



IBM Rational

# Agile, ALM, and Information development

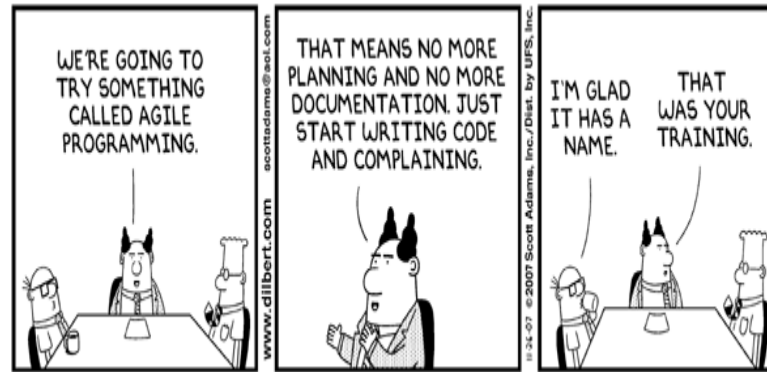
Indukalpa Lahon  
IBM Rational

| 22-08-09 |

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# Agenda

- Agile
- Agile information development process
- Challenges for ID in Agile
- Application lifecycle management (ALM)
- Jazz and IBM Rational Team Concert (RTC)
- IBM Rational UA on Jazz and RTC
- Q & A



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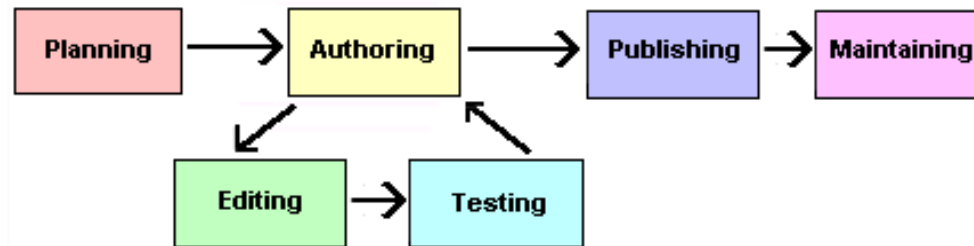
## What is Agile?

- An iterative and incremental (evolutionary) approach performed in a highly collaborative manner with **just the right amount of ceremony** to produce high quality software in a cost effective and timely manner which meets the changing needs of its stakeholders.
  
- Core principles
  - “Fits just right” process
  - Continuous testing and validation
  - Consistent team collaboration
  - Rapid response to change
  - Ongoing customer involvement
  - Frequent delivery of working software

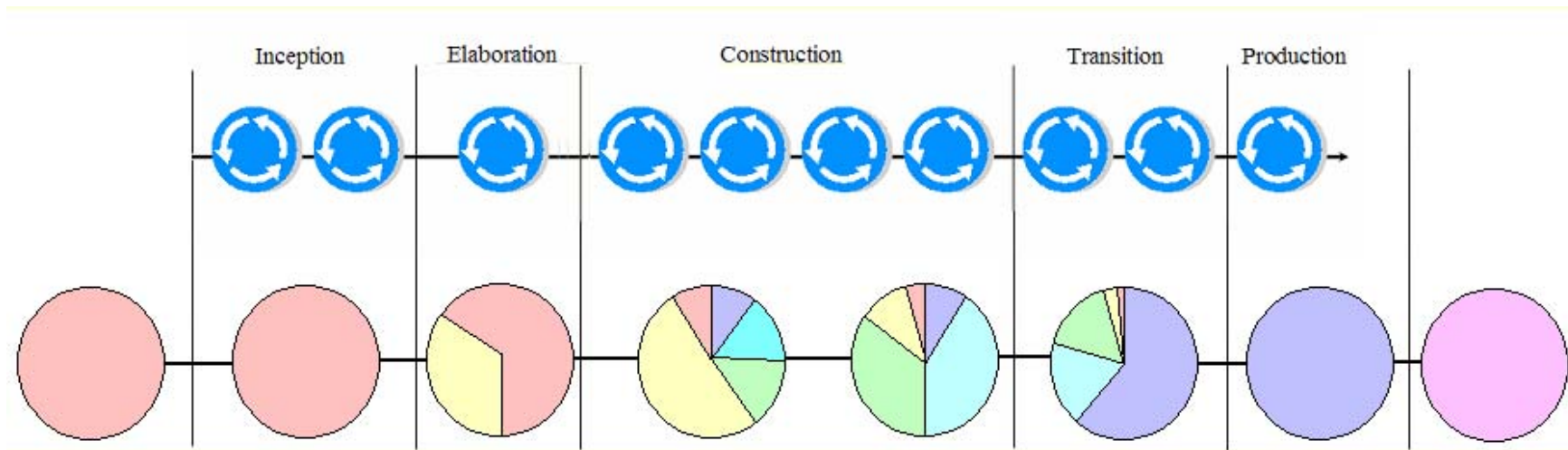


# Implications to the ID Process

Waterfall ID Process:



ID Process changes over time with Agile:



## Challenges for ID in Agile

- Moving to Agile Development may require additional resources
- Moving to agile is a paradigm shift
  - Writing without specs
  - Editing schedules
  - More throw-away work
- Impacts to ID roles and process
  - Planners, editors, and writers being shared across iterations and releases
  - Trying to be all Agile or all waterfall may be difficult
- Education is key!!!

