.net/attach/V3FunctionalSpecs/InstallerOnePager.txt>