

Borland® JBuilder® 2005

Frequently Asked Questions

General Questions

What is Borland® JBuilder®?

Borland® JBuilder® is the leading cross-platform environment for building industrial-strength enterprise Java applications. JBuilder 2005 Enterprise speeds Enterprise JavaBeans,™ Web, Web Services, XML, mobile, and database application development with two-way visual designers and rapid deployment to leading J2EE™ application servers, including BEA® WebLogic,® IBM® WebSphere,® Sybase® EAServer, JBoss,® and the integrated Borland® Enterprise Server. Power productivity with innovative JavaServer™ Faces (JSF™), Struts, and Web Services designers, support for Java™ 2 Standard Edition (J2SE™) 5.0 (JDK™ 1.5), UML® code visualization, distributed refactoring, code audits, enterprise unit testing, and support for multiple version-control systems. Build in quality with integrated Borland® Optimizeit™ Suite performance tools and Java™ 2 Enterprise Edition (J2EE™) profiling.

What's new in JBuilder 2005?

Some of the major new and enhanced features of JBuilder:

- **Step up to the benefits of J2SE 5.0 (JDK 1.5) and J2EE 1.4** to speed development and enhance scalability and performance. JBuilder 2005 provides support for all of the new language features of J2SE 5.0, plus support for J2EE 1.4 with XML and Web Services.
- **Take advantage of new JavaServer™ Faces (JSF™) technologies** to build Web interfaces faster than ever—without losing control over your code. Our drag-and-drop visual flow designer and JSF code editor make it easy to create JSF artifacts and assemble them into a fully functional application.
- **Build higher-quality, high-performance applications** with Optimizeit Profiler, included at no extra cost in JBuilder 2005 Developer. Analyze the performance behavior of code across J2EE application tiers with Optimizeit Request Analyzer in JBuilder 2005 Enterprise.
- **Increase team efficiency** with distributed refactoring that enables you to refactor across libraries or projects... Apache™ Ant script debugging support... improved version-control integrations and support for Subversion... and much more.
- **Benefit from expanded integration** across the application lifecycle. Direct integration with Borland® CaliberRM™ requirements management lets you view, link, and filter requirements right from within the JBuilder IDE. Enhanced integration with Borland® StarTeam® provides support for project groups. Plus, bundled premium tools—including Crystal Reports® for JBuilder, Fortify Software for Borland JBuilder, Sybase® EAServer integration module, eBay® SDK for Java, and Vignette® Portal plug-in for JBuilder—expand your development toolkit even more.

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What new features have been added in recent versions of JBuilder?

JBuilder 2005 introduces these powerful new tools and features!

- JavaServer Faces (JSF) development
- Support for J2SE 5.0 (JDK 1.5) and J2EE 1.4
- Code audits
- Integration with CaliberRM and improved integration with StarTeam and CVS
- Distributed refactoring
- Optimizeit Request Analyzer in JBuilder Enterprise
- Debugging of Ant scripts
- Updated integration with the latest versions of the leading application servers
- Usability and performance improvements throughout
- Available on Windows,® Linux,® Solaris,™ and Mac OS® X.

JBuilder 10 added...

- Configurable personalities to streamline the environment to fit your needs
- Additional refactorings and convenient access to refactor menu
- Code folding for easier navigation through large source files
- Enhanced syntax highlighting, including graying-out of unused variables, methods, and imports
- TagInsight™ for JSP, HTML, XML, and Ant build files
- Enhanced visual deployment descriptor editor
- Two-way visual Web Services and Struts designers

JBuilder 9 added...

- Wizards for building applications based on Session Façades, Struts, and DTO patterns
- Borland Optimizeit Suite performance tools integrated within the JBuilder IDE
- Additional team development support for CVS, Microsoft® Visual SourceSafe® and Rational® ClearCase®

Which JBuilder is right for me?