# Application lifecycle management

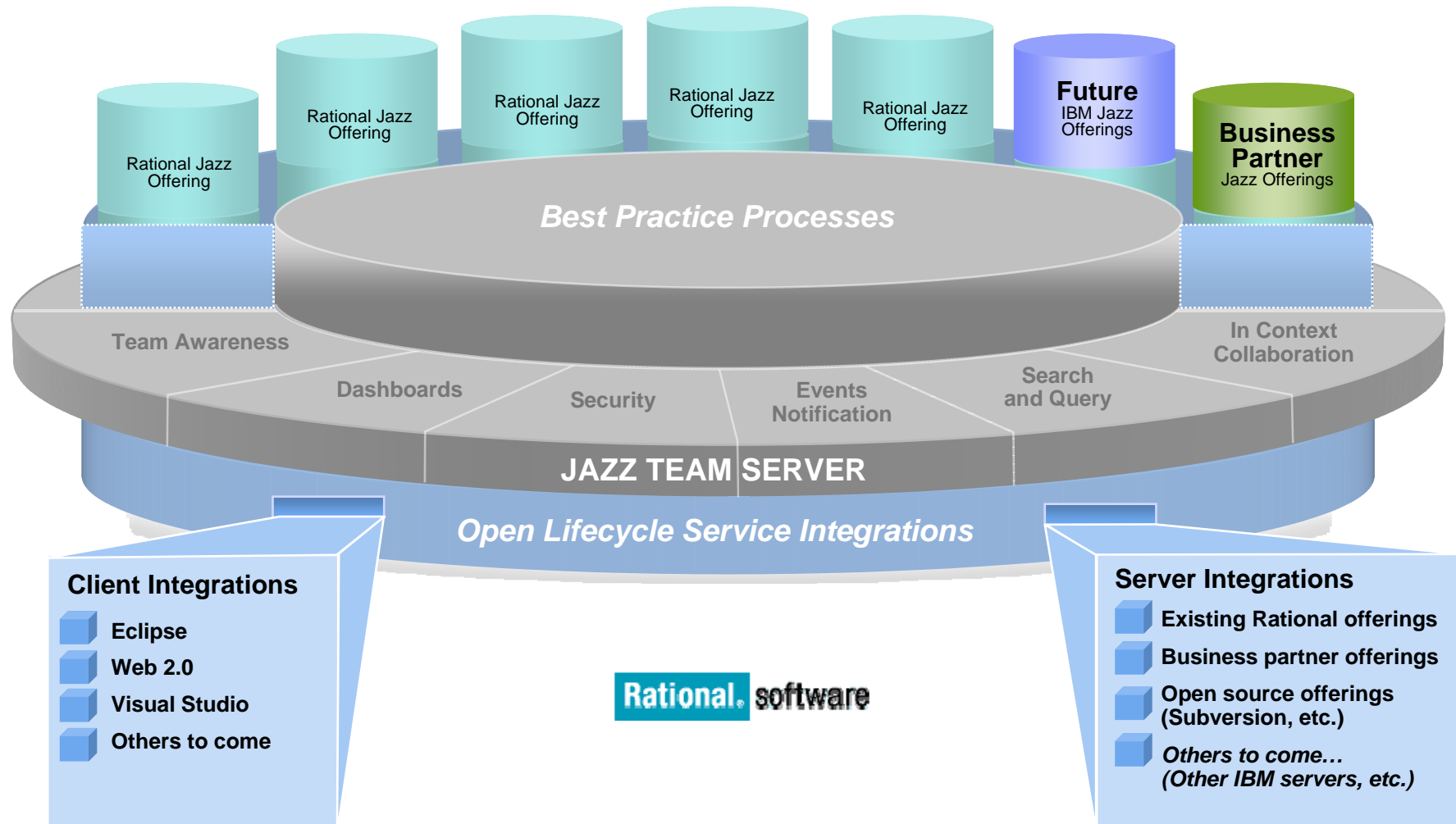
**Application lifecycle management (ALM)** is the marriage of business management to software engineering made possible by tools that facilitate and integrate:

- requirements management
- architecture
- coding
- testing
- tracking
- release management
- ...

**From Wikipedia**

[http://en.wikipedia.org/wiki/Application\\_lifecycle\\_management](http://en.wikipedia.org/wiki/Application_lifecycle_management)

# Jazz platform architecture



# Rational Team Concert: A Deeper Look

## Iteration Planning

- Integrated iteration planning and execution
- Task estimation linked to key milestones
- Out of the box agile process templates

## Project Transparency

- Customizable web based dashboards
- Real time metrics and reports
- Project milestone tracking and status

## SCM

- Integrated stream management with flow relationships
- Component level baselines
- Server-based sandboxes
- Identifies component in streams and available baselines

## Work Items

- Defects, enhancements and conversations
- Query results view and share queries with team or member
- Support for approvals and discussions

## Build

- Work item and change set traceability
- Local or remote build servers
- Supports ant and command line tools
- Integration with build forge
- Build definitions for team and private builds

