

Agility@Scale: Agile Planning and Best Practices with IBM(R) Rational Team Concert(TM)

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Agenda

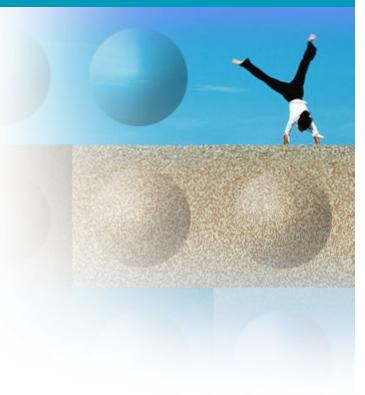


What is Agile?

 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
- Ongoing customer involvement
- Rapid response to change
- Frequent delivery of working software

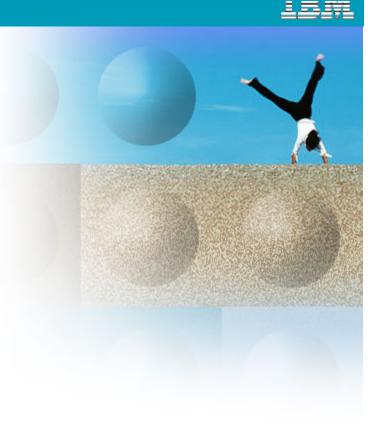


IBM

Agile Methods

There are several Agile Methods available, however from a bird's eye view they share a common set of tooling relevant properties:

- Short development cycles (1 8 weeks)
- Self organizing development teams
 - Joint planning meetings
 - Stand-up meetings
- High personal responsibility of team members
 - Developers "manage" their work
 - Developers / Teams estimate
- Progress tracking
- Ongoing customer involvement
- Use of historical data to improve planning



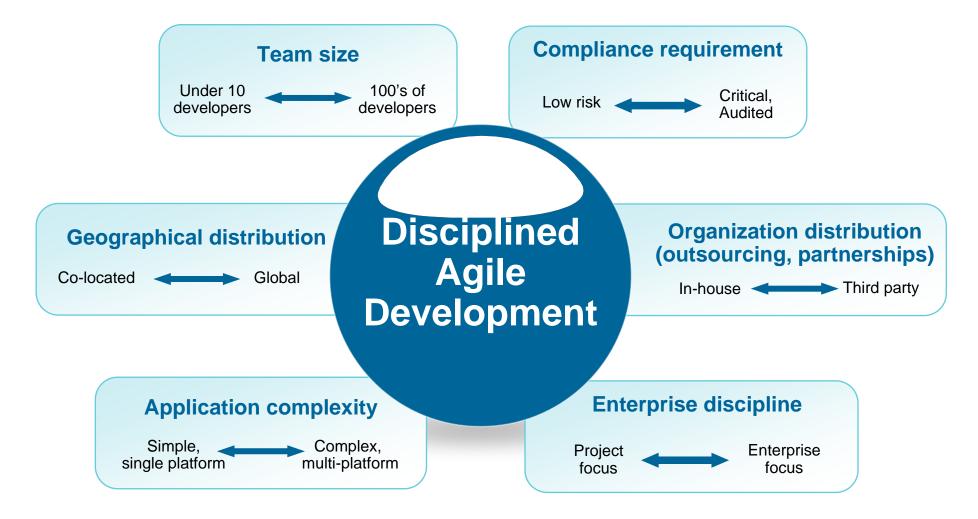


Agenda





What is Agility at Scale?





Agile Process Maturity Model



Core Agile Development

Focus is on construction

Goal is to develop a high-quality system in an evolutionary, collaborative, and selforganizing manner

Value-driven lifecycle with regular production of working software



Disciplined Agile Delivery

Extends agile development to address full system lifecycle

Risk and value-driven lifecycle

Self organization within an appropriate governance framework



Agility at Scale

Addresses one or more scaling factors:

- Team size
- Geographical distribution
- Organizational distribution
- Regulatory compliance
- Environmental complexity
- Enterprise discipline



Rational Team Concert's Agile Planning Support

- RTC's Agile Planning support has the following key characteristics:
 - Process neutral (works with Scrum, OpenUp ...), but assumes
 - short (1 6 weeks) development cycles
 - supports two level planning: release, iteration
 - supports monitoring releases, iterations
 - No separation between planning/implementing of features and bug fixing
 - Both planning and defect management share a common data model
 - They are supported in the same tool and are highly integrated
 - Plans are in fact a query for work items
 - Supports:
 - Top down planning (product owner, team lead, ...) OR
 - Bottom Up (team members) OR
 - Plan consolidation (Sprint planning meetings, stand-ups, ...)



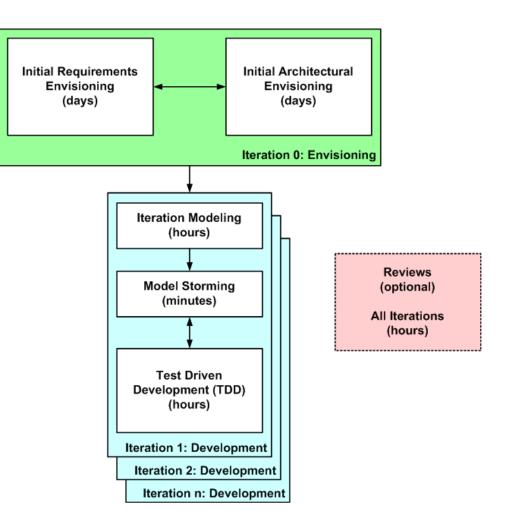
Sample Agile Activity: Up Front Modeling

