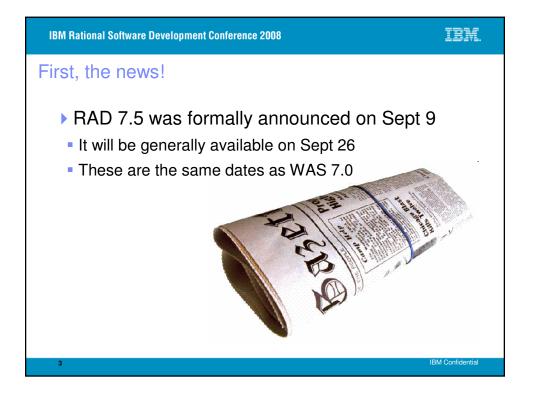
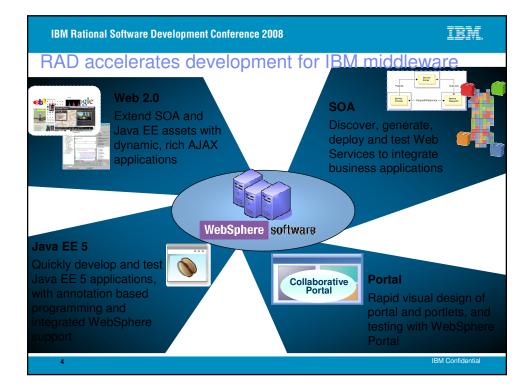
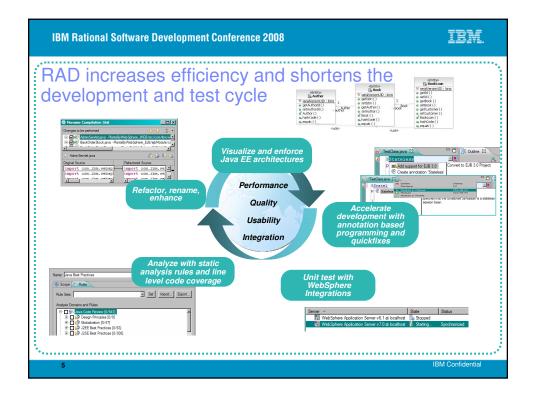


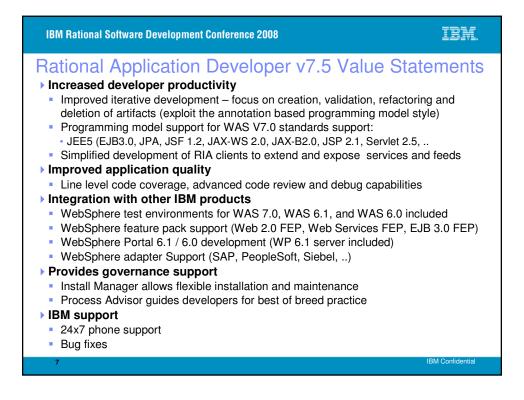
IBM Rational Software Development Conference 2008	IBM.
Agenda	
Rational Software Delivery Platform	
The value RAD adds to your development lifecycle	
Rational Application Developer 7.5	
 EJB 3.0 and JPA Web Tools & JSF Overview Web 2.0 Support Web Services WebSphere support, Server tools, Problem determination WebSphere Portlet and Portal support EIS Adapters Collaboration with other Rational products (RTC, CC plug SCA Feature Pack 	
2 iBM	1 Confidential