## Jazz Team Server

- Single structure for project related artifacts
- World-class team on-boarding / offboarding including team membership, sub-teams and project inheritance
- Role-based operational control for flexible definition of process and capabilities
- Team advisor for defining / refining “rules” and enabling continuous improvement
- Process enactment and enforcement
- In-context collaboration shows team members and status of their work

## What is Jazz to us

- A platform to communicate, collaborate, and unite across projects, roles, functions and physical boundaries
- An integrated toolset for project delivery:
  - Identifying/managing doc requirements – from use cases and engineering plan items
  - Managing projects – using iteration plans and work items
  - Assigning work
  - Balancing workloads – for teams and self
  - Tracking work progress
  - Tracking project status and reporting - retrospect
  - Software configuration management

## ROI (I = time + effort)

- Tighter integration with component teams and within the team
- Team members manage themselves and their work
- Immediate status information - without painful updates that need to be maintained manually
- Creation of a literal “MIS”\* – available anytime, anywhere
- Smoother end games

\*MIS – Management Information System

# RTC

Work Items - Rational Team Concert

File Edit Navigate Search Project Run Window Help

Team Artifacts Team Central My Work Team Organizati

All Project and Team Areas (50 of 53 areas selected)

- Repository Connections
  - Rational Focal Point for Project Management [jazzdev04.torolab.ibm.com]
    - Builds
    - Plans
    - Reports
    - Source Control
    - Work Items
  - Rational Focal Point for Project Management Private [jazzdev04.torolab.ibm.com]
  - Rational Insight [jazzdev02.torolab.ibm.com]
  - Rational Insight Private [jazzdev02.torolab.ibm.com]
  - Favorites
  - Feeds
  - My Repository Workspaces
  - My Team Areas
  - Work Item History

Work Items Tag Cloud Problems Team Advisor Repository Files

Found 13 work items - Current iteration - resolv

I	Status	P	S	Summary	O
12901	Resolved			Clean up unused section tags from all dita topics	
12899	Resolved			Remove empty tags from dita files	
12890	Resolved			Document for users who do not have admin permission...	
12873	Resolved			Create Getting Started ditamap	
12835	Resolved			Time code and Charge codes sections are removed from Details ...	
12430	Resolved			Glossary DITA file	
12396	Resolved			Set up RTC documentation reuse	
12394	Resolved			Update documentation for baseline changes	
12392	Resolved			Document planned schedule display in Gantt view	
12390	Resolved			Document renaming of projects	
12389	Resolved			Document milestone addition to WBS elements	
12387	Resolved			Document resolve dependency UI changes	
11712	Resolved			Update documentation for %W, %C, and %DC rollout	

12392 not found in jazzdev02.torolab.ibm.com

<No Current Work>

# RTC Web UI

**Rational Team Concert** | Neeti Sukhtankar | Log Out  
Rational UA Project

Home | Project Areas | **Dashboards** | Work Items | Iteration Plans | Source Control | Reports | Help

All Dashboards > Rational UA Project >

### Rational UA Dashboard

Home | Roll-up - cross-org | Roll-up - releases | PM Meetings | MoM meetings | How to... | Add New Tab | Add Viewlet

**Cross product tasks (285)**

- 910: Release CQ 7.1
- 911: Release CC 7.1
- 1186: Implement common UA Update practice
- 1185: Define UA Update Story
- 1181: Implement common UA Translation practice
- 1176: Implement Web Delivery practice in products
- 913: Have RFT customers who want to add API docs review whitepaper
- 1253: UA maturity checklists
- 1275: CRM 7.1 Release
- 1307: RSX - implement UA Delivery

Page 1 of 29

**Common UA (103)**

- 802: Consolidate Help system print instructions to single set of steps
- 1328: When using remote help - have products add jetty feature
- 1357: What needs to be done with com.ibm.common.swt.welcome.doc.feature
- 1621: Branding and local vs remote features
- 1758: customizing help topic
- 1925: Add info to tracker for new common features/plugins
- 1967: Check on common file DVT plans
- 2121: Related Information links in Keyboard Shortcut topic break in SDF IC and integrated IEHS
- 2178: Web resources fonts are too small on new Welcome home page
- 2181: Display sample subcategories in alphabetically order

Page 1 of 11

**Need testers?**

If you have a piece of work that needs volunteers for a testing pass, tag the work item `needs_testing`.

**Needs testing (0)**

No work items found.

