



Riena Release Review 5.0

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Riena Mailing List: riena-dev@eclipse.org

IP Log: http://www.eclipse.org/projects/ip_log.php?projectid=rt.riena

Projectplan: <http://www.eclipse.org/projects/project-plan.php?projectid=rt.riena>

New in Riena 5.0



- Riena now supports Eclipse 3.x (3.8) and Eclipse 4.x (4.3)
 - In Juno Riena did not run under Eclipse 4.x and had to leave the composite repository. Now Riena 5.0 runs under Eclipse 4.x again and still supports 3.x.
- Riena also supports RAP 2.1
 - Riena has already supported RAP 1.4. in the past. Due to lack of interest in the community, that support for RAP has suffered. Now with Riena 5.0 we did some catch up and now support the current RAP 2.1 version.



Non-Code Aspects

- Riena Wiki pages which document a number of aspects in Riena
- Various samples to showcase the individual UI aspects of Riena that are supplied as an extra feature
- Client/Server demo application
- snippet project (and wiki page) that show how to use Ridgets
- Javadoc, Extension Point Schema docu

APIs



- Many Testcases (3320) to validate that APIs are working
- Many extension and services where users can replace Riena functionality with their custom implementation.
- We support Eclipse 3.x. views using extensions
 - in 3.x mode we use the Workbench
 - in 4.x mode we read the extension and add the views dynamically to the e4-Application Model



Architectural Issues

- We use OSGi Services and Extensions to make Riena extendable by others
- OSGi Services of Riena are registered with a low Service Rank so that they can easily be replaced by a self written services.
- Riena can be consumed in pieces in the steps:
 - core, remote services, ridgets, with navigation
- Dependency Injection used in all placed for services and extensions using the Injector APIs

Tools Usability



- Riena has one tool the „Riena Toolbox“
 - It helps to modify the assembly (definition of the navigation scheme)
 - generates views and controllers
 - contains a previewer that let you quickly look at Riena/RCP Views (including the Riena Look and Feel)
 - contains a UI wizard that generates a number of sample Riena apps

End of Life



- We plan to stay around for longer 😊.

Bugzilla



		Status						
		NEW	ASSIGNED	REOPENED	RESOLVED	VERIFIED	CLOSED	Total
Severity	blocker	.	.	.	<u>1</u>	.	.	<u>1</u>
	critical	.	.	.	<u>3</u>	.	<u>1</u>	<u>4</u>
	major	.	.	.	<u>20</u>	.	<u>2</u>	<u>22</u>
	normal	<u>132</u>	<u>6</u>	<u>5</u>	<u>557</u>	<u>3</u>	<u>5</u>	<u>708</u>
	minor	<u>6</u>	.	.	<u>37</u>	<u>1</u>	<u>4</u>	<u>48</u>
	trivial	.	.	.	<u>9</u>	.	.	<u>9</u>
	enhancement	<u>59</u>	<u>3</u>	<u>1</u>	<u>123</u>	.	<u>5</u>	<u>191</u>
	Total	<u>197</u>	<u>9</u>	<u>6</u>	<u>750</u>	<u>4</u>	<u>17</u>	<u>983</u>

Standards



- Attempt to base as much as possible using OSGi standards
- Remote Services are based on the concept of Webservices
- Currently Riena has its own definitions for the use of Injectors. Switching to JSR 330 or Eclipse 4 way of injecting services etc. is an option for future versions of Riena.

UI Usability



- Built on top of Eclipse RCP
- Use proven technologies from their like Views, Perspectives, Databinding
- Adds a different navigation model on top that is more driven by the requirements of endusers. (known by them from other enduser products)
- Ability to customize Look and Feel for SWT views for various use cases and customers.

Schedule



- Currently on schedule
- Riena joined Kepler with M4.

Process: Community and Activities



- 10 committers currently
- Interesting new applications and projects that show up from nowhere that use Riena and file bugs or requests.
- Open Source framework „Redview“ (non-Eclipse project) is based on Riena. „Redview“ committers are also Riena committers (Ekke)
- Ekke Gentz (committer) is still very active (<http://www.ekkes-corner.org/>), blogs, Eclipse Demo Camps etc.
- Growing number of bugs and requests are filed by non-committers.
- Open release planning and tracking processes
 - Bugzilla used to request and track all defects and enhancements
 - Bugzilla entries from committers and Riena users
- Coordination/cooperation with other Eclipse projects
 - dependency to Nebula exists (CompositeTable, Grid)



Process: Community

- Evangelism and outreach into the community
 - ECON, ECE, Eclipse DemoCamp and JAX
- Riena can be consumed in pieces
 - first Remote Service, then Ridgets, then the whole UI with the alternative navigation model
 - however most of the time people consume it all
- Compeople is helping multiple Riena-based projects to succeed in their work.
- Still its hard to find people who not only consume Riena but actually develop code for Riena and submit patches.

IP Issues



- All significant and 3rd party contribution have been reviewed and approved by Eclipse legal.
- Piggyback CQ's for all orbit libs.
- About files and license files are complete and correct.
- IPLog is submitted and approved



Future plan

- Riena plans to release a 6.0 version of Riena in the next release train (Luna)