



IBM Software Group

# Rational 動能開發－新世代爵士協同開發平台

*IBM Rational Team Concert*

Rational. software

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IBM SWG Rational

# Agenda

- Typical Software Development Process
- What the challenge of software development today?
- What is Jazz and Rational Team Concert?
- How Jazz is different?
- Have a Quick Look on Jazz
- Demo & Learn
- Q&A

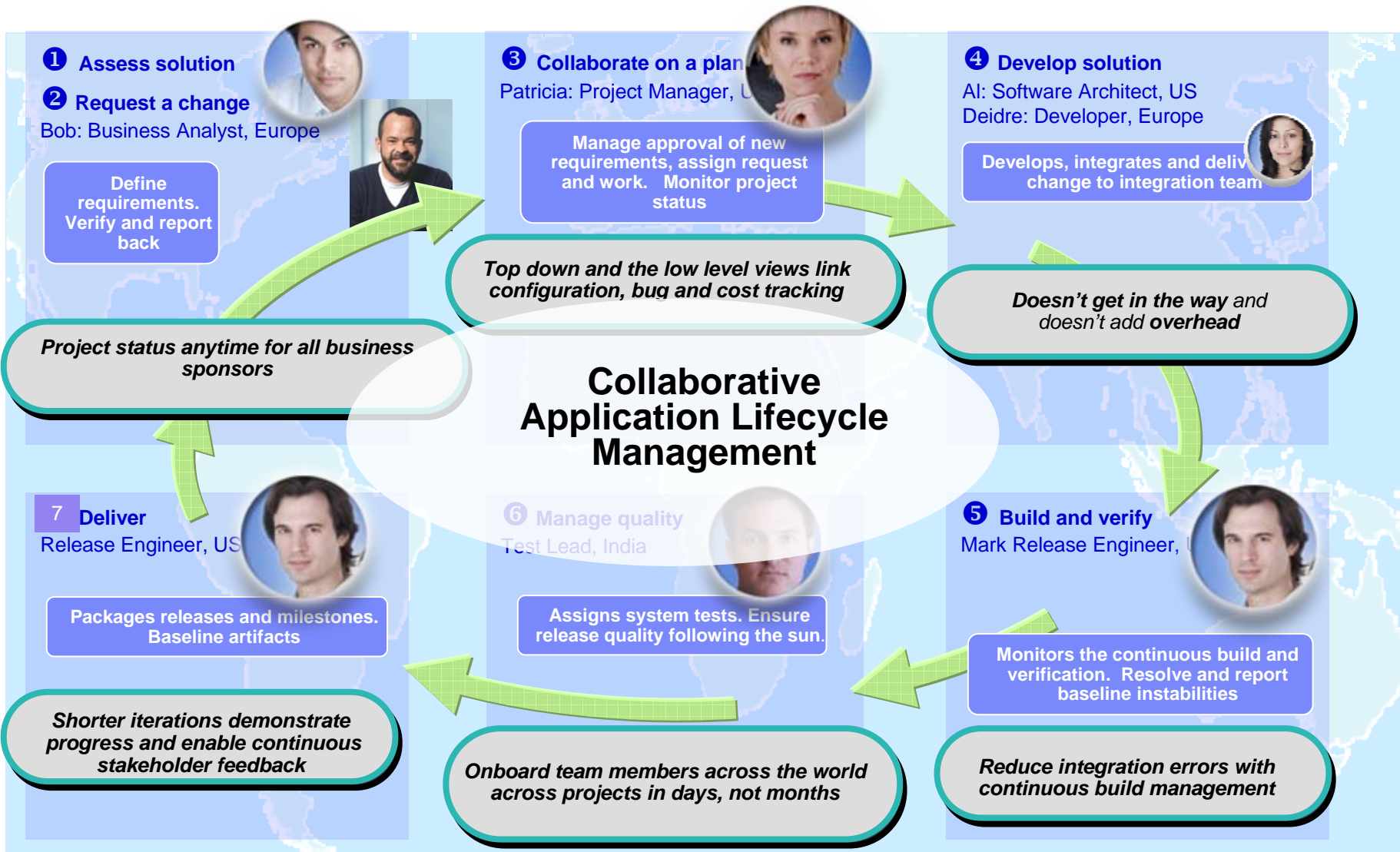


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- **Typical Software Development Process**
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# A Typical Development Process



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# Today's reality: An intense focus on **business outcomes**



Align *IT* investments with rapidly evolving business priorities



Manage value and mitigate risks by improving project management



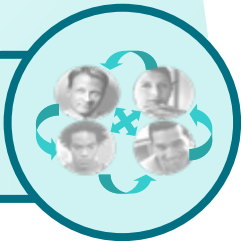
Control costs & improve global operational efficiencies



Ensure security and compliance in a changing global environment



***Integrate value in organizationally diverse environments***



# The defining challenge in collaborative software delivery

*Failure to communicate and collaborate across silos*

**Only 37% of stakeholders are satisfied with the **speed** of internal application development...**

**Only 42% are satisfied with the **quality**.**

**50% of outsourced projects are expected to underperform.**

**Silos of people, process, and projects inhibit collaboration**

### Geographic Barriers

- Poor communication
- Language, culture and time differences
- Lengthy project and team member on-boarding
- High degree of friction across teams

### Organizational Barriers

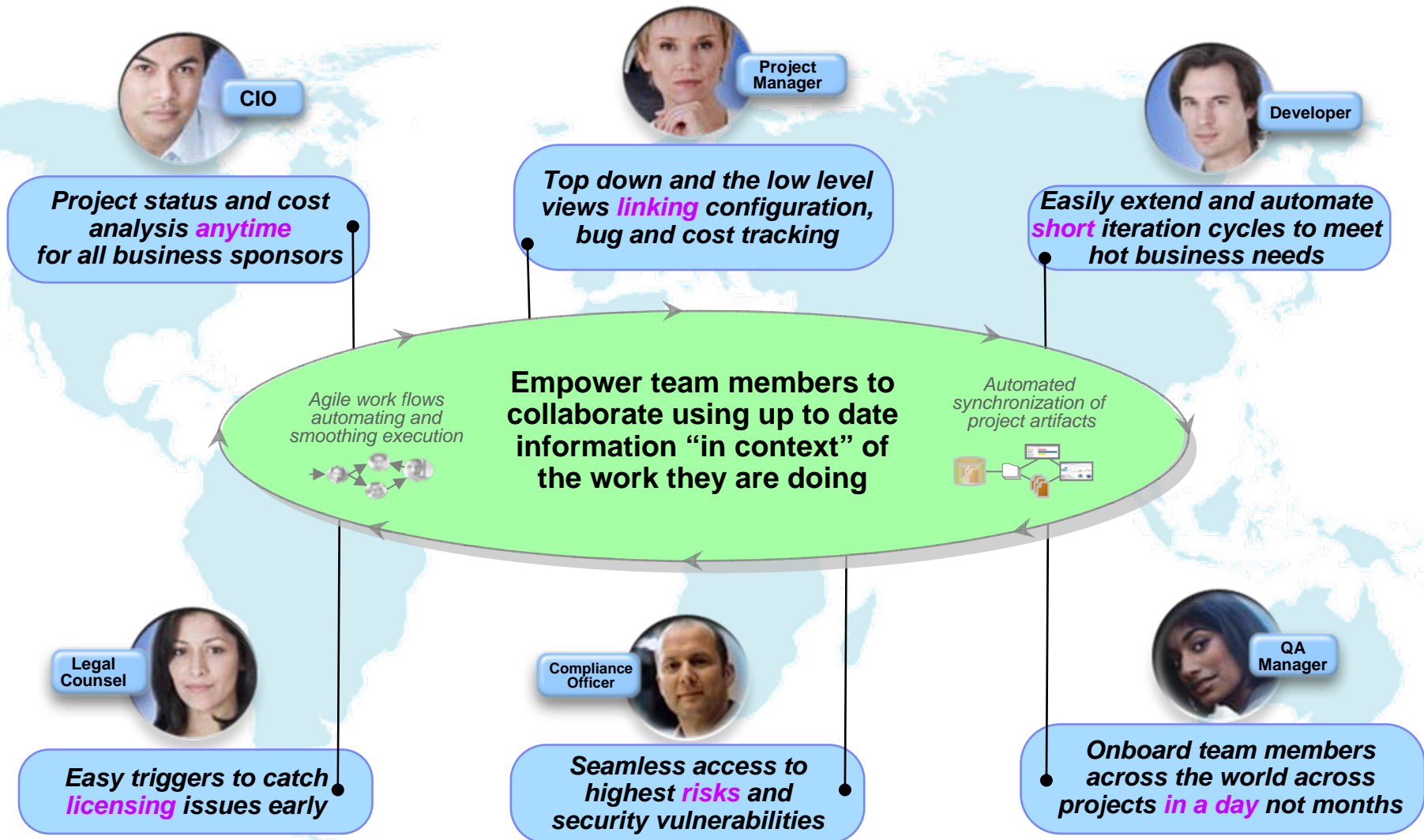
- Lack of meaningful stakeholder input
- Process gaps resulting in errors and rework
- Poor LOB oversight
- Weak project governance