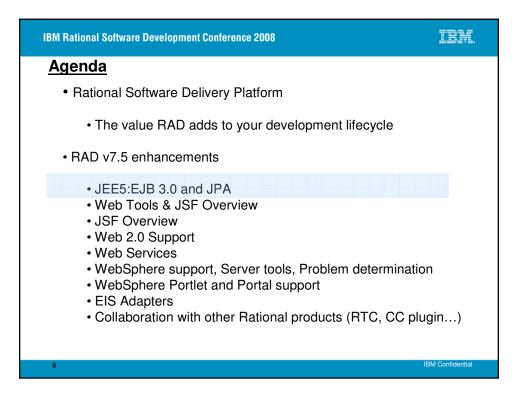




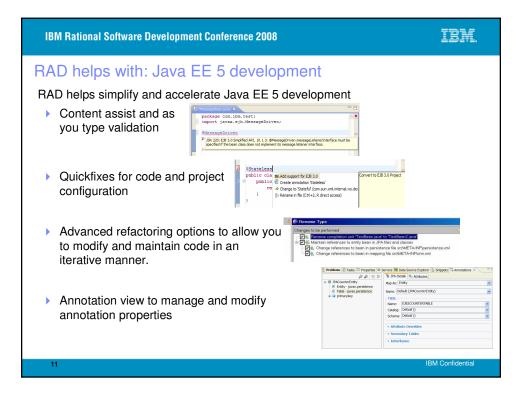
IBM Rational Software Development Conference 2008
Agenda
Rational Software Delivery Platform
 The value RAD adds to your development lifecycle
Rational Application Developer 7.5
• EJB 3.0 and JPA
Web Tools & JSF Overview
Web 2.0 Support
Web Services
 WebSphere support, Server tools, Problem determination
WebSphere Portlet and Portal support
• EIS Adapters
 Collaboration with other Rational products (RTC, CC plugin)
6 IBM Confidential



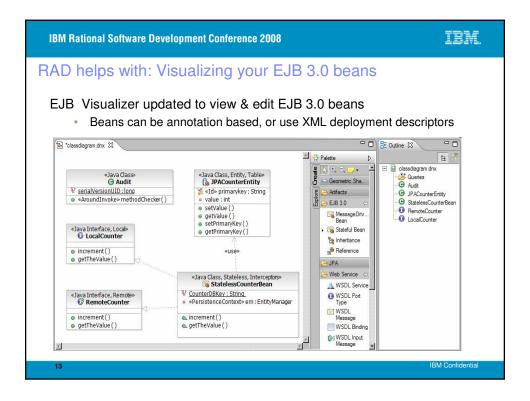
IBM Rational Software Development Conference 2008 正言解.
Flexible Install Options
Rational Application Developer uses IBM Install manager technology to simplify and speed up the install process by only installing the install options chosen by the user
RAD is built on top of Eclipse 3.4 and uses the IBM JRE 1.6
Download & footprint improvements for the WebSphere test environment;
 Support for "base" servers (WebSphere App server + fix pack level)
 Support for "enhanced" servers (WebSphere App server + fix pack level + feature packs)
 Build your own server to match your product environment
Ability to shell share with other Rational products which helps developers manage the lifecycle of their applications on their desktop
 Enterprise install capabilities available to ease the install onto multiple desktops
Ability to install documentation on a common web server or use the documentation that is available on the web to have access to the latest updates
8 IBM Confidential