JBuilder Enterprise is a comprehensive development solution for designing, coding, and deploying industrial-strength enterprise Java applications. Development teams who want to build EJB applications or Web Services, want easy deployment to J2EE application servers, and want tools and wizards to speed development and optimize performance choose JBuilder Enterprise for its powerful enterprise development and deployment capabilities.

JBuilder Developer is a powerful Java IDE that speeds development of Web, database, and mobile applications. Developers and teams looking for a lower cost and lighter weight but still powerful development solution choose JBuilder Developer for its powerful features, including visual designers for JavaServer Faces and Struts, distributed refactoring, code audits, unit testing, advanced debugging, team development, and included Borland® Optimizeit™ Profiler to deliver fast, scalable, reliable applications..

JBuilder Foundation is a great Java development environment for students who want to learn Java and for developers who want a redistributable foundation on which to build standalone Java applications and plug-ins.

Use the feature matrix below to compare the new features in JBuilder Developer and Enterprise. For more details, see the full Feature Matrix on the JBuilder product page at <http://www.borland.com/jbuilder>.

JBUILDER 2005 NEW FEATURE COMPARISON	DEVELOPER	ENTERPRISE
JavaServer Faces editor and visual flow designer	X	X
J2SE 5.0 support, refactoring, and debugging	X	X
Optimizeit Profiler	X	X
Code audits	X	X
Distributed refactoring	X	X
Enhanced version control support and Subversion integration	X	X
Enhanced Web development tools	X	X
Ant script debugging	X	X
Optimizeit Request Analyzer for J2EE profiling		X
J2EE 1.4-enabled EJB designer		X
Incremental deployment to J2EE application servers		X
Enhanced Web Services development		X
Direct link to requirements in CaliberRM		X
Premium tools: Crystal Reports for JBuilder, Fortify Software for Borland JBuilder, Sybase EAServer plug-in, eBay SDK for Java, and Vignette Portal plug-in for JBuilder		X

How does JBuilder fit into the complete Borland solution for Java?

JBuilder is the developer's gateway to the Borland solution for the design, development, testing, deployment, and management of Java applications. JBuilder provides a platform in which to manage the development lifecycle by tightly integrating with Optimizeit Suite for performance management, the Borland® JDataStore™ - embedded Java database, Borland CaliberRM requirements management, Borland StarTeam for change management, Borland® Enterprise Server for J2EE, Web, and CORBA® deployments, and—shortly after the release of JBuilder 2005—Borland Together modeling and analysis.

Does Borland still offer Borland® JBuilder® WebLogic® Edition?

Borland JBuilder WebLogic Edition is no longer available. All of the tight, leading-edge integration with WebLogic Server that was in JBuilder WebLogic Edition is now available in JBuilder Enterprise. JBuilder Enterprise provides the unique ability to deploy applications to BEA WebLogic Server, as well as to additional Web servers and application servers, including Tomcat, JBoss, IBM WebSphere, Sun Java System Application Server, Oracle Application Server, Sybase EAServer, and Borland Enterprise Server. With JBuilder Enterprise and the free WebLogic Platform download from the BEA Web site, you will have everything that previously was included in JBuilder WebLogic Edition—and more.

What if I need maintenance or support on JBuilder WebLogic Edition?

JBuilder WebLogic Edition maintenance customers with current contracts will receive JBuilder 2005 Enterprise automatically. Support and maintenance renewals will be processed as JBuilder Enterprise support and maintenance rather than WebLogic Edition support and maintenance. Again, JBuilder Enterprise users get all of the great integration with WebLogic Server that has been available in JBuilder WebLogic Edition, plus the flexibility to work with other Web servers and application servers.

Does Borland still offer JBuilder® SE?

JBuilder Developer replaces JBuilder® SE with even more compelling functionality. JBuilder Developer includes new support for Web, database, and mobile application development capabilities that were not available in JBuilder SE.

Does Borland still offer the JBuilder® Performance Bundle?

