

IBM Software Demos

Rational Software Development Platform - Architect: design application changes

Alex, in his Architect role, uses the visualization features of Rational Software Architect to better understand the architecture of the application and how to best implement the “Buy It Now” change.

He uses the web site navigator to look at the layout of the web pages and see how they interconnect. From running the application, Alex knows that the “Buy It Now” button should go on the Bid page.

Alex clicks on the itemdetail JSP page to edit the page with PageDesigner

By right-clicking on the Bid button and selecting Edit Page Code, Alex can quickly examine the code that implements the Bid button.

This is a Java Server Faces implementation and much of the data needed for the confirmation page is contained in session variables. The properties tab displays their values.

For example, the session currentuser name attribute contains the logged in user that performed the bid.

Alex now drills down to the architecture details by selecting **Visualize Browse Diagram** to see the associated class diagrams for the java code.

He can navigate thru the class diagrams and relationships using the visualizer.

The **Buy it Now** button will use similar code to the Bid function.

The IBM Software Development Platform and visual modeling help Alex reduce the complexity and accelerate his understanding of the AuctionDelight application.