

Borland® JBuilder® 2007

Making collaborative development fast and reliable for Java™, open source and the web.

What's New in JBuilder® 2007

The latest release of the leading Java™ IDE, JBuilder® 2007 is the first application server-independent 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 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 enterprise developers worldwide.

See the full feature matrix at <http://www.borland.com/us/products/jbuilder/index.html> for a listing of all features in JBuilder 2007.

ProjectAssist – New!

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 – New!

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 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.

Graphical EJB Workbench – New!

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

Optimizeit 2007 for Eclipse – New!

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. Optimizeit Suite is completely integrated in-shell for Eclipse, and only available in JBuilder 2007.

UML Modeling with Borland Together[®] LiveSource for Java – New!

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 the resulting software.

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