JBuilder Enterprise now includes the complete Optimizeit Suite, including Optimizeit™ Profiler, Thread Debugger, and Code Coverage. That means JBuilder Enterprise now has the same functionality as the previous Performance Bundle, at a lower cost!

What additional software is included with JBuilder?

JBuilder Developer includes:

- **Borland Enterprise Server 6.0 RP1 with J2EE and CORBA (VisiBroker® for Java™) development licenses**—Borland Enterprise Server is a leading certified implementation of the J2EE standard for the development and deployment of mission-critical enterprise Java applications and Web Services. The included version includes software and development license. Additional licenses are required for deployment.
- **Borland® JDataStore™**—A powerful, all-Java J2EE database suitable for applications with complex business logic, JDataStore can support thousands of concurrent users. Its speed, small footprint, nearly zero maintenance, and easy installation make it an ideal database for deployment on server, desktop, portable, and mobile platforms. This version of JDataStore is licensed for development use only. Inexpensive deployment licenses are available for purchase.
- **Borland Optimizeit Profiler 6**—Isolate memory and CPU performance issues using the advanced capabilities of Borland Optimizeit Profiler to save you time and effort. Feature highlights include the Automatic Memory Leak Detector, Automatic Application Quality Analyzer, Progress Tracker, and more!
- **Partner CD**—features software tools and components from Borland® Technology Partners.

JBuilder Enterprise includes everything in JBuilder Developer, plus:

- **Borland Optimizeit Enterprise Suite**—Borland Optimizeit Enterprise Suite 6 delivers a breakthrough solution for isolating and resolving performance hazards during the development of J2EE applications. Combining award-winning Borland Optimizeit Suite—memory and CPU profiling, thread and code coverage analysis—with Optimizeit Request Analyzer, Optimizeit Enterprise Suite offers a unique scope of performance data that extends from higher-level J2EE diagnostic metrics right down to deep code-level granularity.
- **Crystal Reports® for Borland JBuilder**—Tightly integrated with JBuilder, the custom version of Crystal Reports provides data connectivity, presentation, and integration components to simplify and accelerate the process of developing your application's JSP presentation layer.
- **eBay SDK for Java**—Today, more than \$23 billion in transactions take place globally on the eBay Platform. The eBay Software Development Kit (SDK) for Java makes it easier to integrate an application, tool or service with the eBay Platform. It's a package of libraries, sample applications, and documentation that can significantly cut time-to-market of new eBay applications.
- **Fortify Software for Borland JBuilder**—finds security vulnerabilities in your Java code so you can fix them quickly and easily. Fortify Software's unique source code security analyzer and secure coding rules for Java and J2EE locate security flaws in your code accurately and automatically.
- **Sybase EAServer integration module for JBuilder**—provides deployment and debugging of J2EE applications from JBuilder into the Sybase's EAServer.

- **Vignette Portal Plugin for Borland JBuilder**— provides creation wizards, sample implementations, server integration and complete documentation to help developers quickly create, deploy, and test JSR 168 Portlets.
- **Borland® InterBase®**— database software and development license (available from the JBuilder registered users Web site).

What can I do with the Crystal Reports® capabilities included in JBuilder?

Crystal Reports for Borland JBuilder lets you connect to data, format it, and integrate the results into your JSP pages. It includes four main components:

- Intuitive designer for accessing and formatting data into reports
- 100% Java Reporting Component for processing and rendering reports from within a J2EE-compliant application server
- Java Viewer API for customizing end user report interaction—including viewing, drill-down, exporting, and printing—from within a J2EE application
- Custom Tag Library for simplified report integration into JSP pages

A range of sample applications, white papers, tutorials, and other technical information will also be offered to JBuilder customers in the Crystal Decisions' JavaZone at:

http://www.crystaldecisions.com/products/dev_zone/java/default.asp?ref=devzone_main

Are printed manuals available?

JBuilder includes complete online documentation in online help and printable PDFs. Printed manuals are not available. Visit the JBuilder documentation page <http://www.borland.com/techpubs/jbuilder/> for documentation updates.

