The Rational 2.0 Roadmap – Powered by Jazz

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IBM Rational Software Development Conference 2008

WHERE TEAMS ARE R-HEROES

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The defining challenge in collaborative software delivery

Failure to communicate and collaborate across silos

2/3 of stakeholders are dissatisfied with the speed or quality of corporate software development

50% of outsourced projects are expected to underperform

Silos of people, process, and projects inhibit collaboration

Geographic Barriers

- Poor communication
- Language, cultural 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

IBM Rational Software Delivery Platform

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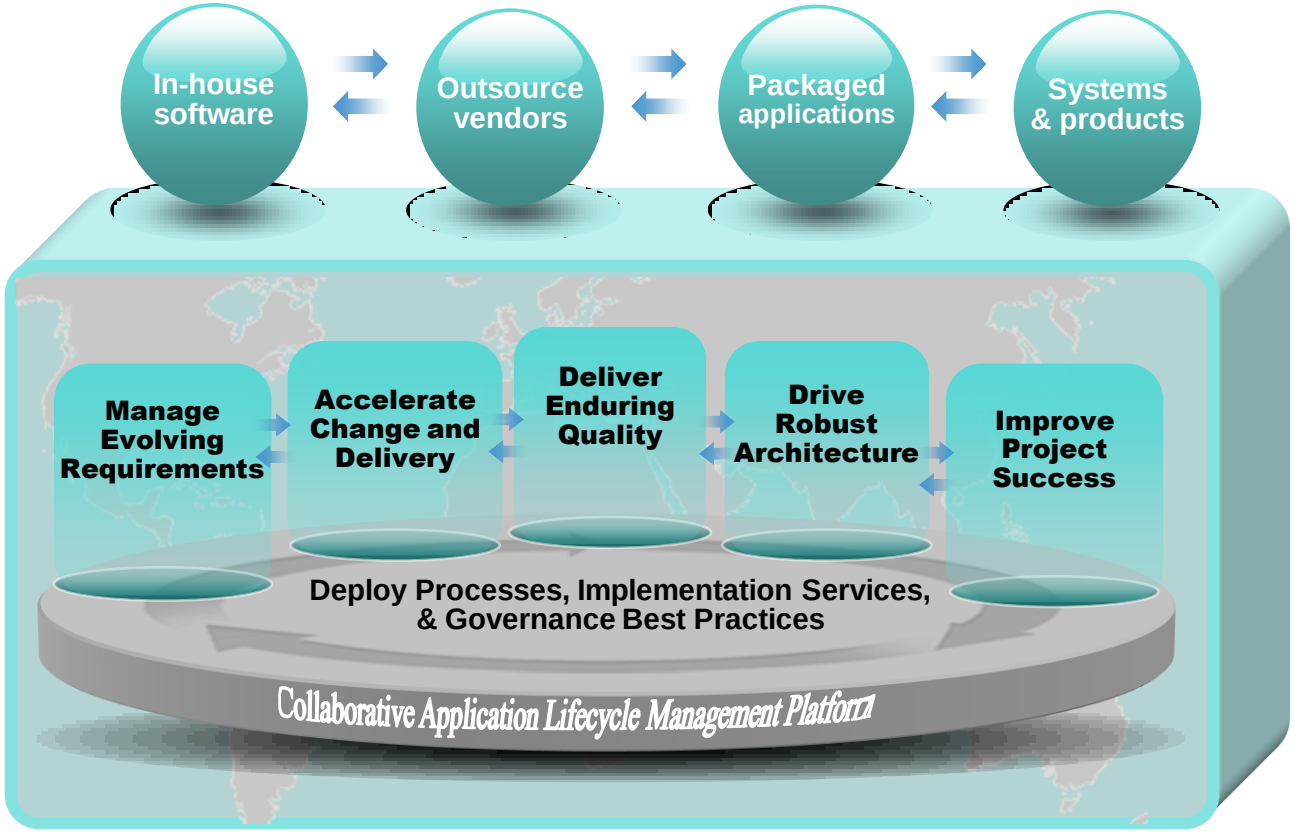
***Solutions** to help customers achieve greater value and performance from their investments in software*