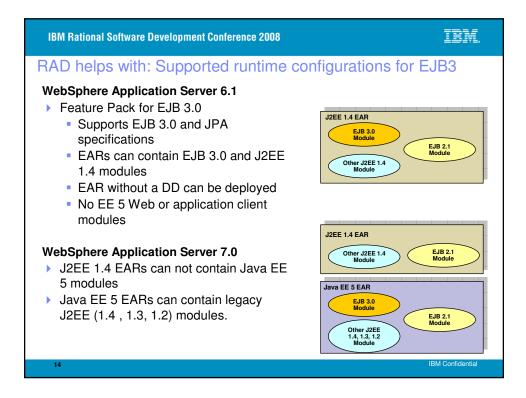


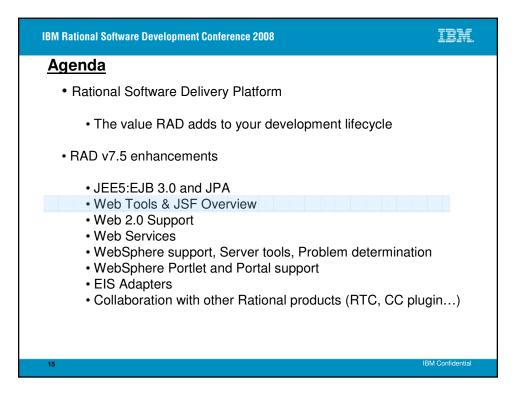
IBM Rational Software Development Conference 2008	IBM.
What's new with Java EE 5?	
The Java EE 5 platform introduces a simplified programming model.	
Information is inserted as an annotation directly into your Java source f	ile.
 Annotations are generally used to embed in a program data that would be furnished in a side file. 	otherwise
 With annotations, you put the specification information right in your cod the program element that it affects. This is a more intuitive and conveni approach. For example: @stateless 	
public class AccountBean implements IAccount { }	
 Developers can use annotations instead of XML deployment descripto 	rs
Annotations are better during application development	
 The separate "Deployment Descriptor" side files are now optional, better for production deployment (allowing changes without source 	
10 16	3M Confidential



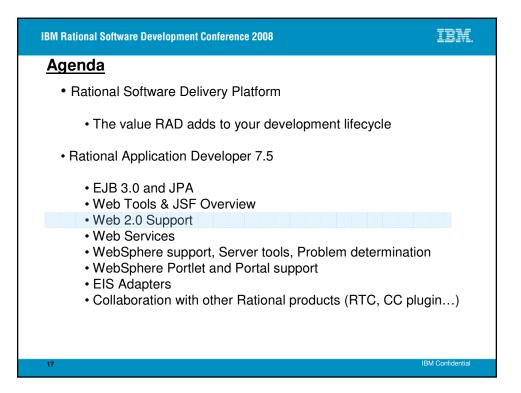
IBM Rational Software Development C	Conference 2008		IBM.
RAD helps with: tools to		JPA bean Comparison of the second se	ts
MENOPEE Enpipee Benderstein Image: Control of the state of the sta	coolisied properties suped to entry and disclosed to Admong quents to stand subtract to Admong quents to Admong quents to stand subtract to Admong qu	Select M Develop and Development A	Select Query
14			ibir comachila

