

IBM Software Group

IBM[®] Rational[®] Web Developer V6.0 IBM[®] Rational[®] Application Developer V6.0 Java[™] 2 Enterprise Edition (J2EE) Tools



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Goals

Understand the support for J2EE application modules

- Detail the different options for importing and exporting J2EE application modules
- Describe additional capabilities for working and developing around J2EE application modules



Agenda

J2EE Application Organization

J2EE Migration

Import Support

Export Support

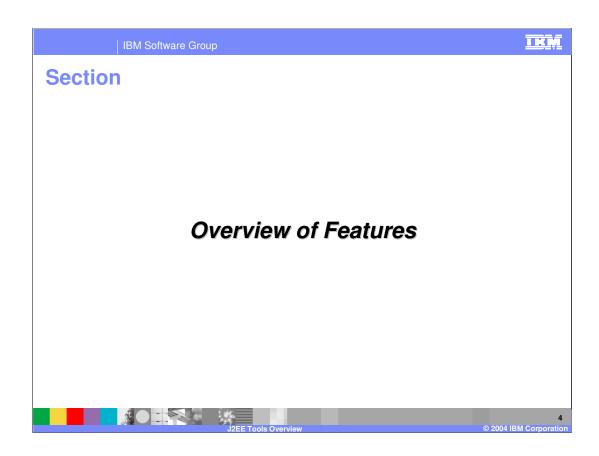
Project Properties

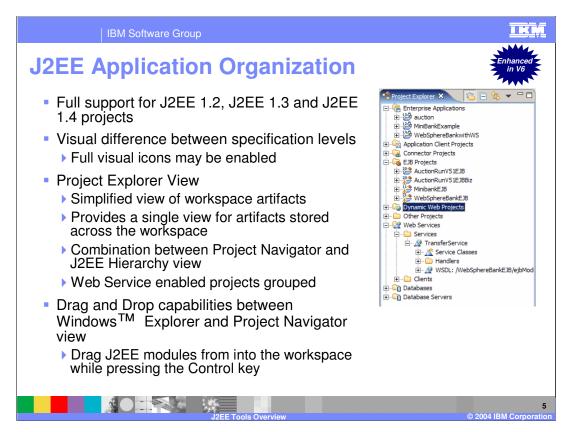
Utility JARs

Deployment Descriptors

J2EE Application Client Launcher

Summary





The "Allow nested project overwrites" option is off by default, and allows overwriting EJB/Web projects from the new EAR if those projects already exist in the workspace

J2EE 1.2, 1.3 to 1.4 Migration



- Web, EJB, Java Connector Architecture (JCA) projects and Web services can be migrated to J2EE 1.4 with the J2EE Migration Wizard
- Migration primarily of the deployment descriptors
- New migration options
 - ▶ Project migration structure is independent from J2EE specification level migration
 - ▶ Target server must be set for a migrated application
- Some Manual migration required

 - ▶ EJB 1.1 projects



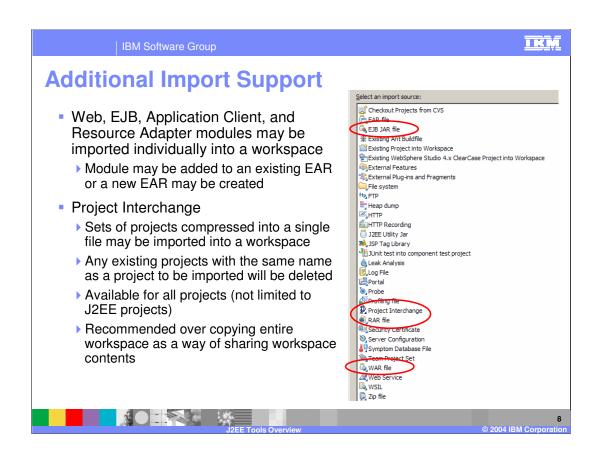


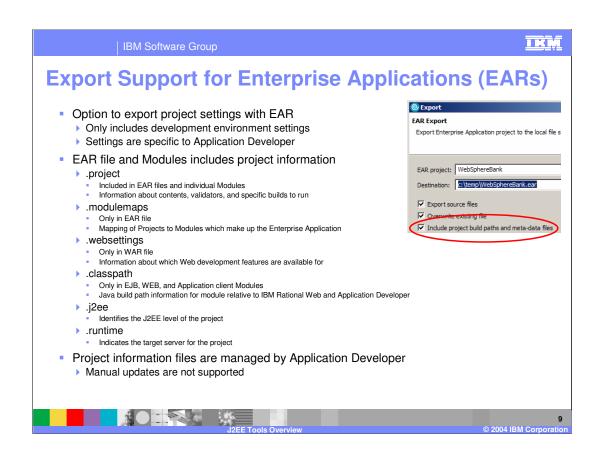
Import Support for Enterprise Applications (EARs)