- ***Enterprise Modernization and Transformation***
- ***Organizational Governance***
- ***Skill Development and Community***
- ***Implementation Services***

What if Your Tools Knew and Supported…

Your Development Policies…

✓ **Mandatory Peer reviews completed? Unit tests run? Code quality rules checked?**

Who is on Your Team…

✓ **How to assist new team members in getting started**

When an error occurs …

✓ **Reliable history of who did what and why. Assistance to unwind or correct.**

Accurate, real-time status of progress and quality

✓ **Linkage of progress to plan, completion and quality trends**

We Call This "Collaborative ALM"

Requirements of a Collaborative ALM Solution

Improve Team collaboration

- ✓ Presence, chat, document sharing, blogs, discussion groups and bulletin boards
- ✓ Access through browser, Eclipse, MSVS.NET
- ✓ Custom dashboards and reporting, configurable RSS feeds, notifications
- ✓ Integration with Lotus Quickr, Microsoft Sharepoint

Encourage Process Excellence

- ✓ Build process awareness into individual and team activities and workflows (process enactment)
- ✓ Support a broad portfolio of best practices, including out-of-the-box processes—or create your own
- ✓ Enable flexible rules enforcement at key checkpoints
- ✓ Anticipate common errors and automate correction
- ✓ Provide built-in support for best practices, e.g. continuous build, just-in-time code reviews, traceability, integrated change management

Balance Governance & Autonomy

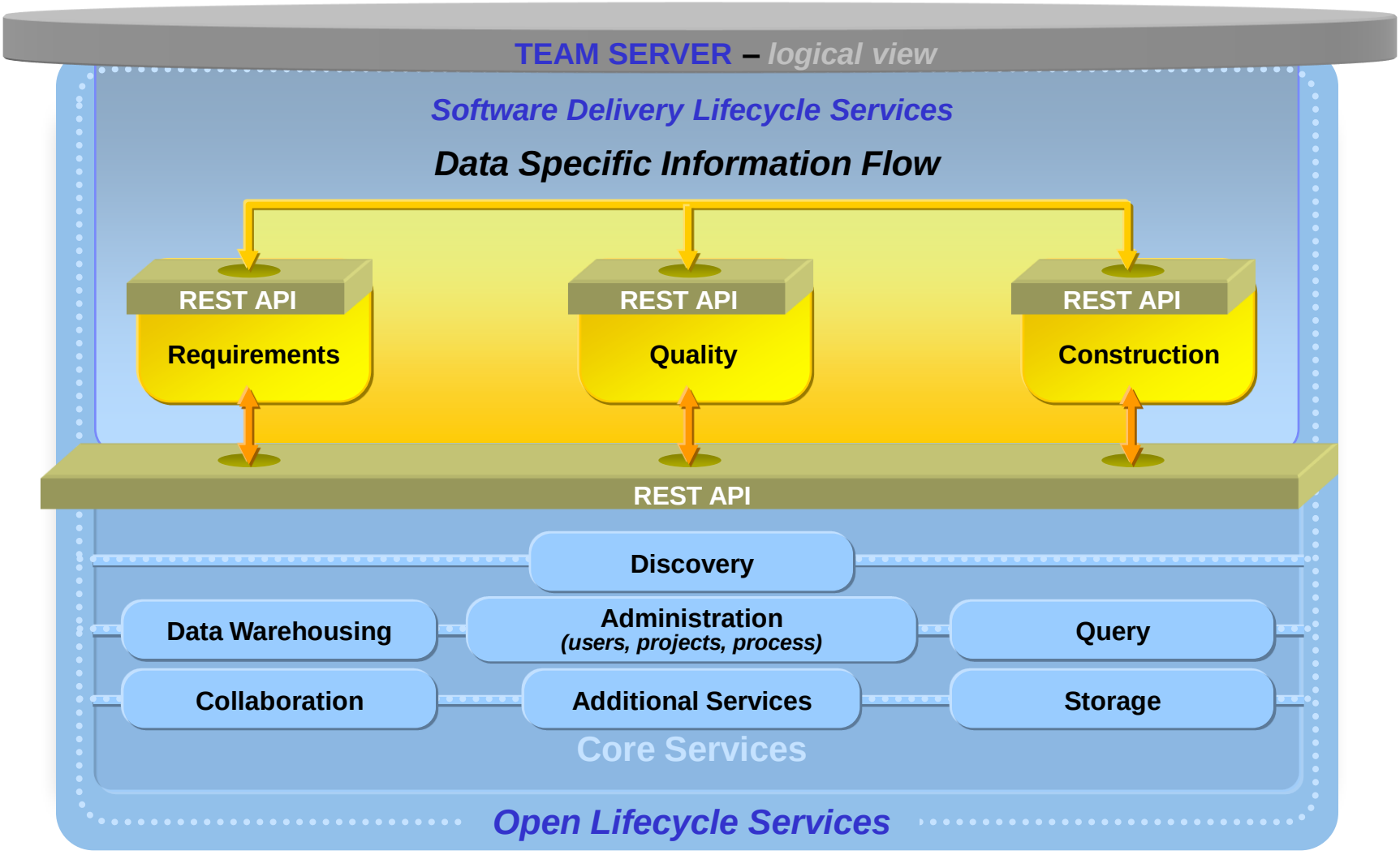
- ✓ Collect project data automatically and unobtrusively
- ✓ Deliver fact-based metrics, not estimates
- ✓ Provide real-time view of individual, project and team status and trending
- ✓ Support pre-defined, custom, and personal queries, dashboards and reports
- ✓ Provide metric-based tracking for CMMI, MCIF or any capability improvement program

