



JAVASERVER PAGES™ AND JAVA™ SERVLET TECHNOLOGIES

DYNAMIC CONTENT GENERATION FOR THE WEB

JavaServer Pages™ (JSP) and Java™ Servlet technologies from Sun enable Web developers and designers to rapidly develop and easily maintain information-rich, dynamic Web pages that leverage existing business systems. As part of the Java product family, these technologies leverage the Java architecture and enable companies to rapidly create Web-based applications. And unlike many other solutions, both JSP and Java Servlet technologies are completely platform independent. With these technologies, developers can use the tools and interfaces they are already familiar with to develop and deploy dynamic Web pages — on any platform.

RAPID WEB DEVELOPMENT, DEPLOYMENT, AND MAINTENANCE

JavaServer Pages and Java Servlet technologies simplify and speed the development process for developers and page authors alike. Once developed, JSP pages are easy to maintain because the application logic is separated from the page design and content.

REUSABLE COMPONENTS

Most JSP pages rely on reusable, cross-platform components — JavaBeans™ or Enterprise JavaBeans™ components — to perform the more complex processing required for an application. Developers can share and exchange components that perform common operations, and make them available to larger user or customer communities.

PLATFORM INDEPENDENCE AND WIDESPREAD SUPPORT

JSP and Java Servlet technologies deliver “Write Once, Run Anywhere™” capability, offering unprecedented reuse on any platform, any server. Many Web and application servers currently deliver or are about to deliver products that support both JSP and Java Servlet technologies.



java.sun.com/products/jsp/
java.sun.com/products/servlet/

HIGHLIGHTS

- | | | |
|---|---|--|
| <ul style="list-style-type: none"> • Portability across platforms and servers • Robust exception management and memory management | <ul style="list-style-type: none"> • Access to the wide range of Java APIs (JDBC™, JavaMail™, etc.) • Portable, reusable logic components | <ul style="list-style-type: none"> • High performance for multiple concurrent requests • Easy deployment and maintenance |
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INDUSTRY SUPPORT FOR JAVASERVER PAGES AND

JavaServer Pages and Java Servlet technologies provide a powerful platform for creating content-rich, dynamic Web pages. And it's because of this that both technologies have generated strong industry support. Here are just a few of the companies that are currently developing JSP and Java Servlet technology-enabled products.

For more information about any of the products listed, please contact the company directly. For the latest list of companies and products that support JSP and Java Servlet technologies, please visit java.sun.com/products/jsp/industry.html.

ALLAIRE

www.allaire.com

JRUN

A Java Servlet and JSP technology implementation for a number of Web servers. JRun 2.3.3 supports Java Servlet 2.1 and JSP 1.0; JRun 3.0 supports Java Servlet 2.2 and JSP 1.1 and will include a full implementation of the Java 2 Platform, Enterprise Edition (J2EE™) 1.2 and a tag library. JRun 3.0 is currently in beta with final release expected in the first half of 2000.

APACHE SOFTWARE FOUNDATION

jakarta.apache.org

TOMCAT

A Java Servlet and JSP container with integration into Apache. Tomcat 3.0 supports Java Servlet 2.2 and JSP 1.1. Tomcat 3.1 provides better integration into Apache.

BEA

www.bea.com

BEA WEBLOGIC APPLICATION SERVER

A full J2EE platform. WebLogic 4.5 supports Java Servlet 2.1 and JSP 1.0. WebLogic 5.0 has Java Servlet 2.2 and JSP 1.1 support and is currently in beta with final release expected in the first half of 2000.

BLUESTONE

www.bluestone.com

BLUESTONE SAPPHIRE/WEB

A Web Application Server.

BLUESTONE XML-SERVER

An XML Integration Server.

BLUESTONE TOTAL-E-BUSINESS

An E-Business Platform.

Bluestone's current releases support Java Servlet 2.1 and JSP 1.0. Next releases will support Java Servlet 2.2 and JSP 1.1 and are currently in beta with final versions expected in the first half of 2000.

CAUCHO

www.caucho.com

RESIN

A Java Servlet and JSP container for a number of Web servers. Resin 1.0 supports Java Servlet 2.1, JSP 1.0, and server-side JavaScript™ scripting, as well as XSLT 1.0. It also includes a standalone HTTP/1.1 Web server. Resin 1.1 beta will support Java Servlet 2.2 and JSP 1.1 and is expected in the first half of 2000.