### Infrastructure Barriers

- Incompatible tools and repositories
- Unreliable access to common artifacts
- Brittle and inflexible tooling integrations



# Customer Speak: What they would like to see possible





# Paradigm shift: What would collaborative ALM look like?

- Desktop/database integration → **Global integration**
- Function first → **Team first**
- Manual → **Process aware and transparent**
- Pre-determined tool function → **Dynamically extensible**
- Proprietary infrastructure → **Internet standards**
- Lengthy team and project onboarding → **Day one productivity**
- Rigid process → **Creative collaboration**
- Project post-mortems → **Continuous steering**
- Best guesstimates → **Real-time insight**

*"We can't solve problems by using the same kind of thinking we used when we created them."*  
- Albert Einstein



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# The Jazz project

*People working together to deliver great software*

Jazz is a project and platform for *transforming how people work together* to deliver greater value and performance from their software investments.



*jazz*

- A major investment by IBM to create a **scalable, extensible team collaboration platform**.
- IBM's vision of the **future of software delivery**—globally distributed, fluid and dynamic.
- An **evolution of the Rational portfolio**, which will evolve to support Jazz technology over time.
- **A community at Jazz.net**—where you can see Jazz-based products being built.

# It's Free for Academic Users !!

The screenshot shows a Windows Internet Explorer browser window displaying the Jazz Community Site. The address bar shows the URL <https://jazz.net/community/research/projects.jsp>. The page title is "Jazz Community Site - Related research projects". The user is logged in as "Joseph Chang".

The main content area is titled "Related Research Projects" and features a sidebar on the left with navigation links: Team Blog, Forums, Events, What's New, In The News, Open Services for Lifecycle Collaboration, Business Partners, Related Research Projects (highlighted), In the Classroom, and Alerts.

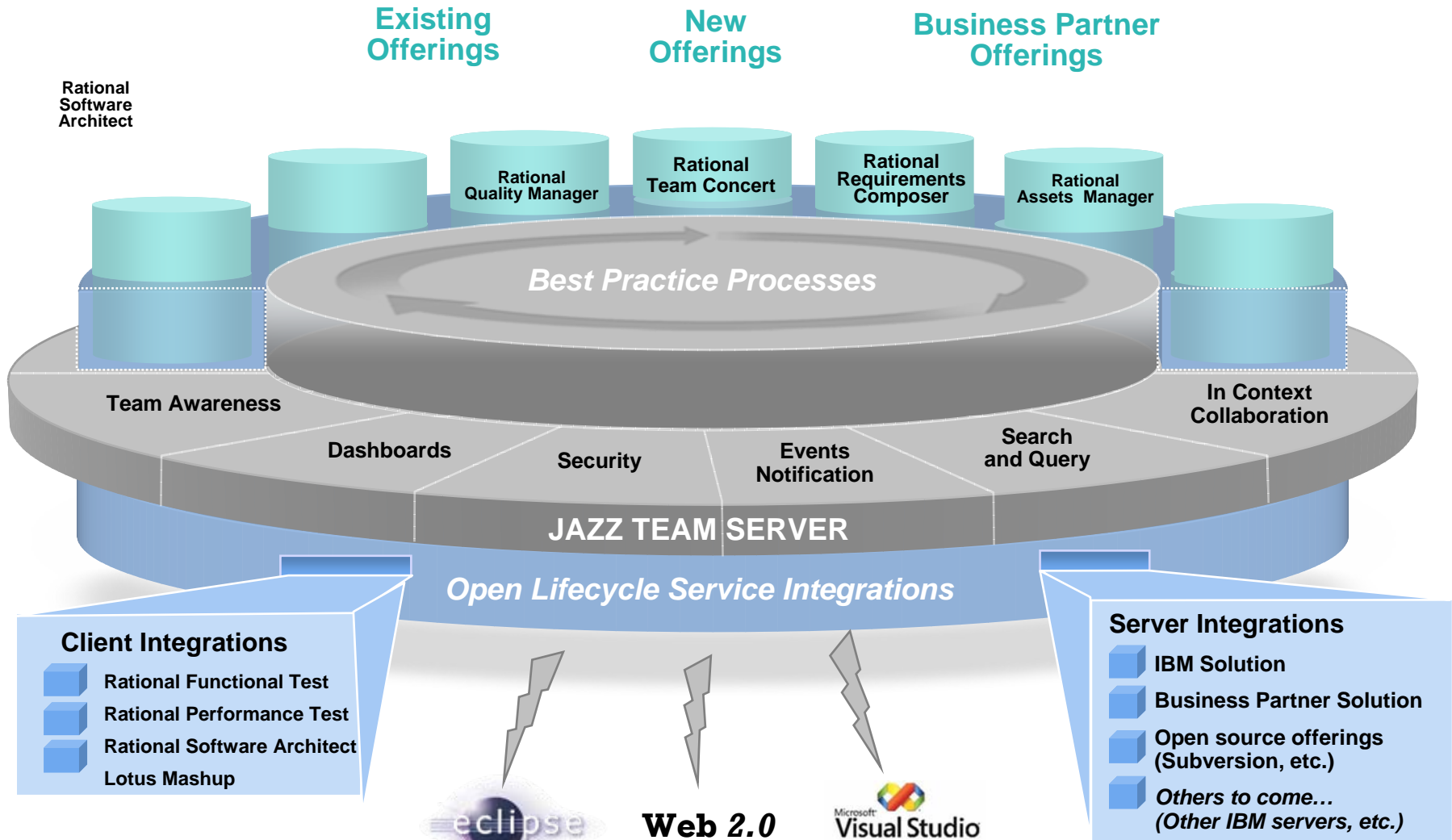
The main content includes the following sections:

- AP Jazz - University of Calgary**  
**Integrating synchronous distributed project planning with executable acceptance test driven development for agile software teams**  
**Frank Maurer (PI), Shelly Park, Xin Wang**  
 Agile methods are moving into the mainstream of software development at the same time as the software industry sees more and more globally distributed teams. Agile teams follow an iterative, incremental and test-driven development approach. Short iterations make it impractical for distributed agile teams to gather in the same room for project planning meetings. As a result, synchronous planning meetings are being conducted with team members in different locations using telecommunication and sometimes (web-based) agile planning tools for creating a shared workspace displaying plan information. The goal the this Jazz-supported project is twofold:
  - to link our synchronous AgilePlanner tool with the Jazz Teamserver and
  - to integrate acceptance test driven development with agile project management to support feature-oriented progress tracking
 More >>
- Bluegrass - A Virtual World for Collaborative Software Development in Jazz - IBM Research, Cambridge**  
**Li-Te Cheng, John Patterson and Steve Rohall, Collaborative User Experience Group**  
 Bluegrass is a Jazz plugin that provides a virtual world where developers can meet online, discuss their work, collaboratively create designs for their projects. Elements of the world include visualizations, meeting rooms, and persisted virtual design documents linked to Jazz artifacts.