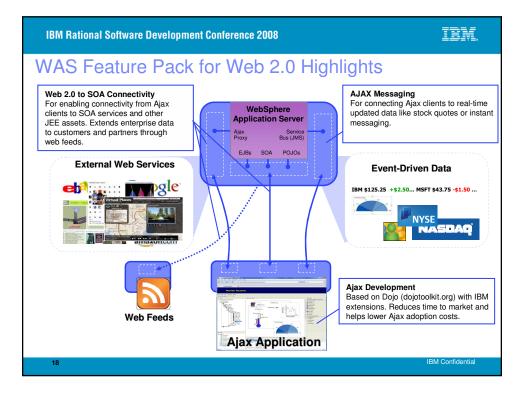


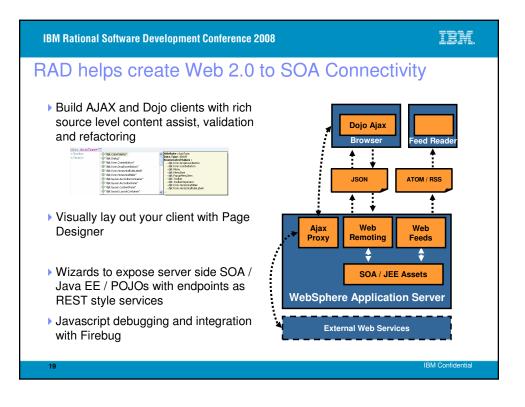


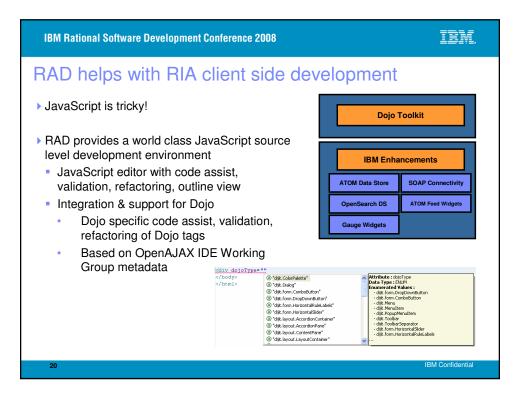


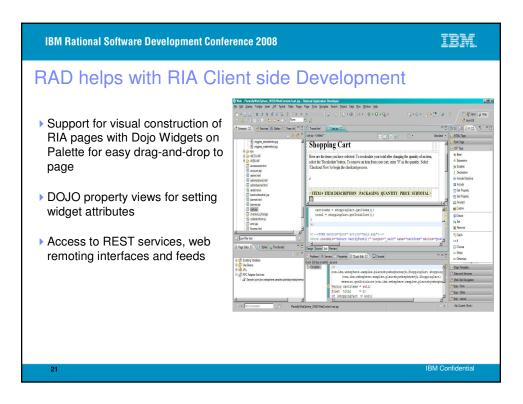
IBM Rational Software Development Conference 2008	IBM.
What's new - Web Tools	
JPA consumption in Web Applications	
Page Designer	
 Source page includes Significantly enhanced JavaScript support Split view option 	
 Ability to split the page designer into a designer and source view 	
Can split view Horizontally or vertically	
Absolute positioning	
 Positioning elements to an absolute position, via the design page. The tool will apply the CSS style "position; possible to lower elements" to lower elements. 	to on the nega
 The tool will apply the CSS style "position:absolute" to layout element Support for Struts 1.2, 1.3 	is on the paye.
JSF 1.2 support	
Integration of third party JSF libraries.	
Tools to import/manage libraries and add to the Page Designer palette	
Custom Component Library Builder.	
 Allow users to build a JSF component library from existing components a into the tools. 	ind integrate
JWL widget library: enhancements to make library compatible with d	ojo
16	IBM Confidential