Do some initial requirements envisioning to identify the highlevel requirements

Do some initial architecture envisioning to identify a viable architecture strategy

DO NOT write detailed specifications at the beginning of the project

The goal is to reduce risk by thinking critical issues through but not take on the burden (and risk) of detailed specifications



Source: www.agilemodeling.com/essays/amdd.htm



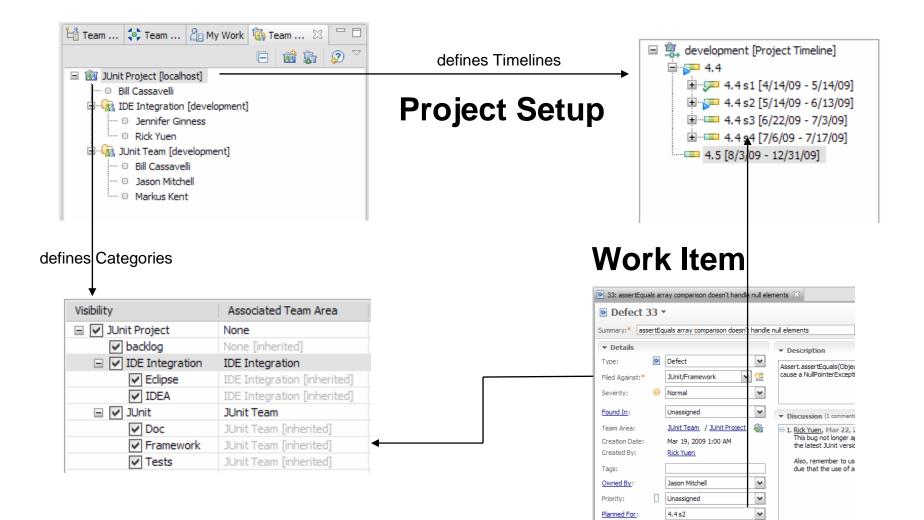
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Project Areas, Timelines, Iterations and Categories



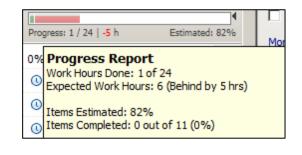


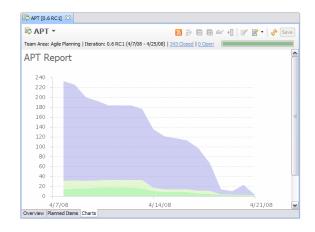
Project Plans

RTC plans are <u>live</u>

- Shows immediate status on team and individuals
- Provides certainty on project schedule
- Plans include charts (e.g., burn down)

Tea	m Area: Kite Lines Team Iteration: 2.0 (2/19/09	9 - 3/18/09) <u>0 Closed</u>	29 Open	
•	gurup Closed items: 0 Open items: 4	Progress: 4 / 12 +0 h	Estimated:	▲ 100%
	🔹 🔄 User Profile Soc-nf001	0% Closed	🖶 High	652
	📋 Extend User Profile with Extra Fields	① 1 day 2 hours	💾 High	653
	Update Status Report for Iteration 2	③ 2 hours	📙 Low	696
	Include comments from other users in profile Soc-nf002		📙 Low	661
•	howardr O Closed items: 0 Open items: 5	Progress: 0 / 18 -5 h	Estimated:	▲ 100%
	Publish Books Uc-bok004	0% Closed	🖶 High	608
	Team Meeting Minutes for 2/25/09	③ 30 mins	📙 Low	695
•	jdoran Closed items: 0 Open items: 11	Progress: 1 / 24 -5 h	Estimated	4 1:82%
	Book Profile Bok-nf001	0% Closed	💾 High	580

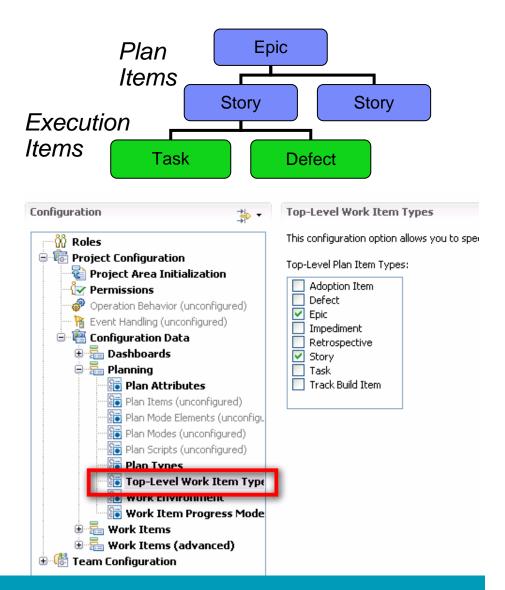




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Work items

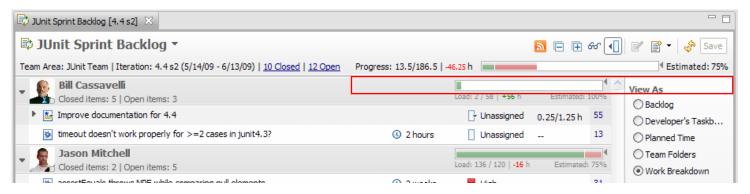
- Work items have two flavors:
 - Execution Items: work items which have work assigned. In Scrum these are task, defects, ...
 - Plan Items: work items that are relevant for the planning. In Scrum these are Epics and Stories
- RTC allows to customize which work item types are plan items and which types are execution items.



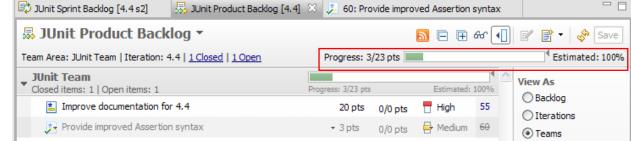


Estimation and Sizing

Effort: Execution items are estimated in ideal hours.