A callout box on the right side of the page is titled "Rational Team Concert 1.0" and contains the text: "Rational Team Concert 1.0 will be available free of charge to academic institutions for use in accredited course programs or academic research projects. [Read the press release](#) and watch Jazz.net for more information."

The browser's status bar at the bottom shows "完成" (Done), "Internet", and "100%" zoom level.

# Jazz platform architecture



# Introducing IBM Rational Team Concert

## *Software innovation through collaboration*

- Think and work in unison across functional and organizational silos
  - ▶ Integrated source control, work item, and build management built on the Jazz team server
- Streamline everyday activities
  - ▶ Dynamic processes automate hand-offs
  - ▶ Leverage out-of-the-box or custom processes
- Simplify governance
  - ▶ Automated data gathering
  - ▶ Transparency of teams and processes
  - ▶ Real-time project health information
- Unify teams that use a variety of clients
  - ▶ Leverage Web, Eclipse or any Eclipse-based product
  - ▶ Extend the value of ClearQuest & ClearCase in enterprise deployments

*Open and extensible on*



- ✓ Collaborate in context
- ✓ Right-size governance
- ✓ Day one productivity

### IBM Rational Team Concert





transparent *integrated presence*  
 wikis OPEN real-time reporting  
 chat automated hand-offs Web 2.0  
*custom dashboards* automated data gathering  
**EXTENSIBILITY** *Eclipse plug-ins* services  
 architecture **FREEDOM TO CREATE**

JAZZ TEAM SERVER



# Rational Team Concert: A Deeper Look

## SCM

- Flow Browser Shows Developer to Team Flow
- Integrated Stream Management
- Component Level Baselines
- Server-based Sandboxes
- Identifies Component in Streams and Available Baselines
- ClearCase Connector

## Work Items

- Defects, Enhancements and Conversations
- Query Results View and Share Queries with team or member
- Support for Approvals and Discussions
- ClearQuest Connector
- Query Editor Interface

## 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

- Integrated Iteration Planning and Execution
- Real-time Project Status Window
- 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
- Customizable Project Dashboard
- Real-time Reporting and Queries

Jazz Team Server

Rational Team Concert



# RTC Value to the Business

**Transparency and control via customizable dashboards**

The screenshot displays the 'Development' dashboard in RTC. At the top, there are navigation tabs: 'General', 'Builds', 'Open Defects by Themes', 'Open Defects by Team', 'SVT Defects by Team', 'Defect Trends by Team', and 'Deferred Items by Team'. The main content area includes:

- Endgame Has Started:** A warning icon and text stating 'Detailed Plan available here: End Game Plan'.
- Jazz Development Description:** A text box explaining the development process: 'Umbrella area for all Jazz development work. Development work is done in a separate development line named "development". This team area is the parent of all team areas dedicated to the Jazz development work. The development work is structured around releases. Each release is performed in its own project phase. Each component team that actively contributes to the development work is represented with its own child team area. The team manager oversees the development work. Team members listed in this team are working across all component boundaries.'
- Risks (10):** A list of risks with IDs and descriptions:
  - 48863 [Risk] Migrating/importing SVN repositories
  - 48865 [Risk] Migrating from an existing bug tracking system
  - 48868 [Risk] CC Connector
  - 48862 [Risk] We need to build what we ship
  - 48871 [Risk] CQ Connector Set-up
  - 48875 [Risk] Scale to 250 users
  - 48870 [Risk] Oracle Support
  - 48876 [Risk] Scale towards large repositories
  - 48874 [Risk] Derby Support
  - 48872 [Risk] Active Directory
- RFS (28):** A list of Release Function Specifications (RFS) with IDs and descriptions, such as '9619 [RFS] Monitoring a continuous build' and '9629 [RFS] Create iteration plan, assign work items'.
- Track Build Items (1):** A section for tracking build items, showing '41 RC1 status'.
- Current Development Plans (33):** A list of development plans with progress bars:
  - Current Iteration: 0.6 RC1
  - APT
  - CC Connector RC1
  - CQ Connector
  - Component Development
  - Foundation & Work Items
  - Install
  - PMC
  - Process
  - Release Engineering
  - Repository
  - SCM
  - UI Design
  - User Assistance
  - Web Dashboards
  - Web UI
- Jazz Development Event Log (2 new):** A log of events, including 'Test scenario: Process author creates/refines a Process Template (51513) Now' and 'Test scenario: Customer hears about Jazz and installs it (51492) 15 minutes ago'.

**Clearly understand Team Goals**

**Risks, Issues, Challenges surfaced at both the Team and Project Level**

**Real time Status**





# RTC Value to the Business

The screenshot displays the RTC dashboard with several key sections:

- Defect Trends by Team:** Three line charts showing work item counts over time for different teams.
  - Work Item Comparison:** Team: /Jazz Development/Agile Planning, /Jazz Development/Process, /Jazz Development/Repository, /Jazz Development/Source Control, /Jazz Development/Work Item. Interval: 0.6 RC1.
  - Work Item Comparison (Cont'd):** Team: /Jazz Development/Build, /Jazz Development/Dashboard, /Jazz Development/Install, /Jazz Development/Reports, /Jazz Development/X-Team. Area: Web UI. Interval: 0.6 RC1.
  - Work Item Comparison (Cont'd):** Team: /Jazz Development/ClearCase Connector, /Jazz Development/ClearQuest Connector, /Jazz Development/User Assistance. Interval: 0.6 RC1.
- Work Item:** Team Area: /Jazz Development/Work Item. Category: All. Interval: 0.6 RC1, 0.6 RC2, 0.6 RC3.
- Process:** Team Area: /Jazz Development/Build. Category: All. Interval: 0.6 RC1, 0.6 RC2, 0.6 RC3.
- Build:** Team Area: /Jazz Development/Build. Category: All. Interval: 0.6 RC1, 0.6 RC2, 0.6 RC3.
- Work Item Members (16):** A list of team members with their roles.
 

André Weinand	componentlead, contributor, integrationstreamadmin, integrationbuildmeister
Benjamin Pasero	contributor
Christof Marti	contributor, integrationbuildmeister
Dirk Baeumer	parttime, contributor, integrationstreamadmin, integrationbuildmeister
Erich Gamma	contributor, newcomer, integrationstreamadmin, integrationbuildmeister, dashboardadmin, projectadmin, PMC
Frank Lyner	contributor
Johannes Rieken	parttime, contributor, integrationbuildmeister
Larry Smith	contributor, integrationbuildmeister
Marcel Bühr	contributor
Mark Buquor	newcomer, parttime
- Current Work Item Plans (2):** Shows progress bars for 'Foundation & Work Items'.
- Work Item Event Log (15 new):** A list of recent events such as 'WebUI - Hide comment is confusing - lost work (51725) 10 minutes ago'.
- Work Item Builds:** Shows a successful build: 'Succeeded: continuous.workitem.jazz C20080424-0748 10 minutes ago'.