**Roll-out items (8) Category**

Category	Count
Rational IA	4
Rational IA/Com...	2
Rational IA/Guide...	1
Rational IA/Hom e...	1

**MoM initiatives (7)**

- 1806: Pre-Release Initiative status
- 1808: Initiative status schedule
- 1918: Install speed team status
- 1927: MM init. status for MoM
- 1998: Metadata initiative status
- 1999: Integrations initiative status
- 2001: OOBIE initiative status

**Work Item Queries**

- Closed last week (6)
- Common files (103)
- Cross-product tasks (284)
- Future MoM meetings (2)
- MoM initiatives (7)
- MoM meeting items (4)
- MoM minutes (1)
- MoM topics (4)
- Needs testing (0)
- PM meeting agenda (7)
- PM meeting discussions (0)
- PM tasks (2)
- PM work item proposals (0)
- Release community agenda (1)
- Roll-out items (8)

IBM. | Jazz

## RTC Web UI - USPs

- Hit the ground running – all you need is a browser
- Easy to use, great look and feel
- Dashboards – a great USP – customizable and extensible
- View all artifacts in SCM stream
- Create and view reports – data warehouse

# Quick tour – project area dashboard

The screenshot shows the Rational Team Concert interface. At the top, the user is logged in as Indukalpa Lahon. The main navigation bar includes 'Dashboards', 'Project Areas', 'Work Items', 'Plans', 'Source Control', 'Builds', 'Reports', and 'ClearQuest Records'. The current view is the 'Rational UA Dashboard' under the 'Rational UT Project' area.

The dashboard features a left-hand navigation pane with sections for 'Recently Viewed' (Rational UA, Projects, Rational UT Project) and 'Public Dashboards' (Rational UT Project, Projects, Communities, Rational UA, Product UA, Focal Point for Project Management, QM, Rational Focal Point for Portfolio Management, Rational Insight, Rational Publishing Engine, Requirements, RMC, RPM, User Technologies Resource Portal, All Dashboards).

The main content area displays the 'Rational UA Dashboard' with a breadcrumb trail: 'All Dashboards > Rational UT Project > Rational UA Dashboard'. Below the breadcrumb are tabs for 'Home', 'Tracking', 'Roll-up - cross-org', 'Roll-up - releases', 'PM Meetings', 'UT Open Forum', 'OTs', and 'How to...'. The dashboard contains several widgets:

- Description Rational UA:** The high-level team for the Rational UA project.
- Rational UA Events:** There are no entries in the feed that satisfy your selected filters.
- New unassigned (153) Filed Against:** A list of unassigned items including 'Communities/Guidelines', 'Communities/Jazz UA integrations', 'Individual To-Do', 'Product UA', 'Product UA/Product A Sample', 'Product UA/QM team', 'Product UA/Rational Focal Point for Portfolio Management', 'Product UA/Rational Insight', 'Product UA/Requirements/RMC', 'Product UA/Requirements/RMC/Online Help Category', 'Product UA/Requirements/RMC/Tutorial Category', 'UT Portal', and 'UT Portal/Announcement'.
- Current Rational UA Plans (2):** Current Iteration: 2009-08, RAM 7.2 InfoCenter (Aug), RSx, RSARTE, and BlueTel, v7.5.4 - Final iteration.

The IBM logo is visible in the bottom left corner of the interface.

# Quick tour – team area dashboard

**Rational Team Concert** | Indukalpa Lahon | Log Out

**Documentation Team**

Current iteration | By Owners | General | Meetings | Dependencies | Planning

**Current Documentation Team Plans (1)**  
Current Iteration: **Doc-I16**  
Doc-I16

**Plan Items (8)**

- 11031: Documentation for CQ integration
- 11454: Documentation for Time management I13 use cases
- 11524: Documentation for Rational Insight integration
- 12384: Reuse the Jazz common topics for Tara
- 12386: Documentation for Work Management I15 use cases
- 12892: Document for resources without calendar will not be listed in search results
- 12894: Update document to reflect changes brought in Risk management viewlet
- 12942: Documentation for WM I16 use cases

**Current iteration open tasks (21)**

- 12533: Remove unnecessary tags from Managing Users topic
- 12610: Create topic on configuring insight for Tara
- 12836: Test CS help
- 12888: Add a note that only resource with calendar can be mapped
- 13004: Add Jazz foundation topics to help
- 12691: Migrate to new common files
- 12928: Plan schedule is by default equal to the expected schedule
- 12962: For edit from Sonia
- 13053: Incorporate edit returns
- 13054: Document as per changes brought in Risk management

Page 1 of 3

**Plan items (8) Status**

**Current iteration - open tasks (21) Owned By**

Owner	Count
Attaullah Syed	8
Neeti Sukhtankar	5
Sarah Mohan	4
Kristin Kronstain	1
Jozef de Vries	1
Susan Peich	1

**Tasks status (34) Status**

Status	Count
Triaged	12
Resolved	10
In Progress	6
New	6

**Current iteration - open tasks (21) Priority**

# Quick tour – work items and queries

Rational Team Concert Indukalpa Lahon | Log Out | Rational Focal Point for P

Dashboards Project Areas **Work Items** Plans Builds Reports

**Create**  
Work Item

Create Query

**Recently Viewed**

- Current iteration - all tasks

**Shared Queries**

- Predefined
  - All Open Defects
  - Closed created by me
  - Closed subscribed by me
  - Defects with status "NEW"
  - New unassigned
  - Open assigned to me
  - Open assigned to me (current milestone)
- Requirements Team [Requirements]
- Community [development]
- Documentation Team [Documentation]
  - CS Help items
  - Current iteration - all tasks**
  - Current iteration - open tasks
  - Current iteration - resolved tasks
  - Current iteration All Plan Items - Used in Dashboard
  - Current iteration plan items
  - Deferred or unplanned items
  - Documentation review