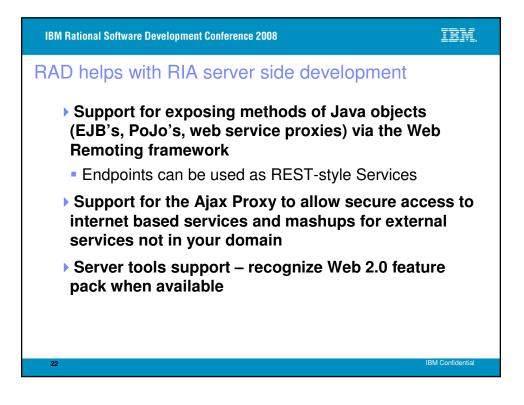


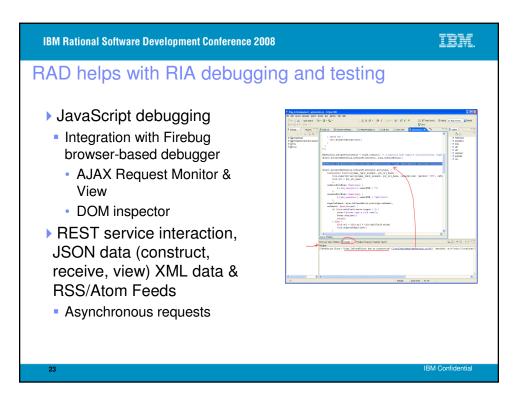




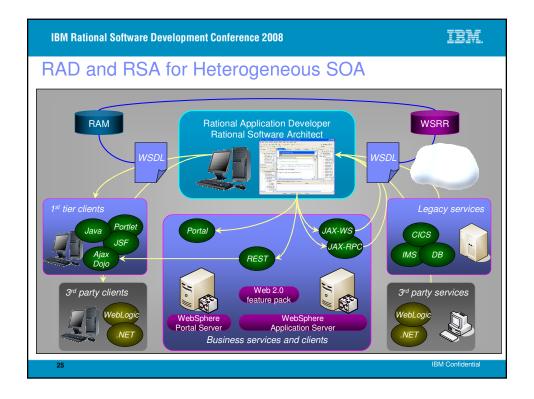


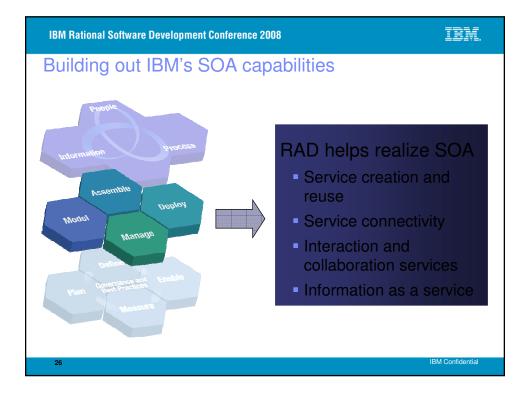




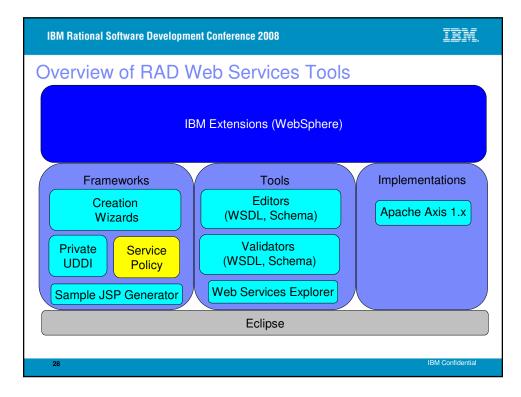


IBM Rational Software Development Conference 2008	IBM.
Agenda	
 Rational Software Delivery Platform 	
The value RAD adds to your development lifecycle	
RAD v7.5 enhancements	
 JEE5:EJB 3.0 and JPA Web Tools & JSF Overview Web 2.0 Support 	
Web Services	
 WebSphere support, Server tools, Problem determinatio WebSphere Portlet and Portal support EIS Adapters 	n
Collaboration with other Rational products (RTC, CC plu	ıgin…)
24	IBM Confidential