**Trending by Project or by Individual Team**

**Current Milestone status**

**Team Member Details**

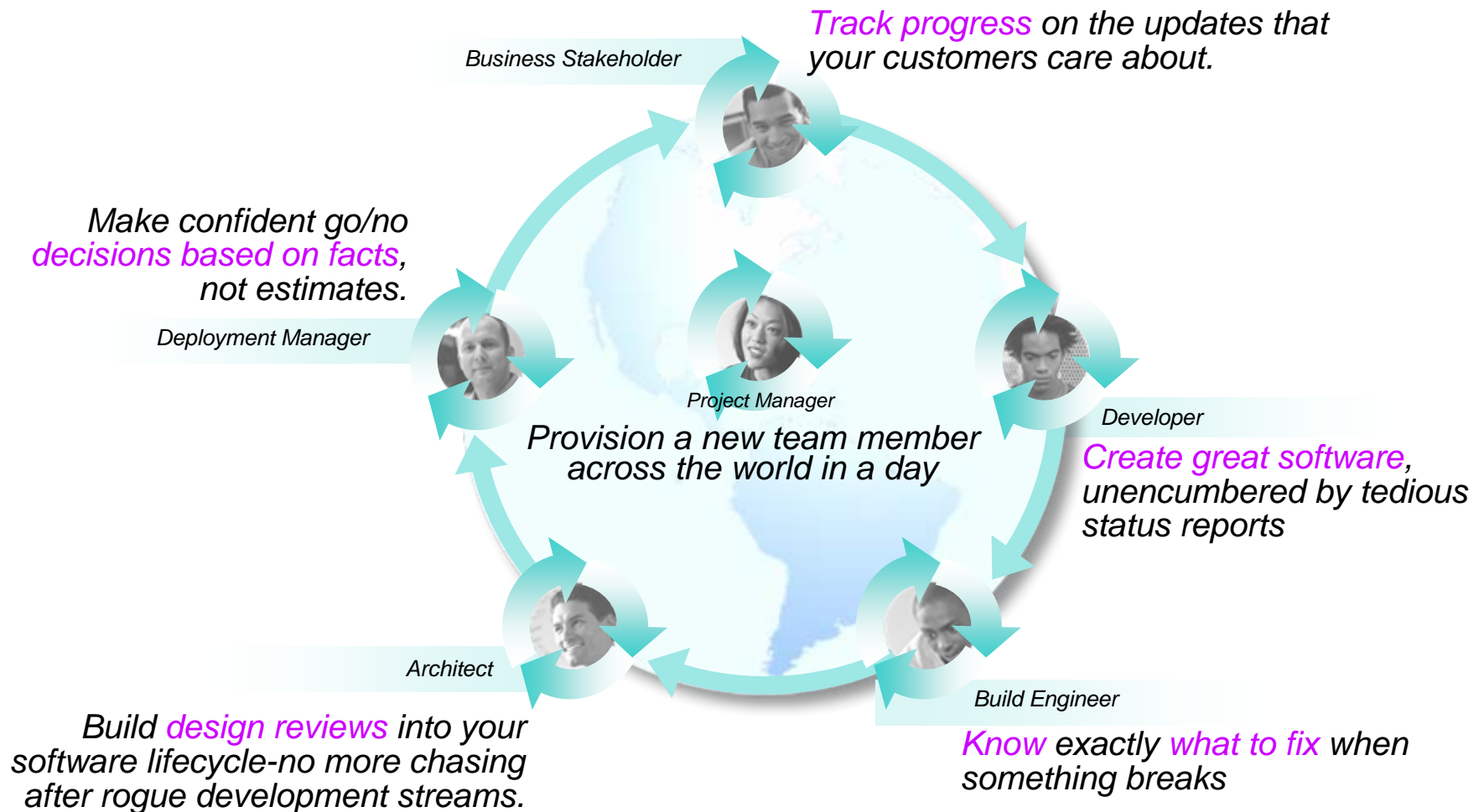
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# Delivering global team collaboration and visibility

*Allows individuals to focus on what they do best*



# Delivering customer value with Rational Team Concert



## *The evolution of software delivery*

*Collaborate in context*

- **Fewer meetings** and status reports
- Reduction in late scrap and rework
- Reduced attrition of skills and greater flexibility to leverage top technical and business talent

*Right-size governance*

- **Less overhead** to stay compliant with standards
- Earlier detection and accelerated resolution of defects
- Improved predictability of project outcomes

*Day one productivity*

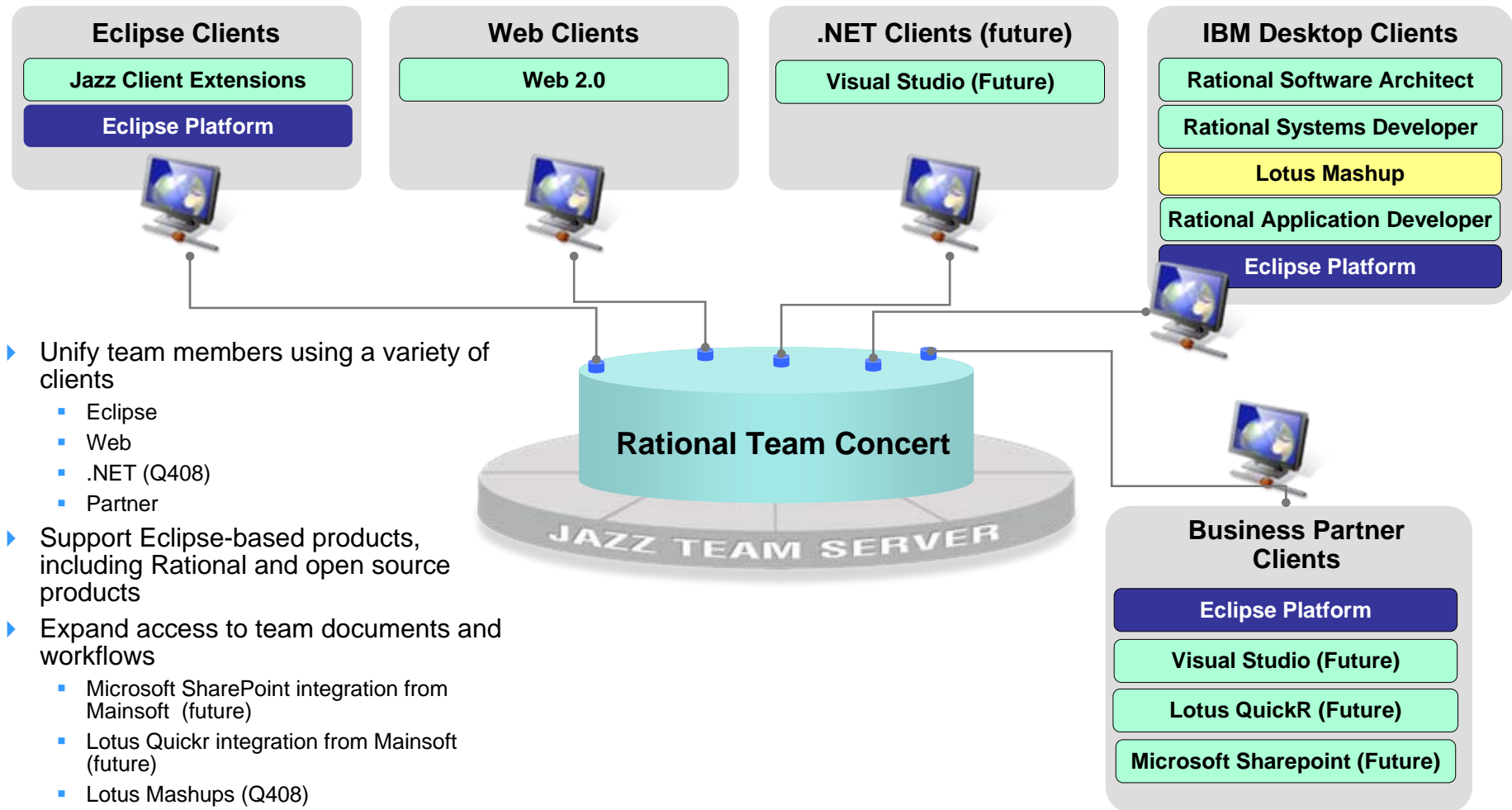
- **Project initiation** in days rather than weeks
- Reduction in time to first demonstrable release
- Improved cycle times through automated and reusable patterns, services and architectures



