

A COLLABORATIVE JAVA DEVELOPMENT ENVIRONMENT WHERE SHARING CODE IS ONLY THE BEGINNING

JBUILDER® 2008: The Java IDE Reinvented

JBUILDER 2008 continues to drive innovation and deliver value to Java developers by providing an enterprise-class, Eclipse-based IDE with support for the leading commercial and open source Java EE 5 application servers. Expanding on the core Java functionality provided by the Eclipse 3.3 (Europa) open source framework, JBUILDER 2008 adds support for collaborative team development, code archeology and UML modeling capabilities, enhanced visual EJB and Web services development, improved code profiling and performance tuning tools, and a new Swing designer. But the story doesn't end with a few new features or a handful of improvements; CodeGear has reinvented the Java IDE with the introduction of Application Factories. Application Factories are new approach to software development and code reuse. This innovative development metaphor, and the associated collection of tools which are now part of JBUILDER 2008, allows developers to focus more on the nature and purpose of the application, and less on the underlying platform, framework, and technologies being used.

Leverage the Value of Eclipse and Open Source

Regardless of the edition you choose – Turbo, Professional, or Enterprise – the JBUILDER 2008 product line builds on the common Java and Java EE development capabilities found in Eclipse 3.3 and Web Tools Platform 2.0 to meet the needs of Java developers at every level. And, because JBUILDER 2008 is based on the world's most popular open source IDE framework, you are more than likely already familiar with many of the basic features and functions available to you as a developer. In addition to the core Eclipse functionality, CodeGear also provides over one hundred third-party plug-ins and enhancements to provide a more complete user experience. As a trusted turnkey solution, JBUILDER 2008 gives developers confidence to expand these capabilities by providing a one-stop shop for downloading and integrating these and other technologies into a single, managed, and supported development environment.

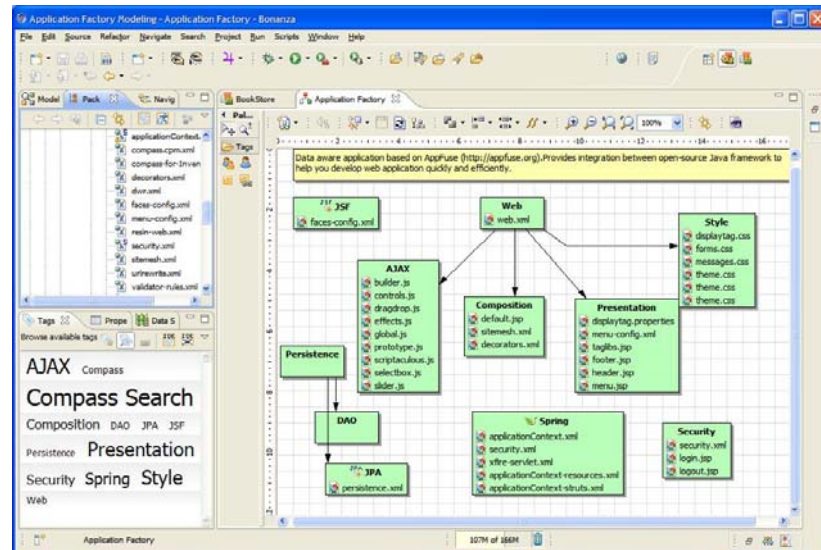
Collaboration and Team Productivity

JBUILDER 2008 provides code, project and team management capabilities through the TeamInsight collaboration feature. 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. TeamInsight provides direct integration with Bugzilla, Continuum, CVS, StarTeam, Subversion, and XPlanner. Integration with additional systems is made possible by using the published APIs.

The ProjectAssist capabilities within JBUILDER 2008 provide 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, saving days or weeks of manual configuration and integration.

Capture Developer Intent and Expand Code Reuse

The Application Factories functionality in JBUILDER 2008 introduces an application-driven development paradigm, where the structure, evolution, and logic behind the development of the application are checked into version control along with the source code for the application itself. The Application Factory records the developer's *intent* as an application is being created so that the workings of the code can be easily ascertained at a later date. Functionality in the Application Factory facilitate the process of capturing the original developers' intent and context by providing integrated tools for making notes about code as well as creating bread crumb trails to project- and file-specific developer knowledge. And while Application Factories will certainly yield higher levels productivity during the development of an application, one of the biggest benefits may come when that application has to be modified or enhanced. This is because the metadata, which stays attached to the code when it is created, can be opened by any subsequent developer to understand the context and purpose of code snippets, methods, and classes which are part of the application.



