



Other Sessions of Interest

• DTP

- T-7. Callisto Boot Camp: Ten Projects. One Day. (Wed 8:45)
- 106. How to Improve Database Connectivity with the Data Tools Platform (Thu 8:30)
- 306. Architect and Build High-End Data Tools Solutions (Thu 1:15)
- Other
 - T-4. Develop Better J2EE Applications with the Web Tools Platform (Wed 8:45)
 - 401. Consuming and Producing Web Services with Web Tools (Thu 3:15)
 - 706. Step by Step: Making Enterprise JavaBeans with J2EE Standard Tools (Fri 1:45)

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SQL Development Tools

- Perspectives
 - Database Development
 - Database Debug
- Editors
 - SQL File Editor & Outline
- Wizards
 - SQL File
- Views
 - Data Source Explorer
 - SQL Results
 - Execution Plan
- Configurations

Agenda

- DTP Overview
- Apache Derby Database
- Using SQL Development Tools
- Conclusion

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Apache Derby

- Relational database
- 100% Java
- Small footprint
- Open Source
- Apache License Version 2.0
- http://db.apache.org/derby/
- Current version is 10.1.3.1
- Embedded or Network Server
- IBM donated part of Cloudscape's code base

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- DB2 like
- 10.0

Database Features ANSI SQL Standards SQL-92 core subset some SQL-99 features Security Schema Transactional Full ACID All four isolation levels Stored Procedures & triggers Views Drivers JDBC ODBC











- Driver
 - org.apache.derby.jdbc.EmbeddedDriver
- URL
 - jdbc:derby:[subsubprotocol:][databaseName][;att
 ribute=value]*

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- subprotocol
 - directory
 - classpath
 - jar
- Example
 - jdbc:derby:C:\DerbyDB\MyDB;create=true











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	Select an available driver template and provide a name for the new driver instance.	
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	Auto-connect when the wizard is finished or when Enterprise Explorer opens. (?) < Back
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• Configure	e driver details and test connection

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