EXOFFICE

www.exoffice.com

INTALIO

A Java technology/XML enterprise application server based on open source technology that supports Java Servlet 2.2 and JSP 1.1. Intalio initial release is expected in the first half of 2000.

GEFION SOFTWARE

www.gefionsoftware.com

INSTANTONLINE BASIC FOR JSP

A JSP 1.1 tag library. InstantOnline Basic for JSP contains actions for access and presentation of DB, e-mail, uploading and manipulation of files, and more, and is scheduled for release in early 2000.

LITEWEBSERVER

A small, Java technology Web server. LiteWebServer supports the Java Servlet 2.2 API and bundles Tomcat's JSP container for JSP 1.1.

WAICOOLRUNNER

A servlet container. WAICoolRunner supports Java Servlet 2.2 and JSP 1.1 and plugs into Netscape's FastTrack Server 3.01 and Enterprise Server 3.0, 3.5 and 3.6.

GEMSTONE

www.gemstone.com

GEMSTONE/J 3.1

A Java technology application server. GemStone/J supports Java Servlet 2.1 and JSP 1.0. The next release is expected to support Java Servlet 2.2, JSP 1.1, and J2EE 1.2.

INPRISE

www.inprise.com

INPRISE APPLICATION SERVER 4

A J2EE platform application server. The current version supports Java Servlet 2.1 and JSP 1.0. The next version is expected to offer support for Java Servlet 2.2 and JSP 1.1.

IPLANET

www.iplanet.com

NETSCAPE™ APPLICATION BUILDER V6.0

NETSCAPE EXTENSION BUILDER V6.0

NETSCAPE APPLICATION SERVER V6.0

All versions work together, support Java Servlet 2.2 and JSP 1.1, and plan to ship in April 2000. The 4.0 versions support Java Servlet 2.1 and JSP 0.92, with JSP 1.0 provided in an add-on. All versions are shipping now.

JAVA SERVLET IS BROAD AND GROWING

IPLANET™ WEB SERVER ENTERPRISE EDITION

Version 4.0 SP3 supports Java Servlet 2.1 and JSP 0.92 and is available now. A JSP 1.0 add-on is also available. Version 4.1 plans to support Java Servlet 2.2 and JSP 1.1. The 4.1 release is expected in early 2000; the Linux build is available now. A free, simpler fastrack edition is expected to be available in May 2000.

LUTRIS TECHNOLOGIES

www.enhydra.org

ENHYDRA

An open source, Java technology/XML application server. Enhydra 2.4 is expected to support Java Servlet 2.2 and JSP 1.1 with a beta version in early 2000.

MACROMEDIA

www.macromedia.com

DRUMBEAT 2000 (JSP)

An authoring tool for building database-driven Web applications powered by JSP — without manual coding. Drumbeat 2000 supports JSP 0.92 for IBM WebSphere and is shipping now.

NEW ATLANTA COMMUNICATIONS, LLC

www.newatlanta.com

SERVLETEXEC

A Java Servlet and JSP container for Microsoft IIS, Netscape Enterprise, Apache, and Mac OS Web servers. Version 2.2 supports Java Servlet 2.1 and JSP 1.0 and is expected in early 2000. Version 3.0 will implement Java Servlet 2.2 and JSP 1.1.

ORACLE

www.oracle.com/java/

ORACLE8I AND THE ORACLE JSERVER

A deployment platform for Java applications. The Oracle JServer emphasizes scalability and high availability for the enterprise. The current version is in beta and supports Java Servlet 2.2 and JSP 1.1. The final version is planned for a mid-2000 availability.

ORACLE JDEVELOPER 3.0

An IDE for creating enterprise-scale, component-based, multitier applications in the Java language. The current version supports Java Servlet 2.0 and JSP 1.0. The next version is expected to support Java Servlet 2.1, with availability in early 2000. Both products support XSLT and SQLJ in JSP, life cycle events, and others.

ORION SOFTWARE

www.orionserver.com

ORION SERVER

A full J2EE 1.2 technology implementation, including Java Servlet and JSP specifications. The Orion Server supports Java Servlet 2.2 and JSP 1.1 and is currently in the latter stages of beta.

SILVERSTREAM

www.silverstream.com

SILVERSTREAM APPLICATION SERVER V3.0

J2EE technology-based platform for building, deploying, and running enterprise Web applications. The SilverStream Application Server supports Java Servlet 2.1 and JSP 1.1 and is expected in early 2000.