### Current iteration - all tasks

Show All Items Per Page Previous | 1 - 34 of 34 | Next

Type	Id	Summary	Owned By	Status	Priority	Severity	Modified Date
	13053	Incorporate edit returns	Sarah Mohan	In Progress			2 hours ago
	13054	Document as per changes brought in Risk management	Sarah Mohan	In Progress			2 hours ago
	12893	Update document for removal of Details and Result layout tab	Sarah Mohan	Triaged			2 hours ago
	12890	Document for users who do not have admin permissions cannot modify views	Sarah Mohan	Resolved			2 hours ago
	12995	Author, rewrite, and refactor charge codes and time codes documentation	Kristin Kronstain	Triaged			Yesterday
	12959	Document steps for migrating from one beta release to another	Neeti Sukhtankar	Triaged			Yesterday
	13004	Add Jazz foundation topics to help	Attaullah Syed	New			Yesterday
	12396	Set up RTC documentation reuse	Neeti Sukhtankar	Resolved			Yesterday
	12835	Time code and Charge codes sections are removed from Details viewlet	Kristin Kronstain	Resolved			2 days ago
	12962	For edit from Sonia	Susan Peich	In Progress			2 days ago
	12691	Migrate to new common files	Jozef de Vries	In Progress			2 days ago
	12941	Document removal of WBS elements from tree	Neeti Sukhtankar	Triaged			2 days ago
	12901	Clean up unused section tags from all dita topics	Kristin Kronstain	Resolved			2 days ago
	12430	Glossary DITA file	Kristin Kronstain	Resolved			2 days ago
	12873	Create Getting Started ditamap	Kristin Kronstain	Resolved			2 days ago
	12899	Remove empty tags from dita files	Sarah Mohan	Resolved			3 days ago
	12928	Plan schedule is by default equal to the expected schedule	Neeti Sukhtankar	In Progress			3 days ago
	12473	Document limitation of sample users supplied with the sample data	Attaullah Syed	Triaged			3 days ago
	11712	Update documentation for %W, %C, and %DC rollup	Neeti Sukhtankar	Resolved			3 days ago
	12888	Add a note that only resource with calendar can be mapped	Attaullah Syed	New			3 days ago
	12392	Document planned schedule display in Gantt view	Neeti Sukhtankar	Resolved			4 days ago
	11677	Create timesheet tutorial	Attaullah Syed	Triaged			4 days ago

# Quick tour – iteration plans

Rational Team Concert

Indukaipa Lahon | Log Out

Dashboards | Project Areas | Work Items | **Plans** | Builds | Reports

My Current Plans >

Previous | 1 of 2 | Next

**Doc-I16**

Team Area: Documentation Team | Iteration: Doc-I16 (8/17/09 - 8/28/09) | 16 Closed | 36 Open