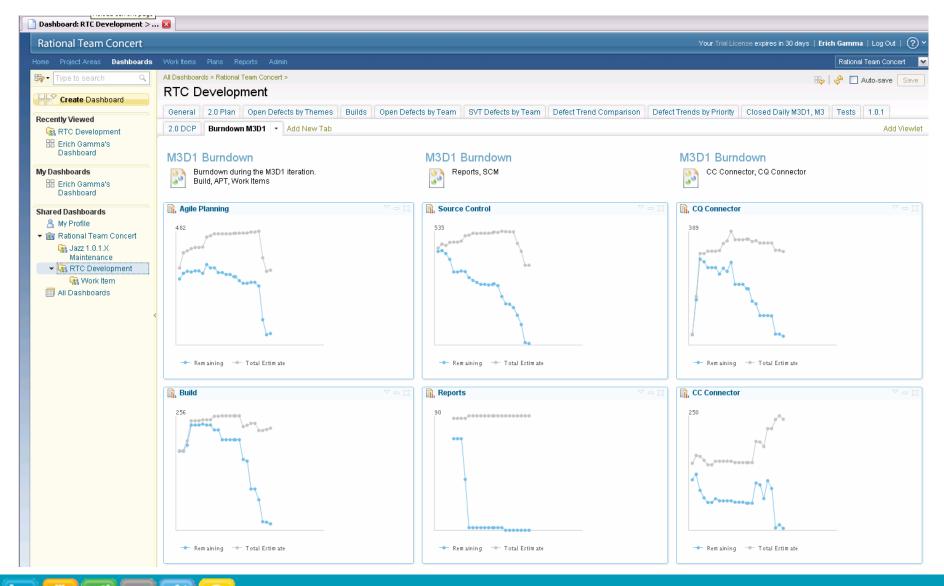


- Size: Plan items are estimated using a configurable numerical sizing attribute
 - Scrum uses Story points. Other sizing attributes could be: lines of code, function points, ...





Effort Burn Down



Agile at Scale: Agile Planning



Backlog and Planned Time

Backlog

Sorts the work items in backlog order. Rearranging work items in this sort mode will change its ranking on the backlog

Planned Time

Sorts the work items in the order in which the owner of the work item intends to work on them. The owner defines this sequence typically in the My Work View.

View	As: Backlog	🖻 🖻 🗙 🔆 🕂	@ @ 🖉
۵	assertEquals throws NPE while comparing null elements	- High	31
	😻 assertArrayEquals misses differences	🖶 High	7
	Based on the assertThat syntax we should provide assumptions and theories support	🖶 Medium	59
	javadoc updates for @lgnore in 4.3	🖶 Medium	30
	😼 Tests on protected methods fail	🖶 Medium	14
	assertThat fails with Class tests (documentation problem)	🖶 Medium	10
	assertEquals array comparison doesn't handle null elements	📙 Low	33
0	testCount hard-coded to 1 for childless Description	Low	27
0	timeout doesn't work properly for >=2 cases in junit4.3?	Unassigned	13
0	👺 assertThat signature does not match Matcher	Unassigned	9
0	CompositeRunner.filter incorrect if child throws NoTestsRema	Unassigned	4

•	Jason Mitchell Closed Items: 2 Open Items: 4	Load: 138/112 -26 h	Estimated: 100%	
	Past (2 closed)			
	Later This Week (4 open)			
	assertEquals array comparison doesn't handle null elements	🕔 1 day	Low	33
	CompositeRunner.filter incorrect if child throws NoTestsRema	() 2 hours	Unassigned	4
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Plan Risk Assessment

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Individual Work Schedule

- Users order work in My Work view
 - Shows immediate, real-time personal schedule
- Provides developer certainty on their personal schedule
 - Up-to-date expectations to user and entire team

 Current Work (JUnit Project) 				
Today (1 items)				~
Based on the assertThat syntax we should provide assumptions and theories support	0	4h	59	
Tomorrow (3 items)				
🔯 🧧 assertArrayEquals misses differences	0	1h	7	
📋 🖶 javadoc updates for @Ignore in 4.3	0	1h	30	
🔯 🖶 assertThat signature does not match Matcher	0	1d	9	=
Next Week (1 items)				_
timeout doesn't work properly for >=2 cases in junit4.3?	0	2h	13	



Event Feeds and Notification

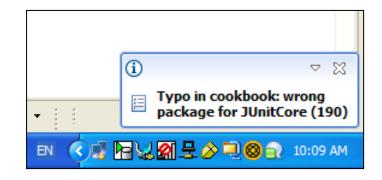
RTC provides immediate feedback for all project events

- Shows what other team members are doing
- Approvals, builds, news, reports, CM changes, process changes, work changes, etc.