***Supporting the software economics of an increasingly global, dynamic and web-based technology environment***



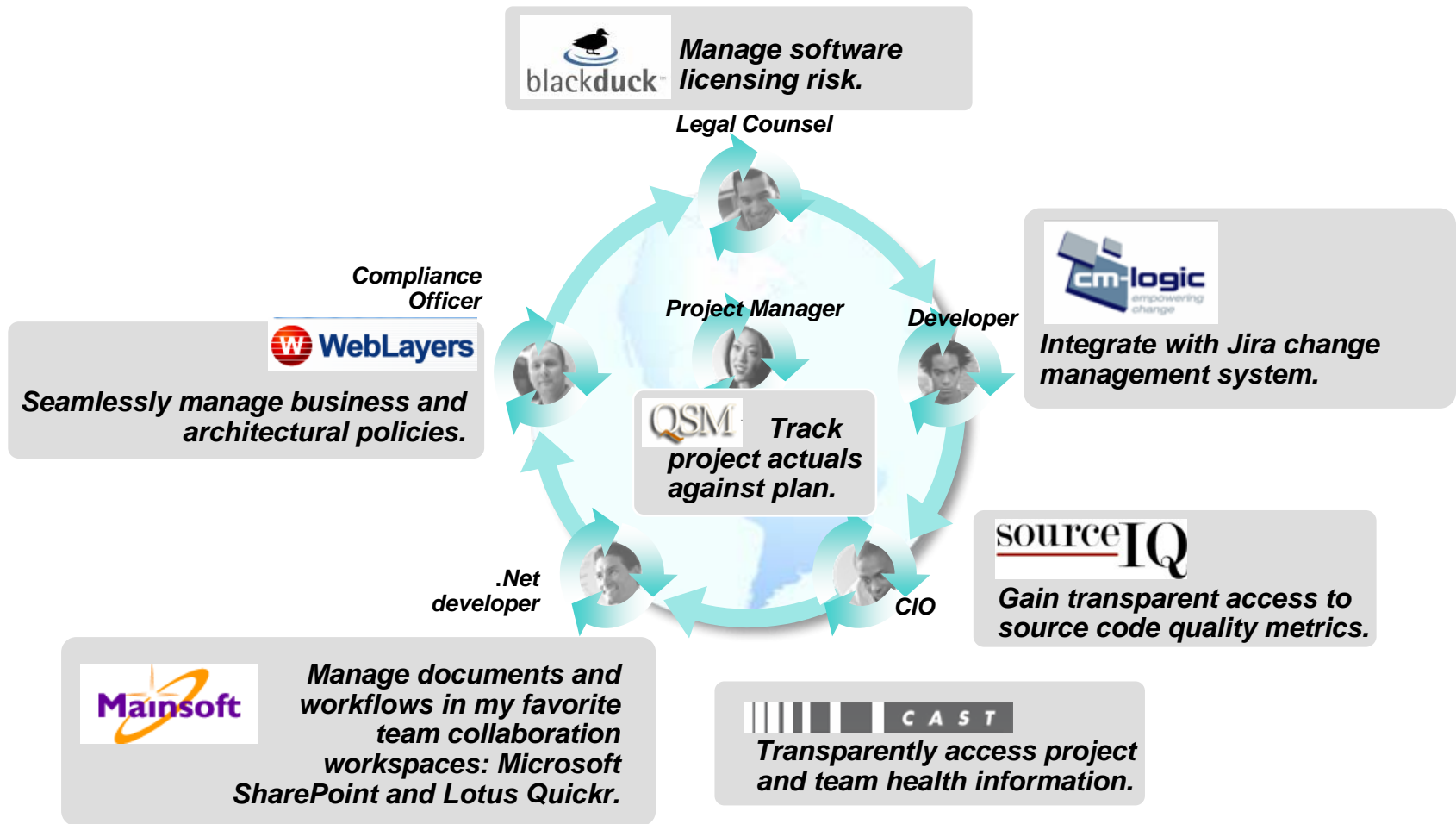
# Extend team collaboration to a broader range of users, from business to software professional



- ▶ Unify team members using a variety of clients
  - Eclipse
  - Web
  - .NET (Q408)
  - Partner
- ▶ Support Eclipse-based products, including Rational and open source products
- ▶ Expand access to team documents and workflows
  - Microsoft SharePoint integration from Mainssoft (future)
  - Lotus Quickr integration from Mainssoft (future)
  - Lotus Mashups (Q408)