How do I buy JBuilder?

JBuilder is available for purchase directly from <http://www.borland.com>. ISVs, OEMs, VARs, and other volume buyers should contact a Borland sales representative. To find the Borland office nearest you, please visit: <http://www.borland.com/company/contact/where-to-buy.html>

Where can I find more information on JBuilder?

More information about JBuilder is available on the Borland Web site at: <http://www.borland.com/jbuilder>

A wide variety of white papers, technical information sheets, and articles about JBuilder can be found on the Borland Developer Network at: <http://bdn.borland.com/java/>. Use the "search" function to locate specific information.

The JBuilder community supports several widely used newsgroups that may be accessed through the developer community site at: <http://bdn.borland.com>.

How can I try JBuilder?

Download the latest JBuilder Enterprise Trial from http://www.borland.com/products/downloads/download_jbuilder.html. The JBuilder Enterprise Trial lets you try the full functionality of JBuilder Enterprise for 30 days.

Technical Questions

Is JBuilder a cross-platform development environment?

Yes. JBuilder is available on the Windows, Solaris, Linux, and Mac OS platforms. JBuilder is an outstanding solution for teams developing on a mixture of platforms because it provides the flexibility to use JBuilder on your platform of choice. Support for Windows, Linux, and Solaris platforms is available in one box, so there is no need to purchase separate products for multiple platform support. Mac OS support is available only in the English editions of JBuilder.

Can I develop mobile applications with JBuilder?

Yes. JBuilder Enterprise and JBuilder Developer include a fully integrated Java™ 2 Micro Edition (J2ME™)-compliant environment that supports software development in devices enabled for Java.

Which standards does JBuilder 2005 support?

With JBuilder 2005, you can write applications that conform to many Java standards, including:

- EJB 1.1/2.0
- J2EE 1.3
- J2SE 1.3, J2SE 1.4, J2SE 5.0 (1.5)
- JDK 1.3, 1.4, 5.0 (1.5)
- JSP 1.1, 1.2, 2.0
- Servlet 2.2, 2.3, 2.4
- Struts 1.0, 1.1
- Apache Ant 1.5.x, 1.6.2
- Apache Axis 1.2
- Apache Cocoon 2.0.3
- JSR 45
- Xerces 2.4, Xalan-Java 2
- JSTL 1.0, 1.1
- JavaServer Faces 1.1

Can JBuilder be used with my application server and Web server?

JBuilder 2005 Enterprise includes integration with:

- BEA WebLogic 7.0 SP5, 8.1 SP3
- JBoss 3.2.5
- IBM WebSphere 4.0.7, 5.0.2.4, 5.1.0.4
- Borland® Enterprise Server 5.2.1, 6.0 RP1
- Tomcat 4.1.30, 5.0.27
- Integration with Sybase EAServer 4.1.3, 4.2.3, 5.0, 5.1 is available through the Sybase EAServer integration module for JBuilder, included on the JBuilder Enterprise CD
- Integration with Sun Java System Application Server is scheduled to be available as a download from the JBuilder registered user Web page after the initial release of JBuilder 2005

What are the system requirements for JBuilder?

See the technical overview at <http://www.borland.com/jbuilder>

Is JBuilder built on an open framework?

Yes. JBuilder is built on an OpenTools framework that is supported by a large development community. Visit Borland CodeCentral through <http://bdn.borland.com/> to download some of the many JBuilder OpenTools.

How do I receive training for JBuilder and other Borland products?

The global Borland Professional Services organization helps drastically reduce time-to-deployment by focusing the full strength and value of our specialized knowledge and experience on the challenges facing development and deployment. Borland delivers a variety of superior training, mentoring, and consulting options designed to expand your skills and help you rapidly leverage the technologies shaping professional development today. Ensure that the investments you make in Borland technology meet your business objectives. For more information, please visit <http://www.borland.com/services/index.html>

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