Location-independent notification

Flexible notification – pop-up (right figure), email, RSS

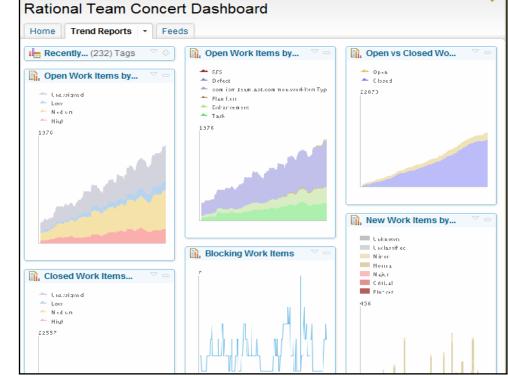






Dashboards

- Live, aggregated project information
 - Shows work, builds, schedules, load, news, events, etc.
 - Dashboards for projects, teams, individuals
 - Variety of presentation options bar, line, pie, cloud
- Certainty are we on track?
- Immediacy live project data





Open work items by type

1800 1600

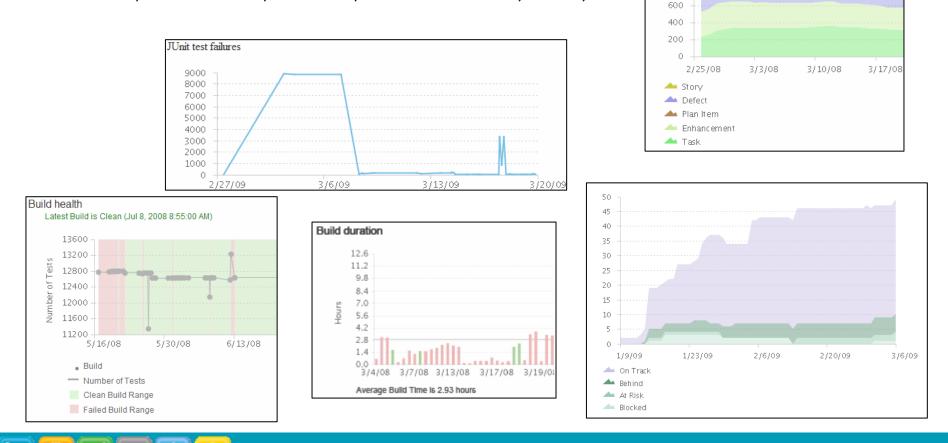
1400 1200 1000

800

Reports

Immediate feedback on project trends

Builds, work items, defects, source control, tests,





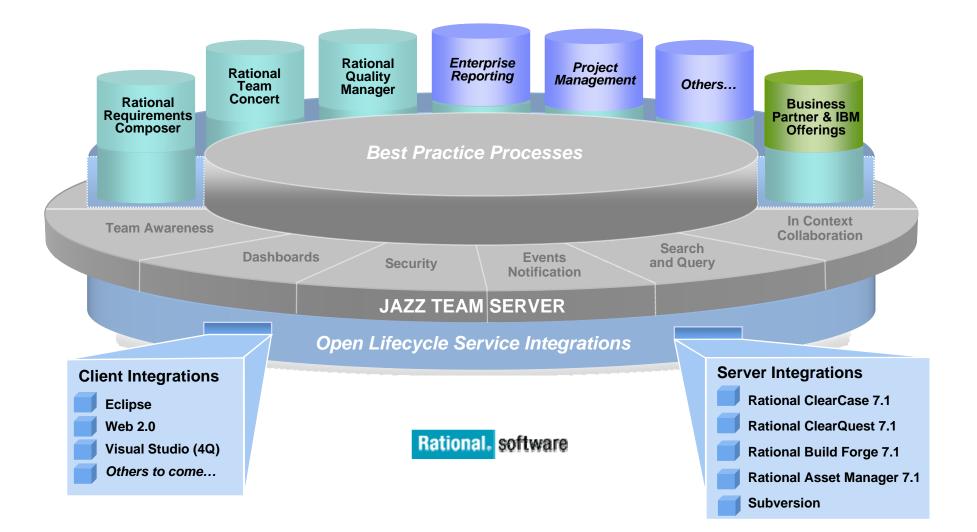
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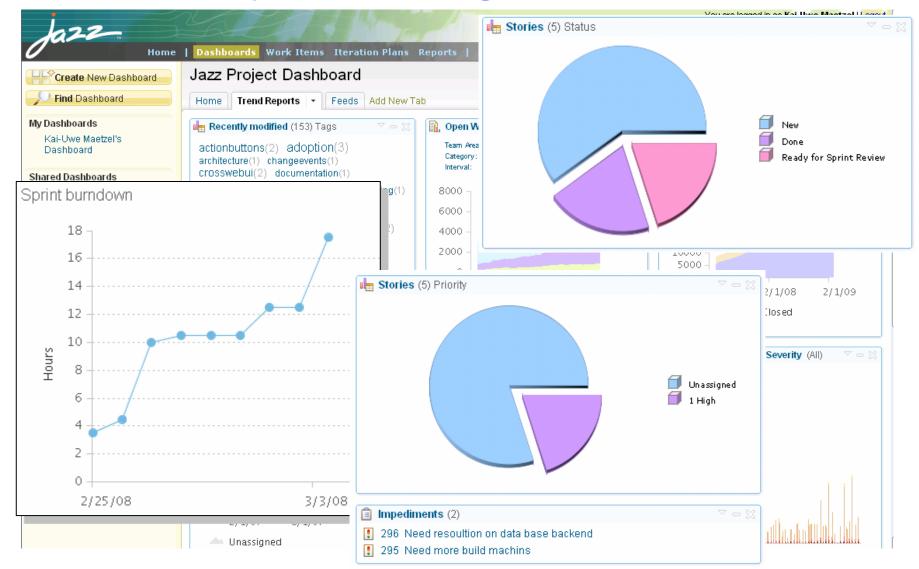
JAZZ and Rational Team Concert





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Continuous Project Monitoring





Using RTC to Plan and Deliver RTC 2.0 - Overview

Release Plan

- Define themes
- Define plan items
- Plan Item Work item type

Tracking a Release

- Effort less status tracking
- Progress

Iteration Planning (Scrum of Scrum)

- Tracking cross team efforts
- Tracking burn down across teams
- Retrospectives
- Tracking Dependencies across teams

