RAP Project 1.3 Release Review

June 11, 2010

Project page: http://eclipse.org/rap

Communication Channel: RAP Mailing List rap-dev@eclipse.org

IP Log: http://eclipse.org/rap/iplog/ The IP log was sent to the EMO and is awaiting approval

Project Plan: http://eclipse.org/projects/project-plan.php?projectid=rt.rap

New and Noteworthy: http://eclipse.org/rap/noteworthy/

Eclipse Rich Ajax Platform Project (RAP)

RAP enables developers to build rich, Ajax-enabled web applications by using the Eclipse development model, plug-ins and a Java-only API.

RAP is a runtime technology built on top of Equinox. It
- implements a subset of SWT, JFace, Workbench APIs
- provides the Eclipse extension point mechanism
- is running in server environments
- uses JavaScript to render the UI in the browser

The combination of RCP and RAP allows to develop desktop and web applications from a single code base (single sourcing).

Features

Runtime

- broad coverage of SWT 3.6 APIs
- broad coverage of JFace 3.6 APIs
- includes JFace databinding
- good coverage of Workbench 3.4 APIs
  - org.eclipse.ui.workbench
  - org.eclipse.ui.views
  - org.eclipse.ui.cheatsheets
  - org.eclipse.ui.forms
- support for i18n
- complies with the Servlet specification 2.3, 2.4 and 2.5
- RAP applications can be deployed as standard web archives (war)

Tooling

- The tooling includes templates, developer documentation and launcher for RAP applications

Non-code Aspects

- The project has an active community of users and contributors
- There is extensive API documentation (several thousand javadocs)
- A huge set of resources available for RCP can be reused for RAP
- See http://eclipse.org/rap/documentation.php for more information

Community

Communication

RAP team members are active in Bugzilla, newsgroups, and mailing lists

Conference Participation

The RAP team participates in demo camps, conferences, and tutorials, including
- EclipseSummit
- EclipseCon
- JAX
- Jazoon

Committer

Active: 8

Contributers

- Third-party contributions in the RAP Incubator

Integration with other Eclipse projects

- EMF provides RAP support in Helios
- Riena ridgets run on RAP
- MAT and RAP teams work together on a single sourced version of MAT

Bug Statistics

Between June 25th, 2009 and May 26th, 2010

- 612 reports were created
- 814 were resolved
- 220 were resolved without changing code (i.e. invalid, duplicate, ...)

Schedule

- Milestones every 6 weeks (M1 - M7)
- Schedule: http://eclipse.org/projects/project-plan.php?projectid=rt.rap#release_milestones
- All milestones delivered as planned
- End game plan: http://wiki.eclipse.org/RAP/Ramp_down_plan

Project Plan for RAP 1.4

Still in planning stage

Further Information

- http://eclipse.org/rap - RAP project page
- http://wiki.eclipse.org/RAP - RAP wiki
- http://eclipse.org/rap/demos.php - Demo applications