



Planning for GlassFish ESB Installation



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Planning for GlassFish ESB Installation

This topic provides background information you should know before you perform the procedures to successfully install GlassFish ESB using a graphical user interface (GUI) or a command line interface (CLI). If you have any questions or problems, go to the GlassFish ESB web site at <http://www.glassfish-esb.org>.

To access all the GlassFish ESB documentation in HTML format, go to the GlassFish ESB documentation page at <http://wiki.open-esb.java.net/Wiki.jsp?page=GlassFishESBDocs>.

What You Need to Know Before Installing

- “GlassFish ESB Supported Operating Systems” on page 6
- “Before You Install” on page 7
- “Preparing for Installation” on page 8
- “UNIX and Linux Patches” on page 8

For GlassFish ESB, GUI and command-line installations are available for all supported operating systems. The command-line installation lets you specify installation parameters in a state file that is invoked via command line options. The GUI installer's wizard takes you through an interactive installation, prompting you along the way with installation questions.

A complete installation includes the following components:

- NetBeans™ IDE 6.1 ML

Note – IDE is an acronym for an integrated development environment. It consists of a number of components, such as a compiler, source code editor, build tools, debugger, browser, object inspector, class hierarchy diagram, and so on. These components can be used when performing object-oriented software development. The integrated tools can also be used to build a graphical user interface (GUI).

- GlassFish v2 Update Release 2 (UR2)

- Open ESB core components
- Java Business Integration (JBI) service engines
- Java Business Integration (JBI) binding components
- Java Business Integration (JBI) component tooling



Caution – GlassFish ESB does not support spaces in the installation directory path.

The process also installs the Sun Uninstallation software.

Note – You must have the JDK™ (Java Development Kit) software installed and JAVA_HOME set prior to installing GlassFish ESB or the Installer will halt the installation.

GlassFish ESB Supported Operating Systems

This topic lists the supported operating system requirements for each platform. The requirements listed in this topic are in addition to the supported system requirements.

For GlassFish ESB, we have separated the supported operating systems into two categories: Design-time (NetBeans) and Runtime (GlassFish).

Supported Design-time Platforms

The operating systems that are compatible with GlassFish ESB design-time components are the same as those that are compatible with NetBeans 6.1:

- Sun Solaris 10 SPARC® (64 bit)
- Sun Solaris 10 x86 (64 bit)
- Sun Solaris 9 SPARC (64 bit)
- OpenSolaris 2008.05
- Microsoft Windows XP SP2 (32 bit)
- Microsoft Windows 2000 SP4 (32 bit)
- Microsoft Windows 2003 R2 SP2 (32 bit)
- Microsoft Windows Vista Business SP1 (32 bit)
- Red Hat Enterprise Linux AS 4 (32 bit)
- Red Hat Enterprise Linux AS 4 (64 bit)
- Macintosh OS X 10.5 x86 (32 bit)
- Macintosh OS X 10.4 PPC (32 bit)

Supported Runtime Platforms

The operating systems that are compatible with GlassFish ESB runtime components are the same as those that are compatible with GlassFish v2 UR2:

- Sun Solaris 10 SPARC (JVM: 32 and 64 bit)
- Sun Solaris 9 SPARC (JVM: 32 bit)
- Sun Solaris 10 x86 (OS: 32 and 64 bit; JVM: 32 bit)
- OpenSolaris 2008.05 (evaluation support only)
- Microsoft Windows XP SP2 and SP3 (OS: 32 bit; JVM: 32 bit)
- Microsoft Windows 2000 SP4 (OS: 32 bit; JVM 32 bit)
- Microsoft Windows 2003 R2 SP2 (OS: 32 bit; JVM 32 bit)
- Microsoft Windows Vista Business SP1 (OS: 32 bit; JVM 32 bit)
- Red Hat Enterprise Linux AS 4 (OS: 32 bit; JVM: 32 bit)
- Red Hat Enterprise Linux AS 4 (OS: 64 bit; JVM 32 bit)
- Macintosh OS X 10.5 x86 (OS: 32 bit; JVM 32 bit)
- Macintosh OS X 10.5 PPC (OS: 32 bit; JVM 64 bit)

Note – Macintosh OS X is supported for development purposes only, and is not supported for production deployments.

Before You Install

The following items explain issues to consider before you begin your GlassFish ESB installation.

Mozilla Firefox Version

GlassFish ESB supports Mozilla Firefox v. 2.0 or above for accessing all GlassFish ESB browser components.

Internet Explorer Version

GlassFish ESB supports Internet Explorer 6.0 (Service Pack 1 or Service Pack 2) and Internet Explorer 7.0 for accessing all GlassFish ESB browser components.

GlassFish ESB Installation Requirements

To install GlassFish ESB, you need **185 MB** of free storage space.

Windows Pre-Installation

Exit from all Windows programs prior to running the setup.

Default User Names and Passwords

The GlassFish default user name is *admin* and the password is *adminadmin*. You use them when you start GlassFish.

Preparing for Installation

- Select the system(s) that will host NetBeans.
- Ensure that each system that you select meets the system requirements for GlassFish ESB. For more information on resource requirements, see [“Before You Install” on page 7](#).

JDK and JAVA_HOME

The Java Development Kit (JDK) must be installed, and the JAVA_HOME environment variable must be set, on the computer on which you install GlassFish ESB prior to beginning the installation. Different operating systems require different JDK. To determine which JDK you need, see the GlassFish ESB installation documentation for [GUI installation](#) and [CLI installation](#).

UNIX and Linux Patches

There are required and certified UNIX and Linux patches for GlassFish ESB. The following topics provide information about patches:

- [“Checking Patch Levels” on page 8](#)
- [“Certified Sun Solaris 9 and 10 Patches” on page 9](#)
- [“Linux Patches” on page 9](#)

Checking Patch Levels

Use these commands to check which patch levels are currently installed on your operating system:

- Sun Solaris patches

```
pkginfo  
cat /etc/release
```

- Linux patches

```
uname -a
```


Certified Sun Solaris 9 and 10 Patches

Daylight Savings Time Patches

If you want your logger and scheduling to be correct, you need to install the appropriate patches:

- **SPARC Platform**
 - Solaris 10 with timezone patch 122032-04 or later and libc patch 119689-07 or later
- **AMD Opteron Platform**
 - Solaris 10 with timezone patch 122033-03 or later and libc patch 121208-02 or later

Linux Patches

The following patches are certified patches for Red Hat Linux and SUSE Linux:

Certified SUSE Linux Enterprise Server 10 Daylight Savings Time Patch

If you want your logger and scheduling to be correct on your Linux systems, you need to install this Daylight Savings Time patch:

`tzdata-2007c-1.el2_1`