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All Project and Team Areas (97 of 125 areas sele			8:1 V->	
Connections				
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🗄 🕞 Plans				
🕀 🙀 Reports				
Gource Control				
🗄 🙀 Work Items				
😑 🔞 Rational Team Concert [jazzdev.torolab	.ibm.com]			
🕀 🛱 Builds				
😑 🕞 Plans				
😟 🕞 2.0 M3 [Main Development]				
😑 🕞 2.0 [Main Development]				
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Build 2.0 Release Plan [2.0]				
ClearCase Connector 2.0 R	elease Plan	[2.0]		
ClearQuest Connector 2.0 F	elease Plan	[2.0]		
Common CM Service [2.0]				
Common SCM Service [2.0]				
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Process 2.0 Release Plan [2	.0]			
🛛 🖓 RCM Record/Workitem Bridg	je [2.0]			
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Release Engineering [2.0]				
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Release Plan Overview

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🤢 Java - Iteration plan 'Rational Team Concert 2.0 Release Plan - 2.0' - Rational Team Concert 👘		_	
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RTC 2.0 Release Plan			- G
See also the <u>Published Release Plan</u> on jazz.net.			2e
Plan is structured as follows:			
 Planned Items: the backlog of plan items sorted by decreasing priority (view as group by folder, user defined sort orde Themes: describes the themes for this release 	er)		
Plan Status Dashboard page			
Plan Item Status overview			
Plan Tracking Items			
RTC 2.0 Plan Status Updating (67653) RTC 2.0 plan approval tracking (62601)			
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Project Release Plan: Team of Team Release Plan

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hboards Project Areas Work Items Plans Builds Reports			Admin Rat	tional Team Concert
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Closed Items: 130 Open Items: 63		Progress: 240.5/764.5 pts		Estimated: 100 %
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🗘 Server performance and scaling data	=2.0 RC4	1/1	🖶 High	625
💭 Provide REST API for work items	== 2.0	0/2	💾 High	625
🖉 RTC client for VS IDE – build, team status view	== 2.0	0/0	💾 High	627
Enable other bundlings of RTC components	== 2.0	1/1	💾 High	625

	Agile Planning Closed Items: 37 Open Items: 2		Progress: 71/	72 pts	E	stimated: 100%
•	Build Closed Items: 11 Open Items: 0		Progress: 19/	'19 pts		Estimated:
0	🎉 User can cancel/abandon builds	🚥 2.0 RC1	1 pts	0/0	🖶 High	81487
0	🔎 User can delete a build result	💷 2.0 RC1	1 pts	0/0	🖶 High	78487
0	🎉 User can view extra info about a build, sufficient to analyze build failures	📼 2.0 RC1	3 pts	0/0	🖶 High	77500
0	🎉 User can browse build results by definition	📼 2.0 M2D1	5 pts	0/0	🖶 High	66960
0	📜 User can view the overall build queue for the project area	💷 2.0 M3	3 pts	0/0	🖶 Medium	76683
0	📁 User can list build engines and their status	💷 2.0 M3	1 pts	0/0	🖶 Medium	67156
0	🔰 User can navigate to the web UI for a particular build result	📼 2.0 M2D1	1 pts	0/0	🖶 Medium	66963
0	📜 User can report a new work item against a build result	== 2.0	2 pts	0/0	🛛 Unassigned	76684
0	🔎 User can request a rebuild	🚥 2.0 M3	1 pts	0/0	Unassigned	67154
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Release Backlog

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Closed items: 9 Open items: 46	Progress: 0/0 h	Estim	ated: 61%
🗘 Project level read access control	0/0 h	🖶 High	62548
Ø Server performance and scaling data	0/0 h	🖶 High	62550 h
🤣 Recipes for high availability servers	0/0 h	🖶 High	<u>65926</u>
🗘 Enable other bundlings of RTC components	0/0 h	🖶 High	62552
🤣 Provide REST API for work items	0/0 h	🖶 High	62523
🗘 Support multi-repository dashboards	0/0 h	🖶 High	62556
💭 Repository consolidation	0/0 h	🕂 High	65597
🤣 RTC client for VS IDE – build, team status view	0/0 h	🖶 High	62730
🤣 Support planning in web UI	0/0 h	🖶 High	62545
🧔 Improve Scrum support	0/0 h	🖶 High	62525
🤣 Provide web UI for builds	0/0 h	🖶 High	62540
🤣 Improve work item customizability	0/0 h	🖶 High	62528
💭 More flexible workspace loads	0/0 h	🖶 High	62534
🤣 SCM logical resource support	0/0 h	🖶 High	62533
💭 Common user identity	0/0 h	🖶 Medium	65927
🕨 🤣 RTC SDK	0/0 h	🖶 High	65924
🗳 SCM: Server operation logging	0/0 h	🖶 High	63105
🤣 ClearCase importer	0/0 h	🖶 High	62537
🔅 Improve management of sync streams	0/0 h	🖶 High	62518
💠 ClearQuest Connector set-up improvements	0/0 h	🖶 Medium	62517 💌
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Backlog with Plan Item Preview

