

The GlassFish™ Community

The Clear Choice for the Web

What is Project GlassFish?

- An open source community developing the Java™ Platform, Enterprise Edition (Java EE 5) reference implementation. Members include Sun, Oracle (Toplink Essentials Java Persistence community), and private individuals
- Provides the basis for Sun Java System Application Server (SJSAS) 9 and Java EE 5 Software Developers Kit

What is new and exciting in Project GlassFish?

- More than 1500 members of the GlassFish community are building a free, open source, commercial-grade application server implementing new Java EE 5 software features
- GlassFish V2 is supported by more than 100 applications and frameworks
- GlassFish V2 includes significant performance improvements and adds enterprise features to enable GlassFish to be deployed in high-volume production environments
- Web Services Interoperability Technology (WSIT) (wsit.dev.java.net) is tightly integrated in GlassFish V2 so applications can interoperate between Web services hosted on Java and Windows environments
- GlassFish V2 incorporates Shoal (shoal.dev.java.net) and JXTA (www.jxta.org/) for a reliable, scalable, self-organizing, network-transparent, and secure clustering infrastructure
- Glassfish Update Center for automated download and installation of additional product components and their updates

What are the licensing terms?

Available under both the Common Development and Distribution License (CDDL) and GNU Public License (GPL V2 with the Classpath Exception) to maximize compatibility with other open source middleware projects and with GNU/Linux distributions

What other technologies are included in Project GlassFish?

- Java API for XML Processing (JAXP), Streaming API for XML (StAX) 1.0, Java API for XML-based RPC (JAX-RPC) 1.1
- FastInfoset, Java API for XML Registries (JAXR), SOAP with Attachments API for Java (SAAJ), XML Web Services Security (XWSS), Java Web Services Developer Pack, plus five related projects
- Persistence technologies: Enterprise JavaBeans™ (EJB™) 3.0, Java Persistence 1.0
- Web application component standards: JavaServer™ Faces (JSF) 1.2, Servlet 2.5, JavaServer Pages™ (JSP) 2.1
- Web services APIs: WSIT, Java API for Web Services (JAX-WS) 2.1, Java Architecture for XML Binding (JAXB) 2.1, StAX 1.0, and many other new or updated technologies

How do I get involved?

- Go to java.sun.com/javaee/glassfish to become part of the GlassFish community
- Download the source, build the application server, deploy it, develop on it, even redistribute it
- Contribute fixes and features and help shape the future of the GlassFish implementation

What tools can be used with GlassFish?

- NetBeans™ is used to build GlassFish binaries; a community-supported Eclipse plug-in is available; IntelliJ web services plugin

What platforms are supported?

- Solaris™ OS on SPARC® and x86, Microsoft Windows, Red Hat and Ubuntu Linux, Mac OS X

What databases are supported?

- Java DB, based on Apache Derby; Oracle 8, 9, and 10; MySQL (after 2005); MSSQL 2005

What are the current releases?

- GlassFish V1, the reference implementation for Java EE 5, was released in May 2006
- GlassFish V2, which supports high availability, clustering, and administration, will be released in Q3-07

Where can I get more information and support?

- The GlassFish Community: glassfish.java.net
- Open source Java pages: openjdk.dev.java.net
- NetBeans: www.netbeans.org
- Sun Open Source Initiatives: sun.com/opensource