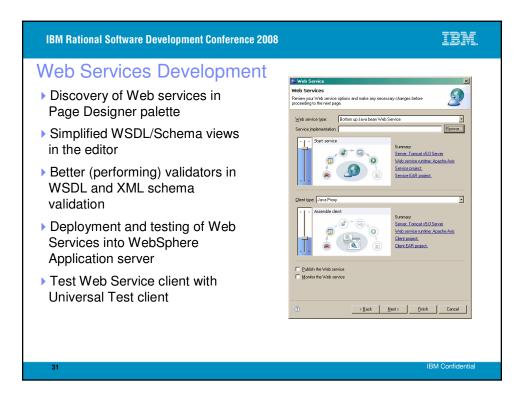


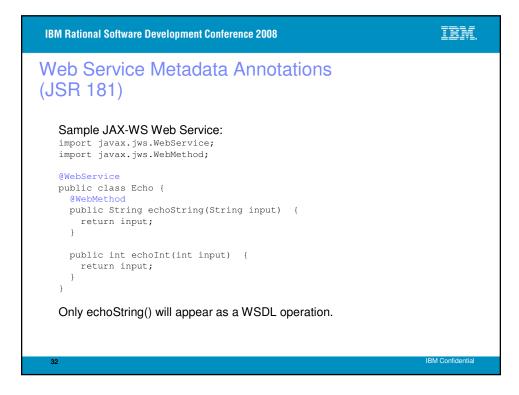


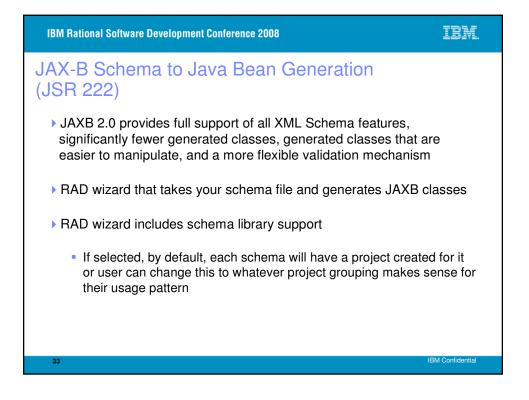




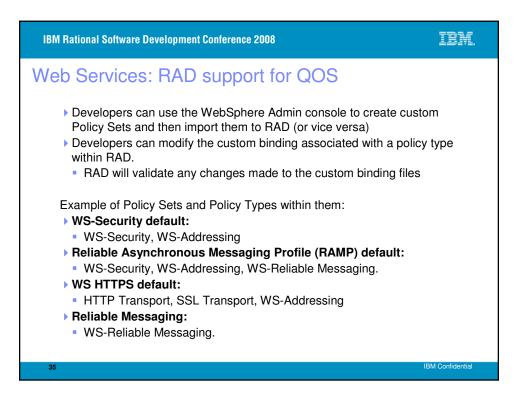
IBM Rational Software Development Conference 2008	IBM.
What RAD supports - Web Services Development	
 Java EE 5 Web Services Web Services Annotations, a new Java programming model (JSR JAX-B Schema to Java customizations using JAX-B 2.0 (JSR-22) JAX-WS (Replacement for JAX-RPC) (JSR-224) SOAP 1.2 Bindings in WSDL Utilize Sun Reference Implementation for Java EE 5 (JAX-WS and Cases) 	2)
 Asynchrony Binary attachment Optimization (MTOM) Policy Set simplified/shared configuration for Qualities of Service RM- Reliable Messaging WS-Addressing 	
 WS-Security Secure Conversation 	BM Confidential



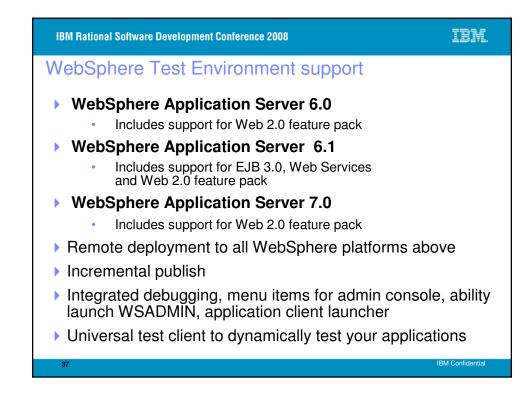




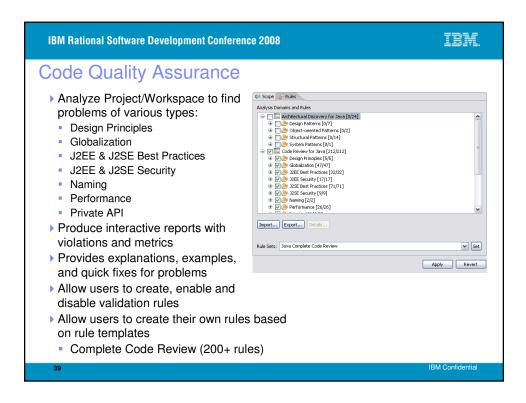
IBM Rational Software Development Conference 2008	IBM.
Web Services: Quality of Service support	
 Quality of service (QOS): The ability to provide different priority to different application users, or data flows, or to guarantee a certain level of performance to a data flow 	
 Policy Sets: Use policy sets to simplify configuring the qualities of serv Web services and clients. Policy sets are assertions about how Web Services are de Using policy sets, you can combine policy types. Policy Sets can be defined at the global level or on a spec project 	efined.
Policy Sets were first introduced to the WebSphere Application S in the Web Services Feature Pack	
34	Ibw conneential