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🗘 Support multi-repository dashboards	62556 Tags:	yan 12 ti		progress on tasks by providing
郑 Repository consolidation	65597			Discussion (10 comments; 10
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👶 Support planning in web UI	62545 Theme	1	Team First 💌	James, can you add the cl your 2.0 plan? Then we ca
🔅 Improve Scrum support	62525 Priority	: 🗖	High 🗸	work item as committed.
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💠 SCM logical resource support	62533 <u>Owner</u>	<u>By</u> :	Erich Gamma 🛛 🗸	
👶 Common user identity	65927 Planne	d For:	2.0	 3. Julian Jones, Jan 27, 200 Any plans to support "plan
👶 RTC SDK	65924			the context of improved S
💠 SCM: Server operation logging	10100	Informatio bscribers (1)	on 7): AM, BB, BC, CP, DB, GC, GS	⊖ 4. <u>Dirk Baeumer</u> , Jan 27, 20 No, there are no plans to
💠 ClearCase importer			63593, 64125, 64126 , 64243	planning poker for 2.0.
Improve management of sync streams	02310	ocks (1): 661	117	© 5. <u>Julian Jones</u> , Jan 27, 201
💠 ClearQuest Connector set-up improvements	62517 💌 📩	lated (0)		thanks for the update.
	> <			
scrum				🖉 🗆 • 🛛
view Planned Items Charts Themes				

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Plan Item

- Custom Attributes
 - Complexity
 - Development status:
 - on track
 - at risk
 - behind
 - Done criteria

Workflow

- Proposed
- Committed
- Done

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immary: Imp	rove S	crum support	Closed 🔽 🖾 Implemented
 Details 			▼ Description
Type:	ø	Plan Item 💌	Improve Scrum support. We should improve Scrum-style backlog planning where items planned for a release are arranged in priority order, can be
Progress:		Progress: 3/3 h Estimated: 100%	grouped by iterations, and be assigned to sprints/iterations. We should improve tracking of progress on tasks by providing a task board presentation of th work items planned in progress for an iteration. We should also add a release burndown chart. [Theme: Team First]
leam Area:		RTC Development / Rart 🖓	▼ Discussion (14 comments) Add Com
Filed Against:		PMC 🔽 🏹	Any plans to support "planning poker" in the context of improved Scrum support?
lags:			⊖ 4. Dirk Baeumer, Jan 27, 2009, 11:26 PM
ev Status:		On Track 🗸	No, there are no plans to support planning poker for 2.0.
Theme:		Team First 💌	⊖ 5. Julian Jones, Jan 27, 2009, 11:30 PM
			thanks for the update.
riority:		High 💌	⊖ 6. <u>Artem Marchenko</u> , Feb 2, 2009, 10:20 AM Is it possible to make sure #51074 and #55875 are included?
CP Boca:		Base Content 👻	
rossteam:			Real product backlog with history of estimates and real release burndown (based on this history) are important for Scrum users.
omplexity:	()	Significant 🗸 🗸	7. <u>Artem Marchenko</u> , Feb 2, 2009, 10:20 AM work item <u>51074</u> and work item <u>55875</u>
wned By:		Erich Gamma 💌	
anned For:		2.0 RC1	A real flat backlog will come for 2.0. What will not come is plan baselining so that you can see how estimates have changed for a whole plan during on iteration. But you can always see the history of a single item in the work item editor.
esolution Date:		May 16, 2009 11:55 AM	
esolved By:		Erich Gamma	⊖ 9. <u>Dirk Baeumer</u> , Feb 18, 2009, 12:39 PM R
uick Informa			⊖ 10. <u>Dirk Baeumer</u> , Feb 18, 2009, 12:40 PM
		AM, BB, BG, BC, CP, DB, EG	Assessed Dev. Status: wok is still on track
-		93, 64125, 64126, 64243	I1. James Moody, Apr 24, 2009, 7:49 PM M3 status update from the Reports team: In M3, we added a Release Burndown report. We have also added an "estimated" line to the Burndown
Blocks (1): 6			report, renamed Team Velocity to "Estimated vs Actual Work" and renamed "story Points by Iteration" to "Team Velocity" (to be more consistent
Related (1): Mentions (3))	with popular usage of the term "Velocity"). We also added a new report which shows the number of total story points per iteration (planned and achieved) to aid in distribution planning, and made some minor upgrades to other reports.
J Mendons (5)			
			We are also honouring the "Top Level Work Item Types" setting, as well as the "Work Item Complexity" attribute in all of the applicable reports.
			In RC1 I will add an estimated line to the Release Burndown report, and also make sure the iterations are sorted by date instead of alphabetically.
			So our work here is on track and nearly complete.
			➡ 12. Erich Gamma, May 12, 2009, 12:49 PM
			The manufale have for DCC (and that a debine of the Commission burnelistic or burded its much them 20002



IBM Rational	Software	Conference	2009
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Release Plan Status Tracking

- Painless status tracking
- Status updating is tracked in a task with approvals
- Status updated at end of each iteration

va - Rational Team Concert - Rational Team Concert			_
Edit Navigate Search Project Run Window Help			
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67653: RTC 2.0 Plan Status Updating - Rational Team Concert 35			-
Task 67653 -		8	🖥 🔒 🕼 🤣 Savi
nary:* RTC 2.0 Plan Status Updating	8 Reopened	×	1
provals			
Approver	State	Due	New Approval
🖯 👸 M1 Status update	✓ Approved	Jan 22, 2009	
🗄 🖌 M2D1 Status Update	 Approved 	Feb 3, 2009	Edit Approval
B 💆 M2 Status Update ∃ 👔 M3D1	✓ Approved	Mar 12, 2009	Add Approver
a 🖌 M3D1	Pending	Apr 2, 2009	Maa Approver
André Weinand	Approved		Edit State
Carol Yutkowitz	() Pending		
8 Chris Daly	() Pending		Remove
Dejan Glozic	() Pending		Add Comment
Dirk Baeumer	() Pending		
Jean-Michel Lemieux	© Pending		
John Vasta	() Pending		
B Nick Edgar	③ Pending		
Rafik Jaouani	© Pending		
 Kaik Jaoualii. 	© Feriding		
ew Links Approvals History			