SUN'S FORTE SOFTWARE

www.sun.com/forte/

FORTE™ FOR JAVA™, COMMUNITY EDITION 1.0

An IDE for JSP software. The 1.0 release in February 2000 supports Java Servlet 2.1 and JSP 1.0. Java Servlet 2.2 and JSP 1.1 support is expected for June 2000. Forte for Java, Community Edition is available free of charge.

FORTE™ FOR JAVA™, INTERNET EDITION 1.1

A complete IDE for the Java 2 Platform, Standard Edition (J2SE™) and J2EE platforms. Forte for Java, Internet Edition supports Java Servlet 2.2 and JSP 1.1, including tag libraries and testing, and is expected to be available in June 2000.

WEB SITES USING JAVASERVER PAGES AND JAVA SERVLET TECHNOLOGIES:

rewards.lycos.com

www.americancentury.com

www.anystudent.com

www.bmw.se

www.clickrewards.com

www.digitalthink.com

www.exolab.org

www.firstusa.com

www.flashline.com

www.franklin.turnstonepub.com

www.go2net.com

www.goto.com

www.iamaze.com

www.intessera.ru

www.javacorporate.com

www.jguru.com

www.listen.com

www.micron.net

www.msgto.com

www.nicetime.net

www.photopoint.com

www.pogo.com

www.projectachieve.com

www.propel.com

www.sanitas.com

www.savvy.com

www.spray.se

www.starwars.com

www.suckage.com

www.surveyleader.com

www.swrt.com

www.talentportal.com

www.theman.com

www.thesportsauthority.com

www.town24.com

www.vet.com.au

www.webswap.com

www.wine.com

www.yep.com

www.zanybrainy.com

JSP AND JAVA SERVLET IN ACTION



carOrder.com

"carOrder.com is the Internet's first and largest automotive eDealer. The fundamental architecture of carOrder.com is built on JSP and Java Servlet platforms, which have allowed us to get to market quickly, scale very effectively, and easily handle day-to-day site maintenance. We carefully evaluated several alternatives, and are confident JSP and Java Servlet technologies were the right choice."

*Joshua Walsky
Chief Architect and Co-founder
carOrder.com*

PERCEPTUAL ROBOTICS, INC. www.perceptualrobotics.com

Perceptual Robotics develops and markets TrueLook software systems for live visual telepresence. JSP and Java Servlet technologies give our product an incredibly flexible and scalable platform for real-time visual processing.

We have dozens of industry-leading customers who use our JSP/Java Servlet technology-based solution to do business better, including:

IBM
Harley Davidson
FAO Schwarz
Microsoft/MSNBC

Universal Studios
Ford Motor Company
NBA.com
CNN



To learn more about JSP and Java Servlet technologies, please see:

- java.sun.com/products/jsp/
- java.sun.com/products/servlet/

JAVASERVER PAGES: DYNAMIC GENERATION FOR THE WEB

Provides an overview of JSP technology, describing the background in which it was developed as well as the overall goals for the technology

THE JAVA SERVLET API

Provides an overview of servlet technology, describing the overall goals for the technology as well as highlighting Java Servlet features, including performance, life cycle, security, and more

JAVASERVER PAGES TECHNOLOGY: A SIMPLIFIED GUIDE

Explores how JSP technology enables a tiered development methodology that lets organizations leverage internal programming expertise to create applications that are fast to deploy and easy to maintain

COMPARING JAVASERVER PAGES TECHNOLOGY AND MICROSOFT ACTIVE SERVER PAGES

Examines the differences between JavaServer Pages and Microsoft Active Server Pages (ASP) technologies

JAVASERVER PAGES TECHNOLOGY: POWERING THE WEB EXPERIENCE WITH DYNAMIC CONTENT

Describes how JSP technology extends the basic servlet framework to support easier and faster page authoring and maintenance

JAVASERVER PAGES TECHNOLOGY FOR SERVLET DEVELOPERS

Explores how JSP technology complements the use of the Java Servlet API

JAVA SERVLET AND JAVASERVER PAGES TECHNOLOGY: COMPARING METHODS FOR SERVER-SIDE DYNAMIC CONTENT

Compares CGI, mod_perl, and PHP solutions with Java Servlet and JSP technologies

JAVASERVER PAGES DEVELOPER'S GUIDE

Shows how to use JSP technology for Web and enterprise developers

JAVASERVER PAGES SYNTAX CARD AND CORE SYNTAX REFERENCE

Offers handy references to JSP tags and their syntax

THE JAVA TUTORIAL ON SERVLETS

A detailed servlet tutorial that covers topics such as interacting with clients and the servlet life cycle.

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