



Enterprise Java Apps with Netbeans 5.5

Your Name

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What Is NetBeans?

- A comprehensive, modular Java IDE
 - > Out-of-box support for Java SE, Java EE, Java ME
 - > Large set of 3rd party modules (plug-in's)
 - > Intuitive drag-and-drop development
- Free and open-source based
 - > Open source since June, 2000
 - > Large community of users and developers
- A platform for building applications
 - > Rich client Java applications
 - > Rich framework of windows, menus, tool bars, actions

Out of the Box J2EE Features

- Web application development
- Java EE 5 Support
- Debugging, testing, profiling
- Struts and JavaServer Faces (JSF)
- JBoss 4, WebLogic 9, WebSphere(*)
- Web services development (client + service)
- AJAX app development (Blueprints)
- EJB application development

Java DB Rocks!

- Sun's supported distribution of Apache Derby
- Ideal for developing/deploying Java applications
 - > Standards-based -- 100% Java, SQL, JDBC, Java SE, EE, ME CDC
 - > Sophisticated – Stored procedures, triggers, user-defined data types
 - > Small (2MB!) -- Client server *or* embedded use.
 - > Secure – on-disk encryption, password-protected
 - > Supported -- 24 x 7 production support available from Sun
- Where is Java DB in Sun Products?
 - > In Java Enterprise system, Portal Server, Application Server, Glassfish
 - > Supported by NetBeans, Java Studio Creator, and Java Studio Enterprise
 - > *Java SE 6!*

Web App Development (Demo)

- Develop a simple “Hello World” JSP app
 - > Two JSP pages: index.jsp & response.jsp
 - > One JavaBean: NameHandler.java



Web Services Development (**Demo**)

- Develop Web service client from a public Web service
 - > Spell-checking Web service
 - > <http://ws.cdyne.com/SpellChecker/check.asmx>
 - > Test the Web service

Building an EJB Application (**Demo**)

- Generate Container-managed persistence (CMP) entity beans
 - > Link to an existing Derby (aka Java DB) database
- Create a simple session bean to access the database information and a Web module client

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Netbeans 5.5
<http://www.netbeans.org>

Thank You

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