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Dashboard with Plan Item Status

Dashboard: RTC Development > .	🖸	
Rational Team Concert		Your Trial License expires in 30 days Erich Gamma Log Out
lome Project Areas Dashboards	Work Items Plans Reports Admin	Rational Team Concer
📪 - Type to search 🛛 🔍	All Dashboards > Rational Team Concert >	📷 😵 🗖 Auto-save
	RTC Development	
Create Dashboard		Tools Defect Trend Commercian Defect Trends by Briefs, Olecard Deily MOD4, MO Tools 4,04
Recently Viewed		Team Defect Trend Comparison Defect Trends by Priority Closed Daily M3D1, M3 Tests 1.0.1
🙀 RTC Development	2.0 DCP Burndown M3D1 Add New Tab	Add V
🗄 Erich Gamma's	💷 Plan Related Links 💎 – 🖉 🖾	Open 2.0 Plan Items (40) Dev Status
Dashboard	Detailed Release Plan	
My Dashboards	Plan Item Status Description	
🔡 Erich Gamma's	Published Release Plan	On Track
Dashboard	Status Tracking Item	
Shared Dashboards		
🐣 My Profile	📋 Plan Items at Risk (2)	
🝷 🚋 Rational Team Concert	Ø ⇒ 62533: SCM logical resource support	
🙀 Jazz 1.0.1.X	Ø ⇒ 65932: FDCC compliance	Behind
Maintenance	📋 Plan Items Blocked (0)	
▼ RTC Development		
🙀 Work Item	No work items found.	
🔠 All Dashboards	📋 Plan Items Behind (5) 💎 🗆 🖾	Not Started
	< Ø ⇒ 62517: ClearQuest Connector set-up improvements	
	Ø ⇒ 62540: Provide web UI for builds	
	Ø ⇒ 62537: ClearCase importer	
	🗳 🤿 65925: Support 64-bit server environments	At Risk
	$\phi \Rightarrow 62541$: Work items improve parity between eclipse and web UI	
	📋 Plan Items on Track (29)	0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30 32
	Ø ⇒ 69063: Move the bundled Eclipse from 3.3 to 3.4	
	Ø ⇒ 73767: ClearQuest Bridge	Plan Items not Started (2)
	Ø ➡ 65933: VMware support	Ø ⇒ 65926: Recipes for high availability servers
	 	🗘 🔿 63105: SCM: Server operation logging
	Ø ■ 6057 Obtain quality certification Ø ■ 62543: Web UI for process permission editing	
	Q ⇒ 65934: Accessibility	Deferred items are Plan Items from the backlog that are not in scope for RTC 2.0.
	Ø ⇒ 62531: SCM file locking	
	Ø ⇒ 62546: Complex text enablement	📋 Plan Items Deferred (19)
	Ø ⇒ 71891: Support enterprise license	💭 🛞 62516: Project restructuring on the same and across servers
	Ø ⇒ 65922: Reporting across relationships	💭 🔂 71890: Pre-sales sizing assessment tool
	 Implementation of the second strategy of the second st	💭 😚 65928: Improve remote/WAN performance
		🖉 🛞 62551: Support UI scalability in the face of many projects
	Ø ⇒ 62538: Provide ClearQuest Importer	
	 	☆ 중 82551: Support UI scalability in the face of many projects ☆ 중 62539: Support ClearQuest Multisite configurations ☆ 중 62527: Improve approval for change sets
	 	



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Project Management Iteration Plan

 Defines mandates from the project management team

Themes

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 Buddy Review Tracking

🔀 🗊 PMC [2.0 M3] - Plan 'PMC - 2.0 M3' 🔭	
R PMC -	<u>ର</u> 🖻 🖻 66° 4] 🗗 😭 🖌 🔗 Save
Team Area: RTC Development Iteration: 2.0 M3 (3/30/09 - 4/24/09) <u>15 Closed</u> <u>3 Open</u>	No Work Estimated
PMC Plan M3D1	
 The Planned Items tab - shows the work items corresponding to the plan view in Group by Team Folders The Component Summary tab provides an overview of the committed deliverables for this iteration. 	
Timelines	
RTC <u>Timeline</u> JF <u>Timeline</u>	
2.0 PMC Mandates Roadmap	
The road map is described <u>here</u>	
Themes	
New adoptions Adopt CSS optimization / modularity system (71903) Process migration helpers are now keyed to component models (72926) User setting user interface in Web/UI. The UI will come in FM_RCO and the change needs adoptions from com (75402)	
 Ensure that all started adoptions are in a done/done/done state meaning they are implemented, tested and deployed. Read Permission Adoption (69524) Enable project areas with no teams (65343) Team areas can exist outside a development line (65330) Enable showing artifacts (builds, plans, streams, etc) in the project area editor (72920) Implement Eclipse 3.3 -> 3.4 (72921) Implement and Test RTC without Build, SCM (64810) 	
Performance O Performance work based on the large-scale perfomance testing O Performance pass to ascertain impact of major changes such as read permissions Complex text and accessibility enablement	
 Complex text enablement: Change sets from Tod need to be reviewed and delivered by the teams Accessibility enablement: Change sets from Tod need to be reviewed and delivered by the teams 	
 C/ALM O A list of wishes from C/ALM against RTC can be found <u>here</u>. C/ALM is a joined effort from Jazz Foundation, RC requests from C/ALM. 	QM, RRC and RTC, RTC. We should address important
PMC Work	
Define SDK Contents (66475)	
Buddy Review Tracking	
M3 PMC Buddy Plan Review (75788)	
Overview Planned Items Charts Component Summaries	



