



eclipse rich ajax platform project (RAP)

mission statement: rap enables developers to build rich, AJAX-enabled web applications by using the eclipse development model, plug-ins and a java-only api

RAP implements a subset of SWT, JFace, Workbench APIs

- is built on top of Equinox, running in server environments
- provides the Eclipse extension point mechanism
- enables single sourcing of rich client and rich internet apps
- uses the Qooxdoo JavaScript library for client side rendering in the browser

RAP enables

- coding in Java, developing the UI with SWT, JFace and Workbench extension points
- running the application on the server
- and accessing it with a browser

features



- broad coverage of SWT 3.4 apis
- broad coverage of Jface 3.4 apis
 - includes JFace databinding
- good coverage of Workbench 3.4 apis
 - org.eclipse.ui.workbench
 - org.eclipse.ui.views
 - org.eclipse.ui.forms
- tools for launching and automated testing (JUnit)

RAP in action



View I

- Root
 - Locate in browser view
 - Parent 2
 - Child X - filter me!

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This is an example for the demo presentation implementation

Test Shell 1

View III

- Root
 - Locate in browser view
 - Parent 2
 - Leaf 4
 - Child X - filter me!

SWT.INHERIT_NONE

Label Push Button Radio Button Check Box text

SWT.INHERIT_DEFAULT

Label Push Button Radio Button Check Box text