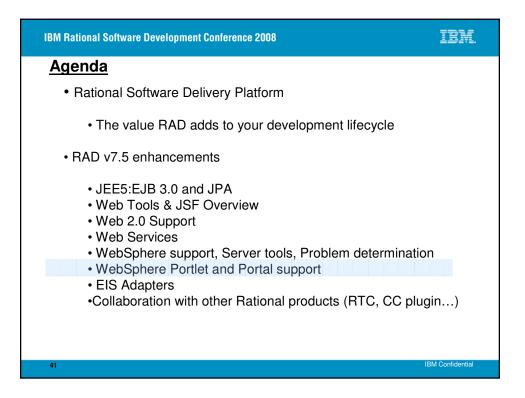
IBM Rational Software Development Conference 2008	IBM.
<u>Agenda</u>	
 Rational Software Delivery Platform 	
 The value RAD adds to your development lifecycle 	
RAD v7.5 enhancements	
 JEE5:EJB 3.0 and JPA Web Tools & JSF Overview 	
Web 1001s & 331 Overview Web 2.0 Support	
Web Services	
WebSphere support, Server tools, Problem determinati	on
 WebSphere Portlet and Portal support EIS Adapters 	
Collaboration with other Rational products (RTC, CC plugin	.)
36	IBM Confidential

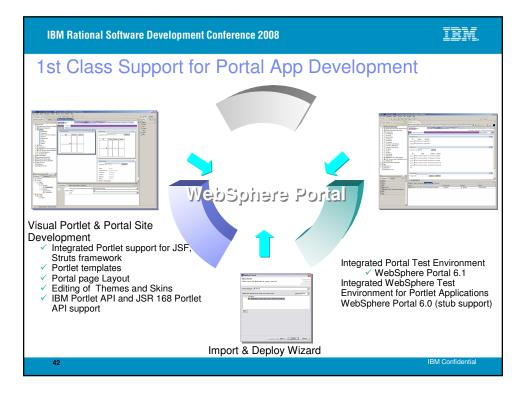


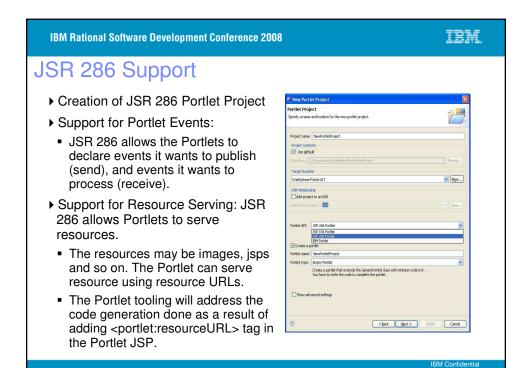
IBM Rational Software Development Conference 2008	IBM.
RAD helps with improving Quality of application	IS
 Line Level Code Coverage Code coverage of class/method/block/line for 	
 package/class/methods Filtering to include/exclude packages, classes, methods Eclipse (Java editor integration) and HTML (portable/BIRT) re 	eports.
 Enables code coverage from Ant Support for generating code coverage statistics for web applic 	
Application profiling	
 Running an application in profiling mode allows the performant the application to be traced and improve Aids in program understanding by showing execution patterns 	
- Alus in program understanding by showing execution patterns	5
38	IBM Confidential



IBM Rational Software Development Conference 2008	IBM.
Debug Tools	
 Java and mixed language debugger Seamless integration when debugging application that calls oth languages from Java and vice versa J2EE/Web application debugging Advanced debug support for Websphere Application Server, in EJBs, JSP pages, and servlets. Debugger for Jython based WebSphere Administration Scripts Support for DB2 V9 Stored Procedure Debug Java and SQL Stored procedures 	
 Step-by-Step Debugging Control debugging at a higher level. Provide user the ability to entry to every object loaded by the JVM or server. XSLT debugger Allows users to detect and diagnose errors in XSLT Transform Logical display of complex variable types 	
 Display variables in a logical manner, allowing the user to exar variables more easily. 	IBM Confidential







IBM Rational Software Development Conference 2008	Į.
Agenda	
 Rational Software Delivery Platform 	
The value RAD adds to your development lifecycle	
RAD v7.5 enhancements	
 JEE5:EJB 3.0 and JPA Web Tools & JSF Overview Web 2.0 Support Web Services WebSphere support, Server tools, Problem determination WebSphere Portlet and Portal support EIS Adapters Collaboration with other Rational products (RTC, CC plugin) 	
44 IBM Confiden	tial