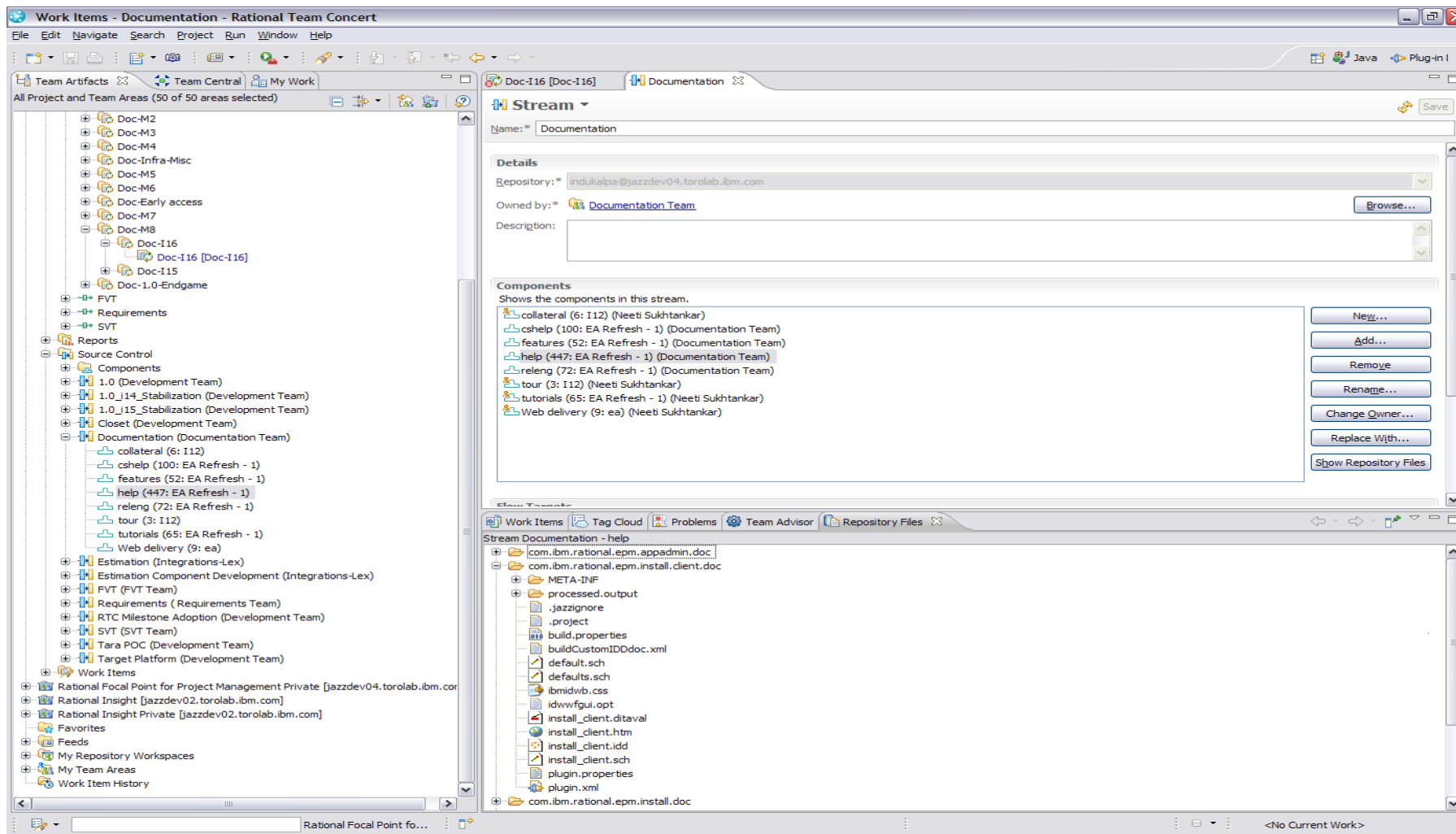
Overview | **Planned Items** | Charts

Progress: 55.75/136.5 | -5 h Estimated: -

View As: Work Breakdown

Resource	Item	Duration	Status	Priority	Estimate
Alice Sebastian			No Work		Estimated: -
Attaulah Syed			Load: 25/36.5   +11.5 h		Estimated: 80%
	Add a note that only resource with calendar can be mapped	30 minutes	New	-	12
	Remove unnecessary tags from Managing Users topic	-	New	-	12
	Document limitation of sample users supplied with the sample data	4 hours	Triaged	-	12
	Reuse the Jazz common topics for Tara		New		12
	Timesheet specific permissions will move to project area	30 minutes	Triaged	-	12
	Create timesheet tutorial	2 days	Triaged	-	11
	Document ability to modify User calendar properties	-	Triaged	-	11
	Documentation for Rational Insight integration		New		11
	Documentation for Time management I13 use cases		New		11
	Documentation for CQ integration		Committed		11
	The content of the context help for User page in admin requires modification	30 minutes	Triaged	-	10
	SVT: User unable to use calendar effectively	30 minutes	Triaged	-	93
Carol Newbold			No Work		Estimated: -
Dilawar Singh			No Work		Estimated: -
Harish Muleva			No Work		Estimated: -
Indukaipa Lahon			No Work		Estimated: -
Jozef de Vries			Load: 1/18.25   +17.25 h		Estimated: 100%
	Migrate to new common files	1 hour	In Progress	-	12
Kristin Kronstain					

# Quick tour – SCM



# Quick tour – Reports

Rational Team Concert
Indukalpa Lahon | Log Out

Dashboards | Project Areas | Work Items | Plans | Builds | **Reports**
Rational Focal Point for

Create Report

**My Reports**

**Shared Reports**

- 1.0 Post EA
  - Open vs Closed Work Items
  - Post EA Defect Backlog
  - Work Items by Team Area
- Build Reports
- Defect Status
- DevReport
- JUnit Report
- SVT
- Defect Backlog - Work

Include Archived

**Admin**

Administer SCM Snapshot

### Work Items by Team Area

Work items by type

Team Area	Defect	Enhancement	Task
Work Mgmt	1000	100	200
Time Mgmt	500	100	200
Resource Mgmt	1400	100	300
Integrations-Lex	100	0	0
Integrations	400	100	100
Development Team	300	0	500

### Open vs. closed work items

Team Area	Closed	Open
Work Mgmt	1200	700
Time Mgmt	700	500
Resource Mgmt	1500	700
Integrations-Lex	50	50
Integrations	500	400
Development Team	900	400

**About this report**

Report Generated Aug 21, 2009 3:14:39 AM EDT

» What does this report tell me?

## Use dashboards to...

- Track project health and trends
- Discuss status using the dashboard as a data source
- Track team progress and balance team and individual workload
- Relay and exchange information
- Create and display custom information sets – data mining unleashed

# Drill down...

**ASQ team open (77)**

- 893: RFT Agenda 2008-04-29
- 1105: RFT Agenda 2008-05-13
- 1034: RFT Agenda 2008-05-06
- 838: RFT Agenda 2008-04-22
- 579: Flex 3.0 and Firefox 2.0 support
- 1343: Create Robot supplement doc
- 1354: RFT A
- 1382: formal
- 1470: set up
- 1476: Create
- 1491: RFT A
- 1517: New ty
- 1518: Unify t
- 1658: RFT A
- 1702: RFT Agenda 2008-06-24

Page 1 of 6

Previous | Page 1 of 6 | Next

**Swathi - Open (29)**

- 1105: RFT Agenda 2008-05-1
- 2150: RFT Agenda 2008-08-0
- 2081: RFT Agenda 2008-07-2
- 2009: RFT Agenda 2008-07-2
- 1702: RFT Agenda 2008-06-2
- 1658: RFT Agenda 2008-06-1