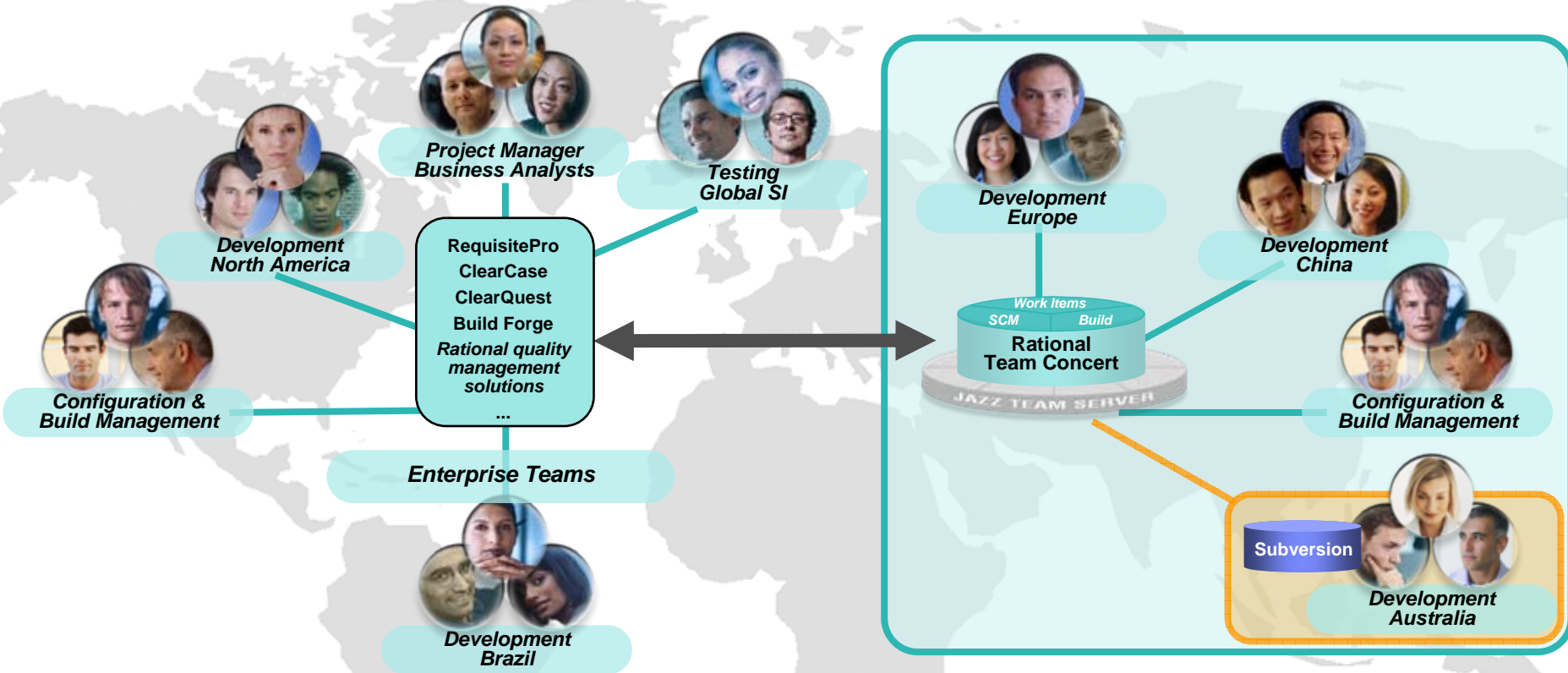


# Expand your solution with Ready for IBM Rational partners



## Extend the value of existing Rational investments

*Supporting geographically and functionally distributed “teams of teams”*



### Collaborative application lifecycle management today

- Seamless interoperation with Rational requirements , quality and change management products
- Support small agile teams within larger enterprise environments
- Interoperate with Subversion assets



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# First Step – Create Your Project Area

The screenshot displays the Rational Team Concert interface for configuring a project area. The main window title is "Resource - Bill Custody and Settlement System - Rational Team Concert". The interface is divided into several sections:

- Project Area:** Shows the project name "Bill Custody and Settlement System" and a "Save" button.
- Details:** Contains a "Summary" field with the text "Bill Custody and Settlement System for Taiwan" and a "Description" field.
- Members:** A table listing administrators. One administrator is listed with the name "ADMIN" and email "ADMIN".
- Process Description:** Provides information about the "OpenUp Process" and includes a link to "http://www.eclipse.org/epf".
- Process Iterations:** A hierarchical tree view showing the project's lifecycle stages:
  - Main Development
    - Inception [2008/5/25 - 2008/6/...]
      - Inception Iteration I1 [2008/...]
        - Inception Work
    - Elaboration
      - Elaboration Iteration E1
        - Development
        - Stabilization
    - Construction
      - Construction Iteration C1
        - Development
        - Stabilization
    - Transition
      - Transition Iteration T1
        - Transition Work

- Attachments:** A section for managing project attachments.

Three pink callout boxes highlight key configuration steps:

- "Define the Project Name" points to the project name field in the Project Area section.
- "Define the Project Members" points to the Administrators table in the Members section.
- "Define the Milestone" points to the "Inception" iteration in the Process Iterations tree.



# Create Team Area

The screenshot shows the 'Jazz Administration - GUI Team - Rational Team Concert' interface. The left sidebar displays a tree view of the project structure: 'Bill Custody and Settlement System [localhost]' containing 'Core Team [Main Development]', 'GUI Team [Main Development]', and 'Report Team [Main Development]'. The main content area is titled 'Team Area' and shows the configuration for the 'GUI Team'. It includes sections for 'Details' (Summary: 'BCSS GUI Team'), 'Members' (with a table for Name and Process Roles), 'Development Line' (set to 'Main Development'), 'Process Customization', 'Process Description', and 'Artifacts' (listing Builds, Feeds, Plans, Work Item Categories, Work Items, Reports, and Streams). Three callout boxes highlight key features: 'Define the Team Member' points to the Members table, 'Define the Team Area' points to the Summary field, and 'Customize Process & Workflow' points to the Process Customization section.

Define the Team Member

Define the Team Area

Customize Process & Workflow

# Rational Team Concert

The screenshot shows the Rational Team Concert interface with several key components highlighted by callouts:

- Project Plan & Management:** Points to the 'Plans' section in the left-hand 'Team Artifacts' tree.
- Source Code Repository & Version Control:** Points to the 'My Team Areas' section in the left-hand tree.
- Team Members:** Points to the list of team members under 'My Team Areas'.
- Source Code:** Points to the central editor window displaying Java code for 'HelloTest.java'.
- Task & Defect:** Points to the 'Task 4' details panel on the right, showing fields like Type, Severity, and Due date.
- Change Activity:** Points to the 'Change Activity' view on the far right, showing outgoing change sets.
- Work Items:** Points to the 'Work Items' table at the bottom of the interface.

**Other Features**

- Build Management
- Issue Chat
- E-mail
- .....

**Work Items Table:**

I	Status	P	S	Summary	Owned by
4	In Progr...			Define categories for work items	Jamie
3	New			Define iterations	Chris
1	New			Define a new build	Jamie

# Jazz Web Client

The screenshot shows the Jazz Web Client interface in a Microsoft Internet Explorer browser window. The browser title is "Jazz - Microsoft Internet Explorer". The address bar shows the URL: [https://jazz.net/jazz/web/projects/Jazz%20Project#action=com.ibm.team.appt.viewPlan&id=\\_jyvSkOeEdu5YKJJ-uZpug&page](https://jazz.net/jazz/web/projects/Jazz%20Project#action=com.ibm.team.appt.viewPlan&id=_jyvSkOeEdu5YKJJ-uZpug&page). The page header includes the Jazz logo and navigation links: Home | Work Items | **Iteration Plans** | Reports | Dashboards. The user is logged in as Joseph Chang. The main content area displays "Current Query: Current Iteration Plans" and "Previous | Plan 8 of 23 | Next". The interface shows a list of iteration plans for different team areas: Unassigned, Dirk Baeumer, Michael Schneider, and Tobias Widmer. Each team area lists open and closed items. A list of work items is shown under Michael Schneider, including titles like "Duplicating an Iteration Plan Editor causes problems (17899)", "Expansion state not preserved after reopening plan (20762)", "Plan progress not updated when unassigning the target of all open workitems via a bulk operation (22591)", and "Need a '"More...&quot; context menu entry, for both, target and categories (31397)".

Callouts highlight the following features:

- Create & Update Work Item**: Points to the top navigation area.
- Reporting Function**: Points to the "Reports" navigation link.
- Iteration Plan**: Points to the "Iteration Plans" navigation link.
- View Work Item By Category**: Points to the "Category" radio button in the filter section.
- Project Status**: Points to the "Project Status" link in the top right.
- View Work Item By owner**: Points to the "Owner" radio button in the filter section.



# Enhancement Request, Defect, Task

The screenshot displays the Rational Team Concert web application in Internet Explorer. The browser title is "Enhancement 57887: Include customizable work items as part of the Express-C and Express RTC off - Windows Internet Explorer". The URL is <https://jazz.net/jazz/web/projects/Jazz%20Project?action=com.ibm.team.workitem.viewWorkItem&id=57887>. The page header shows "Rational Team Concert" and "Your Trial License expires in 113 days | Joseph Chang | Log Out".

