

Borland® JBuilder® 2007

Frequently Asked Questions

General Questions

What new products is CodeGear™, a division of Borland, announcing?

JBuilder® 2007 Enterprise, Professional and Developer Editions

The latest version of JBuilder 2007 is the first enterprise class IDE built on open source Eclipse. It provides all the economic benefits of an open source platform, with the reliability of a trusted, turnkey solution provider. JBuilder 2007 is packed with new features that dramatically accelerate the complete development process; with a new visual EJB™ designer, enhanced distributed development and collaboration tools, even powerful code quality assurance features.

New in 2007, ProjectAssist™ dramatically reduces the time and complexity to create new team and project definitions. Wizards facilitate new installations, and even allow assimilation of existing installations for source code management, defect tracking, requirements management, project planning and more. New TeamInsight™ enhances collaborative development with its centralized portal that allows team members to monitor project activity for the source code repository, track recent checkins, view quality metrics, even view live burn-down charts for project progress. Enhanced for JBuilder 2007 is Optimizeit™ 2007 for Eclipse for memory and CPU profiling and debugging which helps to ensure error free code. Optimizeit Profiler provides high-level performance-related data displayed in real time, Optimizeit Thread Debugger displays the progress of all threads running within the Virtual Machine. Optimizeit Code Coverage provides a real-time class coverage data to quickly see the coverage for each class.

Combined with all the features you've come to expect from the leader in Java™ IDE development tools, JBuilder 2007 is the first choice for Java developers worldwide.

What is Eclipse?

Eclipse is an open source community whose projects are focused on providing a vendor-neutral open development platform and application frameworks for building software.

How does Eclipse as JBuilder's underlying framework benefit customers?

By leveraging an Eclipse open source foundation, JBuilder will offer customers the flexibility and cost-efficiencies of using an open platform, while providing enterprise-class functionality, ease-of-use and productivity enhancements (inherent to JBuilder). For more information about the Eclipse open source platform, visit www.eclipse.org

Borland® Turbo - Frequently Asked Questions

Who are these products designed for, and what is the difference between each version?

JBuilder Developer 2007

JBuilder 2007 Developer is for individuals that need accelerated development capabilities for Java and open source programming

JBuilder Professional 2007

JBuilder 2007 Professional is for departmental users who want a complete environment for developing and deploying Java applications, with all the features of Developer plus the new visual Web Services Designer, and integrated Optimizeit 2007 for Eclipse for memory and CPU Profiling and debugging.

JBuilder Enterprise 2007

JBuilder 2007 Enterprise is for enterprise development organizations that need to manage distributed teams and complex projects across multiple locations. Enterprise includes all the features of Professional plus trademark RAD advantages like a new visual EJB Workbench, ProjectAssist that dramatically reduces the time and complexity for startup of new projects, and collaborative development capabilities of TeamInsight.

What's new in JBuilder 2007?

ProjectAssist

ProjectAssist provides simple, single point installation and configuration of a complete developer tool stack for bug tracking, source code management, project planning/tracking, requirements management and continuous integration builds. ProjectAssist dramatically reduces the time and complexity for startup of new projects by guiding the setup process for new team and project environment definitions. Wizards help to create new deployment models – with options for deep and shallow scanning to discover pre-existing services that can be reused. ProjectAssist can save days or even weeks of manual configuration and integration.

TeamInsight

Manage and view your projects across development teams with TeamInsight collaboration features. Individual developers have a unified real-time view of their project responsibilities for bugs, change requests, code notes, tasks and requirements, and the entire team has a shared project web portal with live data and statistics on team vector and velocity. JBuilder 2007 includes enhanced peer-to-peer developer collaboration features that allow local and remote developers to jointly design, edit and debug applications in real time. JBuilder 2007 automatically discovers other clients on the network, allowing users to easily form ad-hoc collaboration sessions and share projects, including stack traces, files, and debugging sessions.

EJB Visual Designer

The new Graphical EJB Workbench in JBuilder 2007 provides a simplified RAD development experience for both novice and experienced JEE developers alike. Legacy projects using EJB 2.x are easily converted to the new annotation-based EJB 3 specification, full LiveSource® capabilities let developers use either a code-centric or RAD visual environment. Easily create EJBs and model relationships, security and OCL constraints. Changes to the source code, annotations, properties view and graphical view are always in sync through

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JBuilder's patented LiveSource technology. JBuilder allows targeting and re-targeting app servers from all of the major commercial and OSS vendors including IBM®, BEA, Sun™, JBoss and Apache.

Optimizeit 2007 for Eclipse

Optimizeit Profiler for memory and CPU profiling and debugging provides high-level performance-related data displayed in real time that allows developers to understand whether a performance issue is related to CPU, memory, or both. Automatic Memory Leak Detector monitors the evolution of memory usage over time for the immediate identification of potential memory leaks. Real-time monitoring of object allocations to understand how the profiled program uses the virtual machine memory; Allocation Backtrace View allows developers to identify the code or part of the program responsible for instance allocations. Optimizeit Thread Debugger gives real-time display of the progress of all threads running within the Virtual Machine. Optimizeit Code Coverage provides a Real-time Class Coverage View to quickly see the coverage for each class and identify classes not fully covered.