Page

**Phil - Open/approval (37)**

- 1700: Help Home Page Updates & Fixes
- 2058: iDoc review of installation template for desktop products
- 595: Attach your installation roadmaps to this task
- 2198: Education on error message development for RFT
- 2145: ASE8 User's guide review before migration
- 2037: Discuss IDWB 4.0 autogenerated tags

Page 1 of 7

# Refine your views...

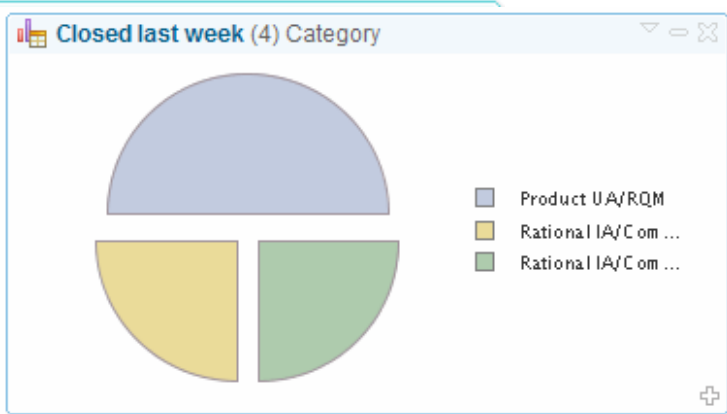
**ASQ team closed (81)**

- ✓ 66: Rel Eng can't use the UA WAR repository
- ✓ 90: Prepare for internal IPT Audit
- ✓ 330: REFERENCE: Infocenter setup and iDoc usage
- ✓ 272: REFERENCE: WatchFire
- ✓ 409: Create new help home page with the r
- ✓ 448: REFERENCE: ASQ Best Practices
- ✓ 307: REFERENCE: UA Newsletter
- ✓ 378: REFERENCE: Task modeler 6
- ✓ 424: RFT Agenda 2008-03-25
- ✓ 386: Follow up on PDF builds and translati
- ✓ 345: Initiative/Misc rep status
- ✓ 337: REFERENCE: Team Concert Usage
- ✓ 305: REFERENCE: New Splash screen - counts number of products installed
- ✓ 366: Schedule
- ✓ 344: Meeting summaries

Page 1 of 6

**Closed last week (4)**

- ✓ 2087: Update DVT test
- ✓ 1973: request change
- ✓ 2077: Install section n
- ✓ 2044: Reepplace use of



## Not just project status...

- Communities...
- Initiatives....
- All UA groups use RTC as a collaboration and tracking platform
- Works for groups that share nothing but a common purpose

The screenshot displays two overlapping dashboard windows from the IBM Rational project management tool. The top window is titled "Planning, Installing, and Deploying Dashboard" and is part of the "Rational UA > Communities" navigation path. It features a "Welcome" message, a list of team members (including Anindita Basu, Brad Schweitzer, and others), and a list of recent events. The bottom window is titled "Metadata initiative Dashboard" and is part of the "Rational UA > Initiatives" navigation path. It shows a "Metadata initiative Description" and a list of members (including Christal Pomeroy, Neeti Sukhtankar, and others). Red circles highlight the navigation paths in both windows.

**Planning, Installing, and Deploying Dashboard**

All Dashboards > Rational UA Project > Rational UA > Communities >

General | Add New Tab

**Welcome to Planning, Installing, and Deploying**

Welcome to the Planning, Installing and Deploying team. You're a member of this team because you work on an installation guide, release docs, or planning and configuration-related information. We'll use this dashboard to communicate with each other about changes in the installation process, best practices, and anything else we all need to know.

**Planning, Installing, and Deploying Members (17)**

Anindita Basu	contributor
Brad Schweitzer	teamlead, contributor
Candy Morton	contributor
Chris Jeffs	contributor
Chuck Doebler	contributor
Douglas Bush	contributor
Francoise Hembert	contributor
Jeff Antley	contributor
Jennifer Latour	contributor
Jill Ackerman	contributor
Neeti Sukhtankar	contributor
Patricia Zamora	contributor
Ravinder S. Panwar	contributor
Sally A. Hehir	contributor
Susan Yeshin	contributor
Swathi Jain	contributor
Wayne Zhang	contributor

**Current Planning, Installing, and Deploying Pla... (0)**

Current Iteration: 2008-08  
No results available.

**Useful Bookmarks**

- Installation Guidelines (Rational UA Guidelines IC)
- Installation Manager 1.0.0 Information Center

**Planning, Installing, and Deploying Event... (23 new)**

- Phil Menzies delivered 'inserted conreffed search titles, added a conref file with instructions to conref that to prodnames.' to Installation Docs Last Week
- Chuck Doebler delivered '<No Comment>' to Installation Docs Last Week
- Phil Menzies delivered 'remote help topics updated' to

**Metadata initiative Dashboard**

All Dashboards > Rational UA Project > Rational UA > Initiatives >

General | Add New Tab

**Metadata initiative Description**

The initiative group looking at using metadata in our UA.