Code Profiling and Performance Tuning

JBUILDER 2008 supports both static and dynamic analysis of the code being created or maintained. Advanced code metrics allow developers to quickly and easily ascertain the health of the code structure, helping them pinpoint complex or problematic areas in an instant. Then using the code audits, developers can ensure the code adheres to company standards, guidelines and specifications.

When it comes time to gather runtime statistics and optimize code for peak performance, JBUILDER 2008 is ready to help by providing an integrated set of tools based on Optimizeit™ technology. Use the profiler to gain a better understanding of how the application is using, and consuming, memory and CPU resources. The visual thread debugger provides a real-time display of the progress of all threads running within the virtual machine, the ability to monitor wait-states and locks, and even predict potential deadlock conditions in the code. Using the request analyzer developers can even profile the performance behavior of their Java EE application code across common Java EE components such as JDBC, JSP, JNDI, Enterprise JavaBeans, and JMS containers.

No Developer or Project Left Behind

JBUILDER 2008 includes a collection of tools and wizards which will allow developers to easily import projects from the pre-Eclipse versions of JBUILDER into the Eclipse-based JBUILDER 2008 IDE. Both Java projects and Java EE projects can be imported into the new JBUILDER environment, and then further enhanced and maintained with ease. In addition, developers can join the CodeGear Developer Network (CDN) for free and gain access to a rich collection of trial downloads, online training, tutorials, audio and video recordings, blogs, code samples, and technical articles.

In Summary

JBUILDER 2008 brings the power of accelerated development tools to the Eclipse platform with its renowned rapid application development (RAD) and team collaboration capabilities, making Java development fast, reliable, and economical. JBUILDER 2008 combines benefits derived from the Eclipse open source platform, with enhanced reliability, functionality and quality professional developers expect from an enterprise-class Java IDE. CodeGear has reinvented the Java IDE with the introduction of Application Factories in JBUILDER 2008, which also includes robust team development and collaboration features, full UML modeling capabilities, and powerful code coverage and performance analysis tools. JBUILDER 2008 gives organizations confidence by bringing manageability to the world of open source downloads, plug-in tools and frameworks all within a trusted, turn-key solution. For more information on JBUILDER 2008 visit <http://www.codegear.com/jbuilder> or the CDN site at <http://dn.codegear.com>.

JBUILDER 2008 Editions

Turbo	Professional	Enterprise
Available as a free, certified Eclipse bundle, JBUILDER 2008 Turbo provides the basic features and functions needed to create and deploy Java applications to today's leading commercial and open source application servers.	JBUILDER 2008 Professional adds expanded support for Java EE 5 and Web services, as well as code profiling and performance tuning tools powered by Optimizeit technology, sophisticated Swing design capabilities, and basic UML modeling features.	JBUILDER 2008 Enterprise provides a complete, enterprise-class Java IDE with collaboration and team development support, full support for UML modeling and code archeology, and the newly introduced JBUILDER Application Factories which delivers unprecedented developer productivity and code reuse.

SYSTEM REQUIREMENTS

<ul style="list-style-type: none"> ▪ 1 GB RAM minimum (1.5 GB RAM recommended) for JBUILDER 2008 Enterprise ▪ 512 MB RAM minimum (768 MB RAM recommended) for JBUILDER 2008 Professional ▪ 700 MB to 1.2 GB hard disk space minimum (depending on edition) 	<ul style="list-style-type: none"> ▪ Intel Pentium 4/2.4 MHz or higher (or compatible) for JBUILDER 2008 Enterprise ▪ DVD-ROM drive ▪ High-resolution monitor (1024x768 or 256 colors) 	<ul style="list-style-type: none"> ▪ Microsoft Windows XP SP2, Microsoft Windows Vista, Mac OS X (10.4), Red Hat Enterprise Linux 4 ▪ Windows XP or Windows 2003 Server required for ProjectAssist installation and administration
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ABOUT CODEGEAR

It is CodeGear's mission to provide developers with state-of-the-art tools to simplify the task of building applications – regardless of computing environment. CodeGear's IDE solutions liberate developers from the ills of vendor lock-in and allow them to freely develop for their platform of choice without hours of extraneous programming.

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