UML Modeling with Borland LiveSource

LiveSource technology simultaneously replicates changes to models in the code, and vice versa. This ensures system architects and developers are closely aligned in the development process, thereby reducing costs associated with software rework. LiveSource replaces the traditional round-trip engineering methods, which usually cause models and code to go out of synch. Failure to keep models and code in synch often leads to disparity between business needs and resulting software.

Are there upgrade paths for existing customers to JBuilder 2007 products?

Yes. JBuilder 2006 customers can upgrade to JBuilder 2007. The following outlines your upgrade path:

Upgrade from JBuilder 2006	Upgrade to JBuilder 2007
- Enterprise	- Enterprise
- Professional or Developer	- Professional
- Developer	- Developer

What's different about JBuilder 2007 versus competing products?

JBuilder 2007 tools simplify and improve the development process (like intuitive 2-way visual designers and the new active differencing features), yet still offer the industrial-strength capabilities needed for enterprise applications (such as collaborative development features, deep ALM integration, embedded performance management capabilities, team refactoring, etc.) Unlike any other product available today, JBuilder remains the world's best commercial Java IDE because it meets this unique blend of needs and allows customers to maintain their own software agenda not change to meet ours. In addition, because JBuilder is now based on an Eclipse foundation, it gives customers the flexibility and cost-efficiencies of open source, in tandem with enterprise-class functionality, ease-of-use and enhanced productivity.

Technical Questions

How does JBuilder 2007 support new Java standards?

The Java market is fast moving and imposes a high demand for innovation on the Java Community Process (JCPSM). Many development organizations differentiate themselves by fast adoption of JCP standards, giving them a competitive edge. Any help a development environment can give these developers to implement the latest standards will increase their chances of success. JBuilder 2007 supports the latest Java and AppServerTM platforms, including smooth transition to EJB3/JEE5, performance tuning and advanced debugging with Borland Optimizeit, simplified top-down and bottom-up Web Services and EJB development, and full Java UML 2.0 modeling with round-trip live source.

What about my existing projects built with JBuilder 2006? Are the two compatible?

JBuilder 2007 is 100% compatible with projects built on previous versions of JBuilder (such as JBuilder 2006). This enables customers to move forward, leverage and extend their existing investments, while capitalizing on new JBuilder 2007 capabilities and the growing Eclipse ecosystem of plug-ins.

What are ProjectAssist and TeamInsight features and components?

ProjectAssist and TeamInsight are JBuilder 2007 features that install and facilitate the use of a suite of development tools. The TeamInsight tools can enhance the performance of your software development team. These tools help coordinate teamwork and thereby optimize your team's efforts. The tools are installed and configured on a ProjectAssist server by the ProjectAssist Administrator. As part of the ProjectAssist install, the Administrator defines projects and users for the projects. The users can then coordinate their efforts through the use of the various TeamInsight tools. The TeamInsight tools are:

- Liferay to open the team's web portal, which summarizes the current status of the project and provides access to several TeamInsight components.
- Subversion (Subclipse) to check source files in and out, and to synchronize the repository.
- Subversion Viewer (Sventon) to browse the Subversion source repository.
- Continuum/Maven to establish an automatic build environment linked with the repository and to monitor build and quality status.
- Bugzilla to record and track bugs in the source code.
- XPlanner to monitor development progress by creating and tracking projects, iterations of projects, user stories, and individual tasks.

Which standards does JBuilder 2007 support?

With JBuilder 2007, you can write applications that conform to many Java standards, including:

J2SETM 1.3, J2SE 1.4, J2SE 5.0 (1.5)

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JDK™ 1.3, 1.4, 5.0 (1.5)

J2EE 1.4

EJB 2.1, 3.0

Java Persistence API

Apache Axis 1.2

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

Yes, JBuilder 2007 Enterprise includes integration with:

JBoss 4.0.5 GA

Geronimo 1.1.1

Glassfish 9.0

Oracle 10.1.3 Application Server

Oracle Containers for Java (OC4J) 10.1.3

IBM WebSphere® 6.1

IBM WebSphere 6.0

BEA WebLogic Application Server 8.1

BEA WebLogic Application Server 9.2

BEA WebLogic Application Server 9.2 EJB 3.0 Tech Preview

Apache Tomcat 5.5

About Borland

Founded in 1983, Borland Software Corporation (NASDAQ: BORL) is the global leader in platform independent solutions for Software Delivery Optimization. The company provides the software and services that align the people, process, and technology required to maximize the business value of software. To learn more about delivering quality software, on time and within budget, visit <http://www.borland.com>.

About CodeGear

CodeGear, formerly Borland's Developer Tools Group, delivers innovative, high-productivity development tools for a wide spectrum of software developers ranging from individuals to enterprise teams. CodeGear's products enable developers to freely develop on their platform of choice while focusing on simplifying complex technologies and tasks so they can concentrate on application design, not infrastructure, to ensure on-time project delivery.

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