



WSStudio Quick Reference

(Eclipse, WebSphere Studio, WSSD, WSAD, WSAD-IE, WSED)

(Updated 2002/10/24) (Newest material at <http://WebSphereCentral.com>)



Links

- What's new in V5: [Detailed Web Page Overview](#), [Detailed Presentation Overview](#)
- JumpStart Now: [Tutorial Demos](#), ["How-To" Resources](#), [WS Training](#), [WS Services](#), [IBM Ed](#)
- Technical Overviews: [Tech Overview Homepage](#), [Tech Overview WhitePaper](#), [Tech RedBook](#)
- Homepages & Plugins: [WSAD Homepage](#), [WSStudio Family Homepage](#), [Plugins Directories](#)
- Eclipse open source (created by IBM): [Eclipse WhitePaper](#), <http://Eclipse.org>
- Microsoft Comparisons: [Platform-wide and tooling specific comparison white papers and articles](#)
- Other WebSphere Servers, Middleware and Tools: [WebSphere Quick Reference](#), [A-Z WebSphere products](#), [Wireless](#)
- Your opinions and ideas count! [Request a new feature and/or VOTE on existing feature requests](#)

Top 10 Components (WSStudio/Eclipse plugins that go beyond the base function in Eclipse)

- Java IDE (Eclipse IDE infrastructure plus Code-assist, re-factoring, incremental compile, debug, and more)
- Web Page Tooling (HTML, JSP, JavaScript, TagLibs, etc.)
- J2EE, EJB Tooling with O/R mapping (J2EE 1.2 and 1.3, including EJB2.0 enhancements)
- Web Services Tooling
- XML/XSL Tooling
- Database Tooling
- Testing and Performance Profile Tooling
- Integrated Servers (v4, v5, etc.) dramatically streamline local/remote testing/debugging w/ incremental pub
- J2EE packaging and deployment (EAR, WAR, JAR files, Deployment Descriptors completely automated)
- Teaming and SCMs (ClearCase, CVS and others)
- Plugin extensibility
 - [Third Party Plugins](#): Coding, Modeling, Frameworks, Testing, Teaming etc. (>100 from 3rd parties & open source)
 - [IBM Plugins](#) not listed above include: [Portal](#) / [Portlets](#), [Voice](#), [PvC](#) / [Wireless](#), [JCA-J2EE/CA](#), [micro-flows](#), [thick-client visual builder](#), [Stored Procedures](#), [AS/400 iSeries](#), [Cobol](#), [PL/I](#), [ASM](#), [EGL](#), [Struts "Visual Builder"](#), and more coming.

Awards and Accomplishments

- Awards: Best J2EE IDE, Most Innovative Product, Best Web Services, etc. including: JDJ 2002 Readers Choice Awards ([Details](#)), JavaOne/JavaPro awards, InfoWorld 2002 Readers Choice, Web Services Journal (WSJ) 2002
- Gets very high marks from Microsoft, JBuilder, Visual Café, TogetherSoft AND VAJava developers alike
- Integrates multiple development roles/tooling into a single IDE, providing unequalled flexibility
- Has a unique plugin architecture (>200 vendors integrating their products) (IBM cross-brand tooling)
- IBM created the Eclipse.org open source project, based on the WSStudio core

Capabilities

At-a-glance: WSStudio is an IDE written in Java, entirely J2EE Web Services based, the genesis of Eclipse.org, JDK pluggable per project, file based, drag/drops with Explorer and runs MS Win apps inside IDE using ActiveX

- Combines multiple tools into one, while preserving the continuity and roles of developers including Java, Servlet, JSP, EJB, database, JavaScript, web page design, XML, Web Services, Ant, JUnit and more...
- Web Services built faster in WSStudio than any other development environment
- Plugin architecture is multi-layered to loosely and tightly integrate with 3rd party vendor software
- Plugins include Coding, Modeling, Frameworks, Testing, Teaming, Portal and Best Practices to name a few
- Teaming support for optimistic/pessimistic versioning (i.e. CVS and ClearCase respectively, and others)
- Builds, tests and deploys J2EE applications. Automatic/incremental builds of EAR, WAR, JAR & DD files
- JCA: Builds code to connect to backend systems like CICS, IMS and SAP. Other J2C backends as well.
- Integrates J2EE test servers, controllable locally and remotely, with auto-incremental "Smart Publishing"
- Uses same debugger for local and remote debugging (JDI based for JVM/AppServer agnostic debugging)
- Component Testing and Performance Profiling to round out your QA activities
- XML/XSL tooling with code-assist, debugging & wizards make transformations & Web Services easier