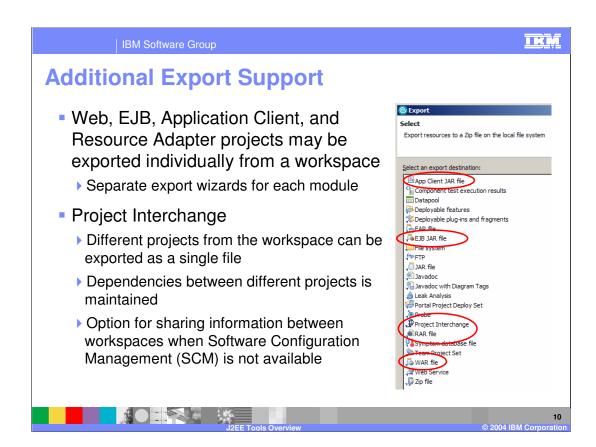
- J2EE 1.2, 1.3, and EAR files may be imported into a workspace
- Modules in an EAR may be imported without creating the EAR project
- Target Server must be specified
 - > Sets up proper build path and other settings
- Partial import of modules
 - ▶ Helpful when working in a team environment where EAR files are the primary method of sharing information
 - > Specific modules can be imported from an EAR rather than the entire EAR
 - ▶ Modules may overwrite existing projects or new projects can be specified
- Metadata within EAR file and modules will be set in projects in the workspace

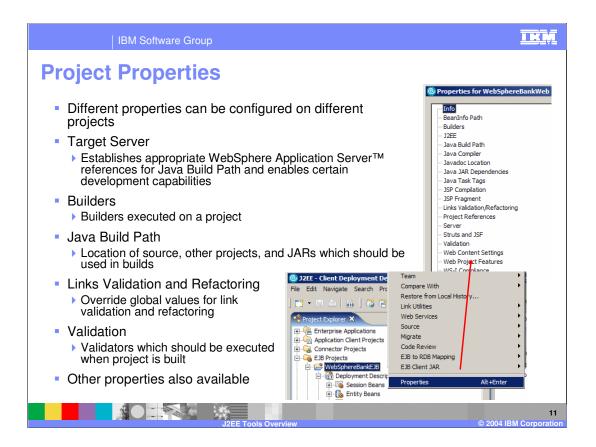


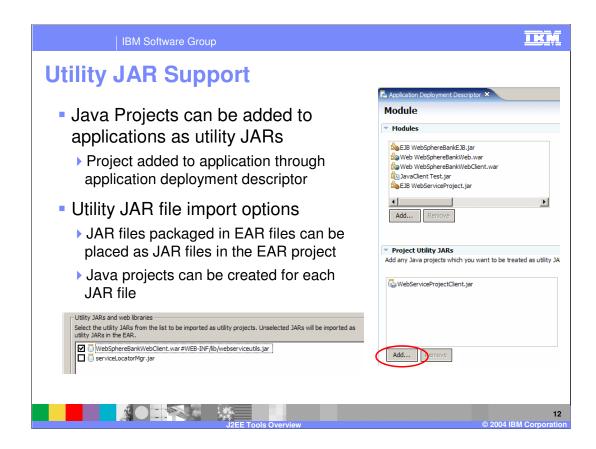
Show Me

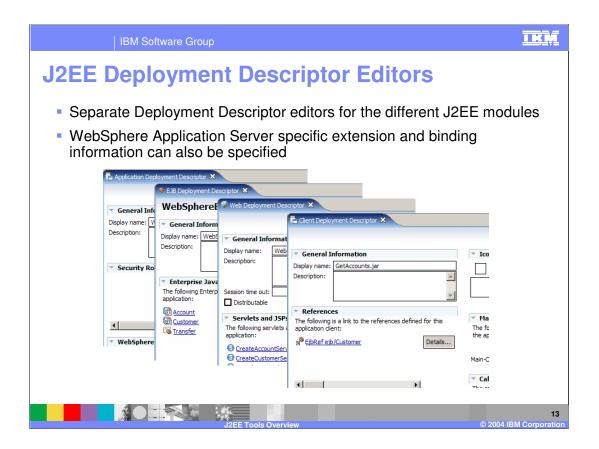


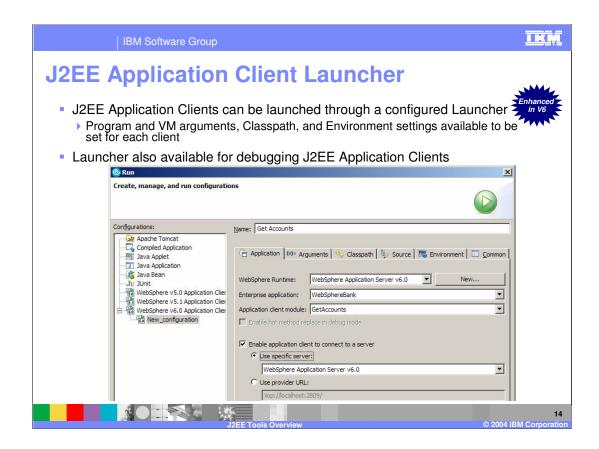














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Summary

IBM Rational Web and Application Developer provides all the support for managing J2EE applications and modules

- Migration support provided for updating applications to J2EE 1.4
- Additional capabilities provide a robust development environment for J2EE modules



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