**Metadata initiative Members (5)**

Christal Pomeroy	contributor
Neeti Sukhtankar	contributor
Robert Pierce	teamlead, contributor
Ronnie Seagren	contributor
Stephanie Trunzo	teamlead, contributor

# Work items

- Statement of individual work
- Some work item types:
  - Task
  - Use case
  - Story
  - Defect
  - Enhancement
  - Plan items
  - Story
- Contain default attributes (owner, priority, status, and so on)
- Default attributes can be used in work item queries and the dashboard for intelligent data mining

**Task 987**

Summary:  [New](#)

[Overview](#) [Links](#) [Approvals](#) [History](#)

**Details**

Type:	<input type="text" value="Task"/>	Owned By:	<input type="text" value="Paul Jose"/>
Severity:	<input type="text" value="Normal"/>	Priority:	<input type="text" value="Medium"/>
Found In:	<input type="text" value="Unassigned"/>	Planned For:	<input type="text" value="I6"/>
Creation Date:	<input type="text" value="Aug 8, 2008 7:13 PM"/>	Estimate:	<input type="text" value=""/>
Created By:	<input type="text" value="Hrishikesh S Kumar"/>	Correction:	<input type="text" value=""/>
Project Area:	<input type="text" value="Tara"/>	Time Spent:	<input type="text" value=""/>
Team Area:	<input type="text" value="Tara Dev Team"/>	Due Date:	<input type="text" value="Aug 22, 2008"/>
Filed Against:	<input type="text" value="... Development Category"/>		
Tags:	<input type="text" value="tm"/>		

**Description** [Preview](#)

**Discussion** [Add Comment](#)

No Comments.

[Add Comment](#)

## Work items

- Not just 'work items' – you decide what you want it to be:
  - Meeting minutes/action items
  - Discussion items
  - Information – decisions, process details
  - Review/approval items
  - Use cases
  - Milestones
  - Status item
- Create one to many relationships for easier tracking

## Work item tags

- Additional descriptors, markup for each item – kind of metadata
- Tagging of work items takes the possibility of making intelligent sense of the data to a new level
- Also extends scope of work items from mere ‘work items’ to a data point
- Extends the scope of work item queries beyond the available attributes

[Demo](#) 

## Intelligent tagging

- Use your imagination with tagging
- Tagging enables data for intelligent mining
- With the use of tags and associated queries, you can convert tagged data into business intelligence

## Work item queries

- Use simple OOB queries to get quick status
- Construct your own queries
- Queries are extensible
  - AND/OR operators
  - Combination of attributes and tags

## Case in point - meetings without agendas

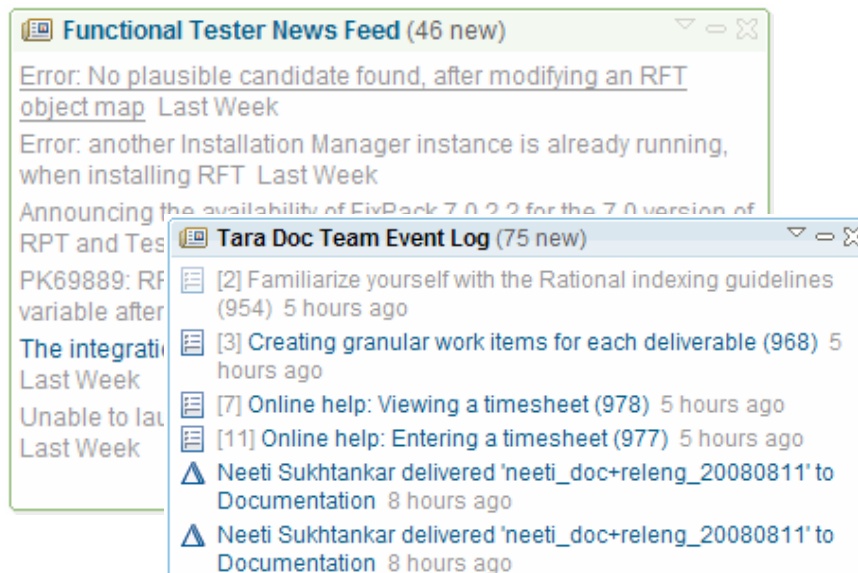
- Result of smart tagging and querying
- Possible due to dashboard capabilities
- Meeting agendas are a thing of the past – no more static text-based agendas
- Our agendas are constructed dynamically and on-the-fly
- No more collecting or reporting status
- Create action and discussion items from meeting items
- Tag and query at next meeting

[Demo](#) 

# Feeds and Server Status

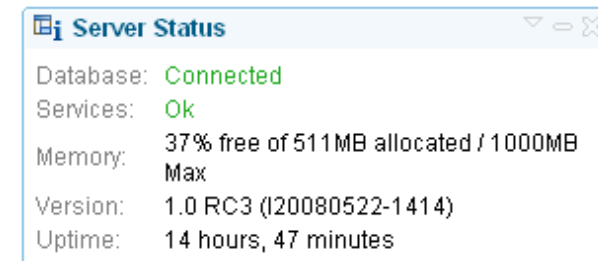
## Feeds

- RSS and Atom feeds
- Jazz events



## Server status

- Shows the repository server status at a glance (memory, version, uptime)



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