Reduce Total Cost of Ownership

- ✓ Enable efficient on-boarding of projects and teams
- ✓ Streamline LDAP user access and administration
- ✓ Leverage existing investments in servers, storage, messaging and service management
- ✓ Enable interoperability with home-grown, third party and open source tools
- ✓ Leverage a rich partner ecosystem with hundreds of sales and support partners, worldwide

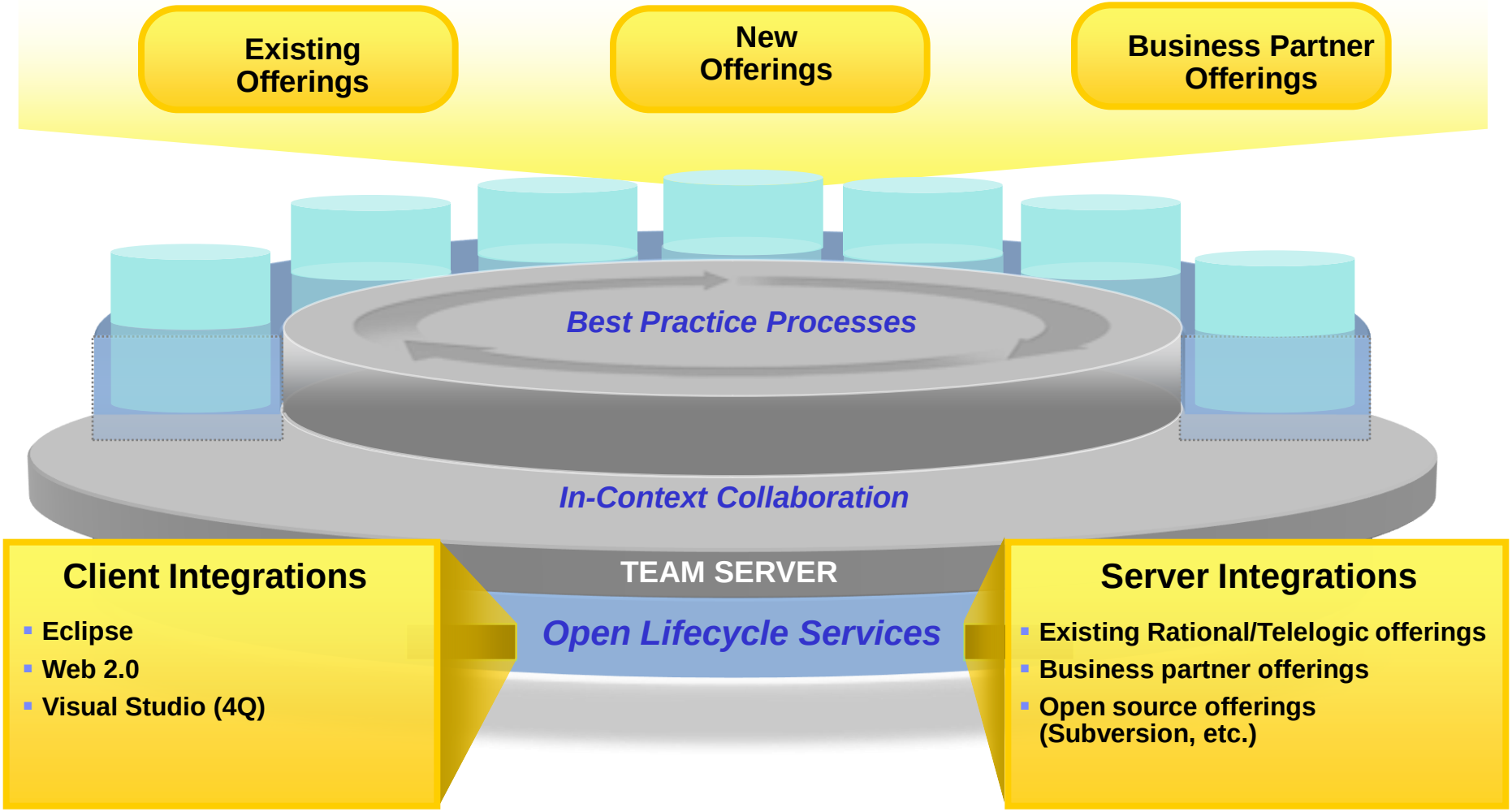
Software Delivery Lifecycle

Via Web-based Architecture



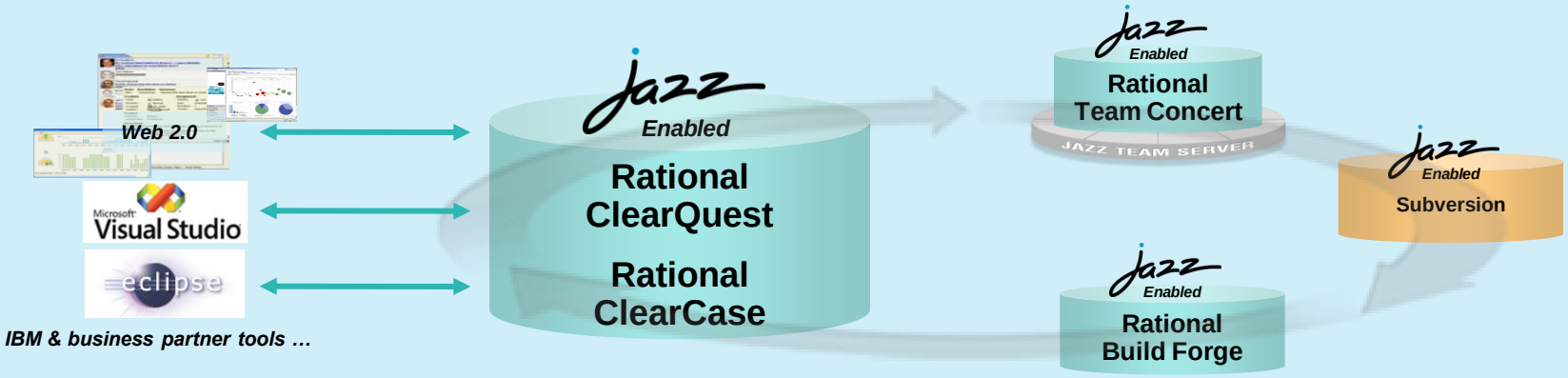
Rational's Vision

Open, Web-centric, Services-based



Enhanced Enterprise-Class Change and Release Management

Achieving new levels of enterprise integration, scalability, security, performance and usability