The main navigation bar includes "Home", "Project Areas", "Dashboards", "Work Items", "Iteration Plans", and "Reports". The "Work Items" section is active, showing "New unassigned >" and "Previous | 10 in 1 - 50 | Next".

The central content area displays "Enhancement 57887" with a "Summary" field containing the text: "Include customizable work items as part of the Express-C and Express RTC offerings". The status is "New" and "Unresolved".

A pink callout bubble labeled "Detail Information" points to the "Details" tab. The "Details" section contains the following information:

- Type: Enhancement
- Severity: Major
- Found In: 1.0 Beta 3
- Creation Date: Jun 5, 2008 10:38 PM
- Created By: Peter Hendriks
- Project Area: Jazz Project
- Team Area: Jazz Development
- Filed Against: Product
- Tags: license, workitem, customization
- Owned By: Unassigned
- Priority: Unassigned
- Planned For: Unassigned
- Estimate: [ ] Correction: [ ]
- Time Spent: [ ]
- Due Date: [ ]

The "Quick Information" sidebar shows "Subscribers (2): DK, JC".

The "Description" section contains the following text:

My company uses a customized process for software projects in-house and at customer sites that includes custom work item types and workflows. Right now, the customizable work items capability is limited to the Standard RTC version. In our vision, customizable work items is part of being able to configure for a specific process. Since the rest of the process customization features are already available on Express-C and Express, we feel the distinction on this feature off balance and very limiting on being able to leverage the rest of the process customization features.

We would really like the Express-c and Express offering extended to include the customizable work items option. This enables us to fully deploy our process in RTC configurations for small projects and ramp-up scenarios when a customer is not willing to immediately deploy Standard before having some experiences using RTC.

The "Discussion" section shows "2 comments" and an "Add Comment" button.

# Detail Information

- Links
- Approvals
- History

**Track Build Item 57756** Save

Summary: RC5 status In Progress

Overview **Links** Approvals History Loaded: Jun 9, 2008 3:43 PM

Approvals (2) - 1 approved, 1 rejected

New: Approval ▾

Type	Name	State	Due
Approval ▾	Promote I20080606-1417 to RC5	Approved	Jun 6, 2008
	Balaji Krish	Approved	
	Darin Swanson	Approved	
	James Stuckey	Approved	
	Peter Klenk	Approved	
	Add Approvers...		

**Track Build Item 57756** Save

Summary: RC5 status In Progress

Overview **Links** Approvals History Loaded: Jun 9, 2008 3:43 PM

**Attachments**

Add File:  瀏覽...

No Attachments.

**Links**

Add: Related ▾

Reported against builds

- [weekly.integration.jazz.I20080603-1418](#)

Mentions

- [weekly.integration.jazz.I20080606-1417](#)
- [weekly.integration.jazz.I20080605-1400](#)
- [weekly.integration.jazz.I20080604-1401](#)

**Subscribers** Add...

- André Weinand
- Balaji Krish
- Bill Higgins
- Christof Marti
- Curtis d'Entremont
- Darin Swanson
- Dejan Glotic
- Dirk Baeumer
- Erich Gamma
- Geoffrey Clemm
- Hari Vetsa

**Track Build Item 57756** Save

Summary: RC5 status In Progress

Overview **Links** Approvals **History** Loaded: Jun 9, 2008 3:43 PM

**History**

Change by Sonia Dimitrov (Jun 7, 2008 5:33:08 AM)

Comments All approvals are in. Jon will deploy this build to jazzdev this evening at 8 pm ET and I will start the promotion process.

Approvals Approval "Promote I20080605-2045 to RC5" removed:  
Kai-Uwe Maetzel  
Kevin Haaland

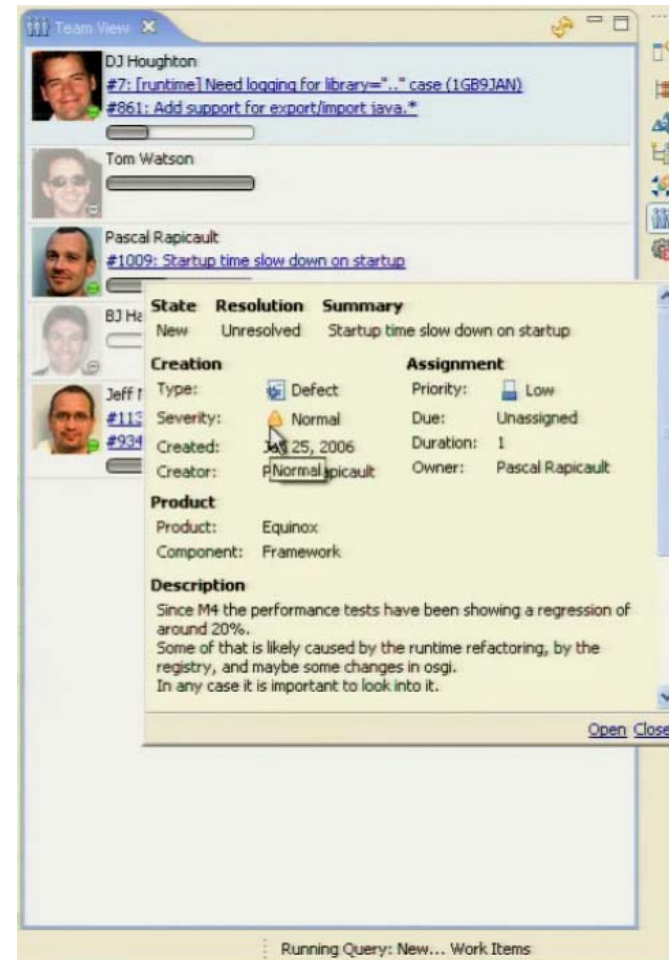
Change by Balaji Krish (Jun 7, 2008 5:23:57 AM)

Approvals Approval "Promote I20080606-1417 to RC5" state: Pending → Approved  
Balaji Krish: Pending → Approved



# Jazz Capability: Team Awareness

- Shows team members and their online status
- Shows what the team is working on



The screenshot displays the 'Team View' window in IBM Jazz. It shows a list of team members with their names and online status (indicated by green or grey icons). Below the list, a detailed view of a work item is shown. The work item details include:

State	Resolution	Summary
New	Unresolved	Startup time slow down on startup

**Creation**

Type:	Defect
Severity:	Normal
Created:	Mar 25, 2006
Creator:	Pascal Rapicault

**Assignment**

Priority:	Low
Due:	Unassigned
Duration:	1
Owner:	Pascal Rapicault

**Product**

Product: Equinox  
Component: Framework

**Description**

Since M4 the performance tests have been showing a regression of around 20%. Some of that is likely caused by the runtime refactoring, by the registry, and maybe some changes in osgi. In any case it is important to look into it.

Running Query: New... Work Items

# Jazz Capability: Team Build

- A Build is a first-class object
  - ▶ Associated build results, tests
  - ▶ Full navigability to all artifacts contributing to a build, directly or indirectly
- Build engine is “pluggable”
  - ▶ CruiseControl
  - ▶ BuildForge



**Summary of Build build.22**

**Build Details**

Build Type:	Equinox
Overall Status:	<b>Failed</b>
Start Time:	Tue, 6 Jun 2006 14:41:17
Time Taken:	1 min, 19.0 sec

**Build Status Details**

Compilation:	<a href="#">Success</a>
Unit:	<a href="#">Failed</a>

**Links**

Links related to this build result.

