

Sun Microsystems: Open Source for the Enterprise



For more than 20 years, Sun Microsystems has worked with partners and communities to build open and standard business solutions, working historically with technologies as diverse as NFS, TC/TKL, and Tomcat. This long and proud history of innovation and collaboration has provided Sun with the knowledge and experience to successfully work with many open source communities, as evidenced at sunsources.net.

Today, more and more customers are asking for the freedom that an open source base provides — without losing the enterprise characteristics they need to run their businesses efficiently. Sun works within open source communities like OpenOffice.org, NetBeans™, and OpenSolaris™, and also creates commercial products such as the StarOffice™ office productivity suite, Sun Java™ Studio Creator development software, and the powerful Solaris™ 10 Operating System. With Sun's ongoing commitment to open source, customers get the best of both worlds: The freedom of open source combined with the security, support, and indemnity that allow for planned operations and deliver cost savings with confidence.

Grid Engine

The Grid Engine project is an open source community effort to facilitate the adoption of distributed computing solutions. Sponsored by Sun and hosted by CollabNet, the Grid Engine project provides enabling distributed resource management software for wide-ranging requirements — from compute farms to grid computing. The Grid Engine project is about expanding the application and use of distributed computing. The goal is to advance Grid Engine technology, establish community-driven standards for distributed computing, and enable developers to create innovative services and applications across distributed heterogeneous compute environments.

You can learn more about the Grid Engine project at gridengine.sunsources.net.

java.net

java.net is the realization of a vision of a diverse group of engineers, researchers, technologists, and evangelists at Sun to provide a common area for interesting conversations and innovative development projects related to Java technology. The community continues to grow, with industry associations, software vendors, universities, and individual developers and hobbyists joining every day. As they meet, share ideas, and use the site's collaboration tools, the communities they form will uncover synergies and create new solutions that render Java technology even more valuable.

You can learn more about the java.net community at java.net.

Jini™ Network Technology

Sun reaffirmed and extended its commitment to open source for the enterprise by bringing open source licensing to Jini network technology. Created by Sun Microsystems and currently advanced by a very active Jini community, Jini network technology enables Java dynamic networking for the creation of technology systems that are highly adaptive to change. Jini technology is currently being used within and beyond the enterprise to satisfy needs for grid computing, dynamic systems integration, dynamic clustering, edge networking, workflow and message switching, ad hoc networking, and dynamic service provisioning. Empowered by Sun's release of its own Jini network technology contributions under an open source license, the Jini community (including Sun) is leveraging licensing freedoms of choice to expand the use of this important enterprise technology today.

You can learn more about the Jini community at jini.org.

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JXTA™ Technology

JXTA technology is a set of open protocols that allows any connected device on the network — ranging from cell phones and wireless PDAs to PCs and servers — to communicate and collaborate in a peer-to-peer (P2P) manner. The JXTA community is very diverse, including members from ISVs, corporate IT, and academia as well as many independent developers and consultants. jxta.org members interact through a variety of online means such as e-mail list discussions, project collaboration, and more as well as via face-to-face community meetings.

You can learn more about the JXTA community at jxta.org.

NetBeans Project

Sun Microsystems started the NetBeans open source project, the first and still only 100% Pure Java™ open source IDE, in June 2000 with the donation of \$14 million worth of code. The latest version, NetBeans IDE 4.0, includes one of the largest-ever donations (350,000 lines of code) to an open source community. The NetBeans IDE is based on an open architecture that enables you to add features to the IDE. Using the NetBeans APIs, user can create their own plug-in in modules or even develop entirely new applications that are based on the NetBeans platform.

You can learn more about the NetBeans project at netbeans.org.

OpenOffice.org

OpenOffice.org software is a multiplatform office productivity suite. It includes all the key desktop applications — word processor, spreadsheet, presentation manager, database tool, and drawing program — with a user interface and feature set similar to other office suites. Sophisticated and flexible,

OpenOffice.org also works transparently with a variety of file formats, including those of Microsoft Office, and is available in over 45 supported languages. The default file format is an open XML format, and beginning with version 2.0, OpenOffice.org will support the OASIS OpenDocument standard XML format. OpenOffice.org is developed, supported, and promoted by an international community of volunteers with its main sponsor and primary contributor being Sun Microsystems.

You can learn more about OpenOffice.org at openoffice.org.

OpenSolaris Operating System

In Q2 2005, the source code for the Solaris 10 Operating System will be made available under the terms of the OSI (Open Source Initiative)-approved Common Development and Distribution License (CDDL) Version 1.0. The OpenSolaris OS represents a significant milestone in the history of Sun, with millions of development hours worth of code and over 1600 patents being contributed to the open source community. With the OpenSolaris OS and community, Sun is helping foster the innovation and collaboration needed to open up new opportunities for developers, customers and partners.

You can learn more about the OpenSolaris OS at opensolaris.org.

SunSource.net

SunSource.net is an information, news, and links site devoted to Sun's involvement in free and open source projects. Here visitors will find the latest updates from any of the free and open source projects with which Sun is involved, as well as the latest news on general open source topics.

You can learn more about Sunsource.net at <http://sunsources.net>.

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