Adoption Items on the Dashboard

Dashboard: RTC Development - I.			
Rational Team Concert			Your Trial License expires in 30 days Erich Gamma Log Out 🤅
lome Project Areas Dashboards	Work Items Plans Reports Admin		Rational Team Concert
🎭 - Type to search 🔍	All Dashboards > Rational Team Concert >		📰 🖓 💭 Auto-save 🛛 Sav
Create Dashboard	RTC Development		
Recently Viewed	General • 2.0 Plan Open Defects by Themes Builds Open Defects by Themes 2.0 DCP Burndown M3D1 Add New Tab	Defects by Team SVT Defects by Team Defect Trend Comparison D	efect Trends by Priority Closed Daily M3D1, M3 Tests 1.0.1 Add View
Erich Gamma's Dashboard	2.0 Deleges Discoursibilit	🗤 Open Globalization (Must Fix) (6) Filed Against 🛛 🖓 🕾	📋 Approved Team Adoptions (7)
My Dashboards	2.0 Release Plan available	Agile Planning	 € 69524: Read Permission Adoption ₹ 71903: Adopt CSS optimization / modularity system € 68988: Removal of "Repository Client" component from foundation
Shared Dashboards	Description RTC Development ∀ ⇔ ⋈ Umbrella area for all RTC development work	Process	2220: Enable showing artifacts (builds, plans, streams, etc) in the project area editor
My Profile My Profile Rational Team Concert At Jazz 1.0.1.X Maintenance Mintenance At C Development At Dashboards	Development work is done in a separate development line named 'development'. This team area is the parent of all team areas dedicated to the RTC development work. The development work is structured	Visual Studio Client	65343: Enable project areas with no teams 65330: Team areas can exist outside a development line 66185: IFilesystemRestClient API changes for 2.0
	around releases. Each component team that actively contributes to the development work is represented with its own child team area.	Work Items Work Items/Eclips	 Proposed Team Adoptions (1) Comparison T2926: Process migration helpers are now keyed to componer models
	The RTC PMC oversees the development work. Team members listed in this team area are working across all component boundaries.	0 1 Image: Accessibility Change Sets Requiring (11) Filed Against ♡ - ∞	🖹 Cross Team Expectations (2)
	Image: Constraint of the second se	Work HemsWeb UI	 61490: Daemon APIs to get/set Jazz Source Control preference 63022: Need to identify work items that are resolved invalid and duplicate
	Work Item Queries ♥ □ ∠ ∅ Retrospectives (115) QCert: Open Blocking, Critical Defects (SVT, FVT, Development) (10)	Agile Planning/	Image: StrinkSafe forward reference problem Image: StrinkSafe forward reference problem <
	Image: Open Blocker and Critical Defects (31) Filed Against Image: Open Blocker and Critical Defects (31) Filed Against Work Items Image: Open Blocker and Critical Defects (31) Filed Against	Build	 ☐ 0 69890: Support sorting by state extension values on a named key ☐ 0 70562: Add support for streaming input args for large in lists
	Source Control Agile Planning JRS Release Enginee	Agile Planning/W 0 1 2 3 4 5 6	 71439: Guard against custom serializers in ItemRenderServic if a specific format is expected 70615: Need mechanism to find items where links do not exis
	Visual Studio Client ClearCase Conne Build ClearQuest Bridge	■ Bi-di Change Sets Requiring Approval (1) Filed Against ····································	

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More support for Agile at Scale

RTC Build

- personal builds
- build snapshots
- Buildforge Integration

Jazz SCM

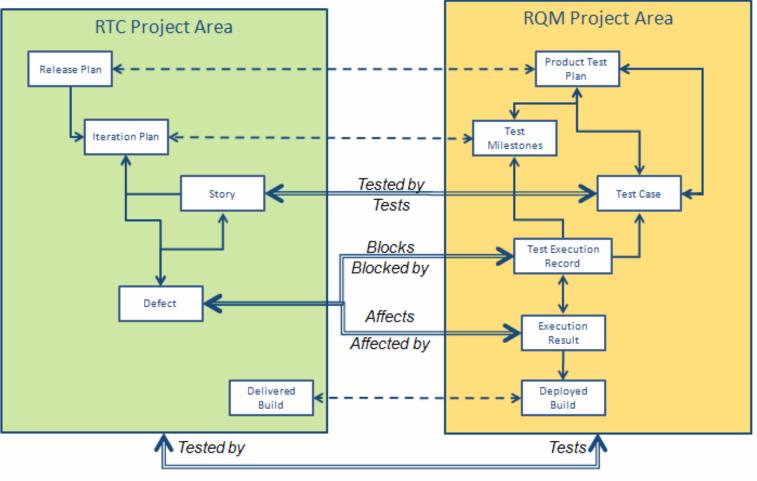
- isolation/integration using stream flow hierarchies => show our flow structure
- private versions for code exploration
- suspend resume for task isolation

Dashboards

for transparency



Agile Planning & Collaborative ALM



---- Logical equivalent, not a literal relationship



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Summary

- RTC 2.0 covers the planning onion
- Much improved scrum and scrum of scrum support
- Planning for everybody in eclipse and web



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Agile at Scale: Agile Planning



Recommended Resources

- www.ibm.com/rational/agile/
- www.ibm.com/developerworks/
- www.ibm.com/software/info/developer/solutions/gdd/
- www.ibm.com/developerworks/blogs/page/ambler

References

- Mike Cohn, Agile Estimating and Planning
- Webcast: Using Rational Team Concert in a Globally Distributed Team
 - https://jazz.net/blog/index.php/2009/01/06/webcast-using-rational-team-concert-in-aglobally-distribute-team/