- [Changes](#)
- [Downloads](#)

*Jazz*





# Project Status

Dashboard: Jazz Project Dashboard > Trend Reports - IBM Rational Team Concert - Windows Internet Explorer

https://jazz.net/jazz/web/projects/Jazz%20Project#action=com.ibm.team.dashboard.viewDashboard&tab=\_ATTJKJNqEdy\_sMPGaxo4A

Dashboard: Jazz Project Dashboard > Trend Reports ...

Rational Team Concert Your Trial License expires in 113 days | Joseph Chang | Log Out

Jazz Project

Home Project Areas Dashboards Work Items Iteration Plans Reports Help

Type to search

Create Dashboard

Recently Viewed

- Jazz Project

Shared Dashboards

- My Profile
- Jazz Project
- All Dashboards

All Dashboards >

## Jazz Project Dashboard

Home Trend Reports Feeds

**Recently modified (60) Tags**

customization errorhandling ft interop  
license no\_code p rc5candidate svt  
terminology ux workitem

**Open Work Items by Type**

Team: All  
Area:  
Category: All  
Iteration: 0.6 M0, 0.6 M1, 0.6 M2, 0.6 M3, 0.6 M4, 0.6 M4D1, 0.6 M5, 0.6 M5D1, 0.6 M6, 0.6 RC1, 0.6 RC2, 0.6 RC3, 0.6 RC4, 0.6 RC5, 0.6 beta1, 0.6 beta2

**Open vs Closed Work Items**

Team: All  
Area:  
Category: All  
Iteration: 0.6 M0, 0.6 M1, 0.6 M2, 0.6 M3, 0.6 M4, 0.6 M4D1, 0.6 M5, 0.6 M5D1, 0.6 M6, 0.6 RC1, 0.6 RC2, 0.6 RC3, 0.6 RC4, 0.6 RC5, 0.6 beta1, 0.6 beta2

**Open Work Items by Priority**

Team: All  
Area:  
Category: All  
Iteration: 0.6 M0, 0.6 M1, 0.6 M2, 0.6 M3, 0.6 M4, 0.6 M4D1, 0.6 M5, 0.6 M5D1, 0.6 M6, 0.6 RC1, 0.6 RC2, 0.6 RC3, 0.6 RC4, 0.6 RC5, 0.6 beta1, 0.6 beta2

**Blocking Work Items**

Team: All  
Area:  
Category: All  
Iteration: 0.6 M0, 0.6 M1, 0.6 M2, 0.6 M3, 0.6 M4, 0.6 M4D1, 0.6 M5, 0.6 M5D1, 0.6 M6, 0.6 RC1, 0.6 RC2, 0.6 RC3, 0.6 RC4, 0.6 RC5, 0.6 beta1, 0.6 beta2

**New Work Items by Severity**

Team: All  
Area:  
Category: All  
Iteration: 0.6 M0, 0.6 M1, 0.6 M2, 0.6 M3, 0.6 M4, 0.6 M4D1, 0.6 M5, 0.6 M5D1, 0.6 M6, 0.6 RC1, 0.6 RC2, 0.6 RC3, 0.6 RC4, 0.6 RC5, 0.6 beta1, 0.6 beta2

**Closed Work Items by Priority**

Team: All  
Area:  
Category: All  
Iteration: 0.6 M0, 0.6 M1, 0.6 M2, 0.6 M3, 0.6 M4, 0.6 M4D1, 0.6 M5, 0.6 M5D1, 0.6 M6, 0.6 RC1, 0.6 RC2, 0.6 RC3, 0.6 RC4, 0.6 RC5, 0.6 beta1, 0.6 beta2

完成 Internet 100%



# The Rational Team Concert family 2008

	Express-C	Express	Standard
	<p>➤ <b>Consultants and students</b></p> <ul style="list-style-type: none"> <li>▪ In-context collaboration</li> <li>▪ Rapid deployment</li> <li>▪ Open source middleware</li> </ul>	<p>➤ <b>Small businesses</b></p> <ul style="list-style-type: none"> <li>▪ Transparent development</li> <li>▪ Out-of-the-box processes and process enactment</li> <li>▪ Commercial middleware</li> </ul>	<p>➤ <b>Corporate teams</b></p> <ul style="list-style-type: none"> <li>▪ Customizable process</li> <li>▪ Real-time project health</li> <li>▪ Lower cost of LDAP administration</li> <li>▪ Enterprise scalability and extensibility</li> </ul>
Maximum users per server	10	50	250
Middleware	Tomcat, Derby	DB2 Express, DB2, Oracle, Tomcat or WAS	DB2 Express, DB2, Oracle, Tomcat or WAS
Authentication	✓	✓	✓
Server-level user permissions	✓	✓	✓
Off-the-shelf process	✓	✓	✓
Subversion Integration	✓	✓	✓
Process customization			✓
User Import and Synchronization			✓
Proxy Support – when available			✓
Customizable Work Items			✓
Role-based Process Permissions			✓
Customizable Reporting and Alerts			✓
User Customizable Dashboards			✓
ClearCase, ClearQuest Integration			✓



# Customer Feedback

*“Rational Team Concert not only brings the communications channel inside the development platform, but it integrates everything. The integration with the complete workflow for the life cycle ... is a big improvement.”*

*-- Major health care insurance provider*

*"Features provided by Rational Team Concert are equal or more sophisticated than current used tool development environment at RB (JIRA, CVS and Release Engine)."*

*-- Global supplier of industrial, consumer and building technology*

*"I found that it was straightforward to install, which made a nice change. Starting up the server and getting the clients talking to it was simple as well."*

*-- Leading UK financial services organization*



# Agenda

- Typical Software Development Process
- What the challenge of software development today?
- What is Jazz and Rational Team Concert?
- How Jazz is different?
- Have a Quick Look on Jazz
- **Demo & Learn**
- Q&A



# Demo & Learn

- [Jazz.net](#)
- Demo – JUnit Example



## Additional resources

- Participate in the open beta of Rational Team Concert

<http://jazz.net>

- Explore Rational Team Concert tutorials, demos and other developer learning resources

<http://ibm.com/developerworks/spaces/jazz>

- Participate in the open commercial development of Jazz by joining the community

<http://jazz.net>

- Learn more about the Jazz technology and the future IBM Rational product roadmap

<http://ibm.com/rational/jazz/roadmap>





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# Glossary

- **Collaborative application lifecycle management (CALM):** A new paradigm for transforming the software lifecycle so that it is more collaborative transparent and productive. CALM is based on the principals of global integration, dynamic extensibility, continuous steering and real-time insight.
- **Jazz:** Jazz is a project and platform for transforming how people work together to deliver greater value and performance from their software investments.
- **Jazz Team Server:** A common set of shared services available to all Jazz-based products.
- **Jazz.net:** The online laboratory where select Jazz-based products are being created by Rational engineers with open community participation.
- **Eclipse:** An open source community whose projects are focused on building extensible frameworks, tools and runtimes for building, deploying and managing software across the lifecycle. An enthusiastic supporter of the Eclipse project, IBM Rational leverages several Eclipse technologies in the Jazz project.
- **Rational Team Concert:** IBM Rational's first offering based on the Jazz platform, enabling real-time collaboration that makes software teams more collaborative, transparent and productive. Rational Team Concert provides work item, SCM and build management in addition to all the capabilities of the Jazz platform.
- **Rational Software Delivery Platform:** The superset of Rational, IBM and certified partner products providing a comprehensive set of capabilities for software and systems delivery.