	Rational ClearQuest – Enhancements New!	*Rational ClearCase – Enhancements* New!
Collaborate in Context	▪ ***Work item synch with Team Concert (Jazz)*** ▪ ***New browser-based client built on Web 2.0***	▪ ***Seamless shared project views and filters*** ▪ ***Deploy faster with iteration planning with Team Concert (Jazz)***
Right-size Governance	▪ ***Ensure compliance with fine grained security and access control lists*** ▪ ***Support remote teams with enterprise reports***	▪ ***24/7 Global monitoring and server uptime view*** ▪ ***React sooner with customizable event settings***
Day One Productivity	▪ ***Out-of-the-box ALM Schema – jump start complete lifecycle support***	▪ ***Agile process support*** ▪ ***High scalability – handle 500 users***

And there is more in 2008!

Phase 2 – Expanding Collaborative ALM

Rational Team Concert

Innovation Through Collaboration

Unify by "thinking and working" in unison with real-time project heath

Rational Requirements Composer

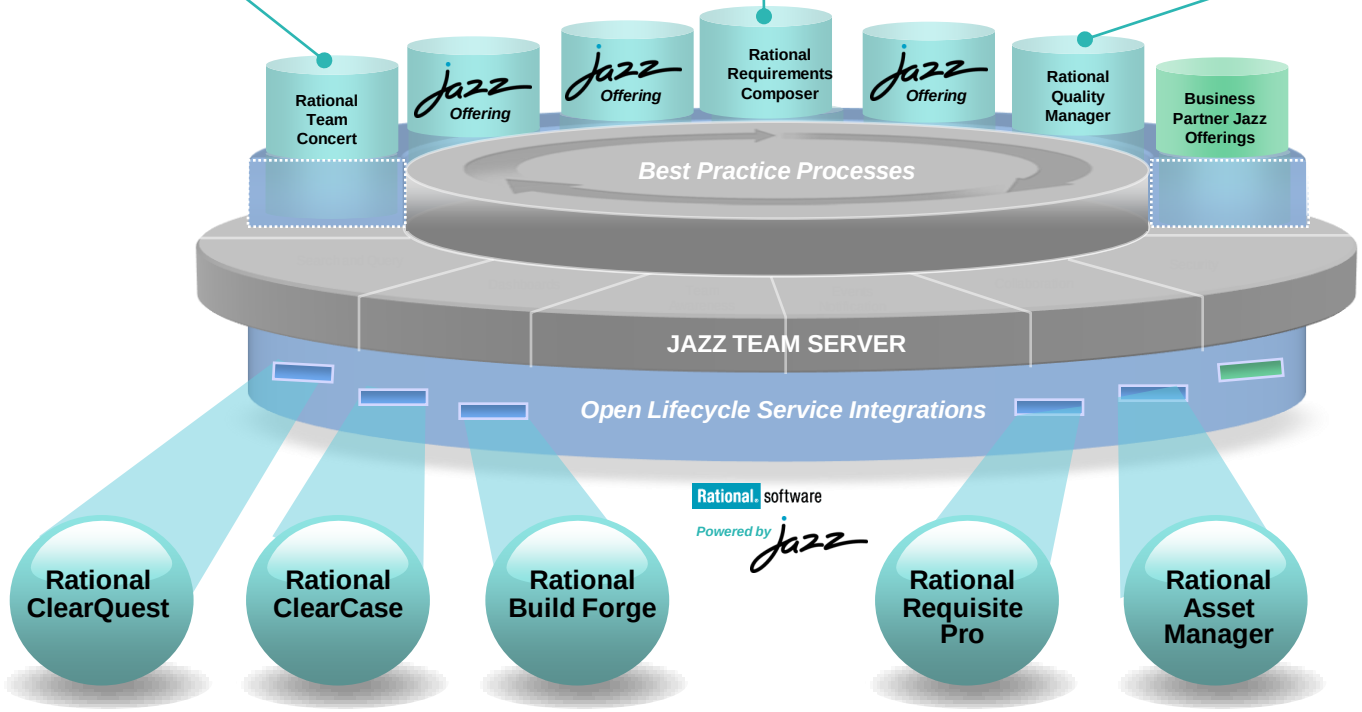
Business Expert Collaboration

Elicit, capture, elaborate, discuss and review requirements

Rational Quality Manager

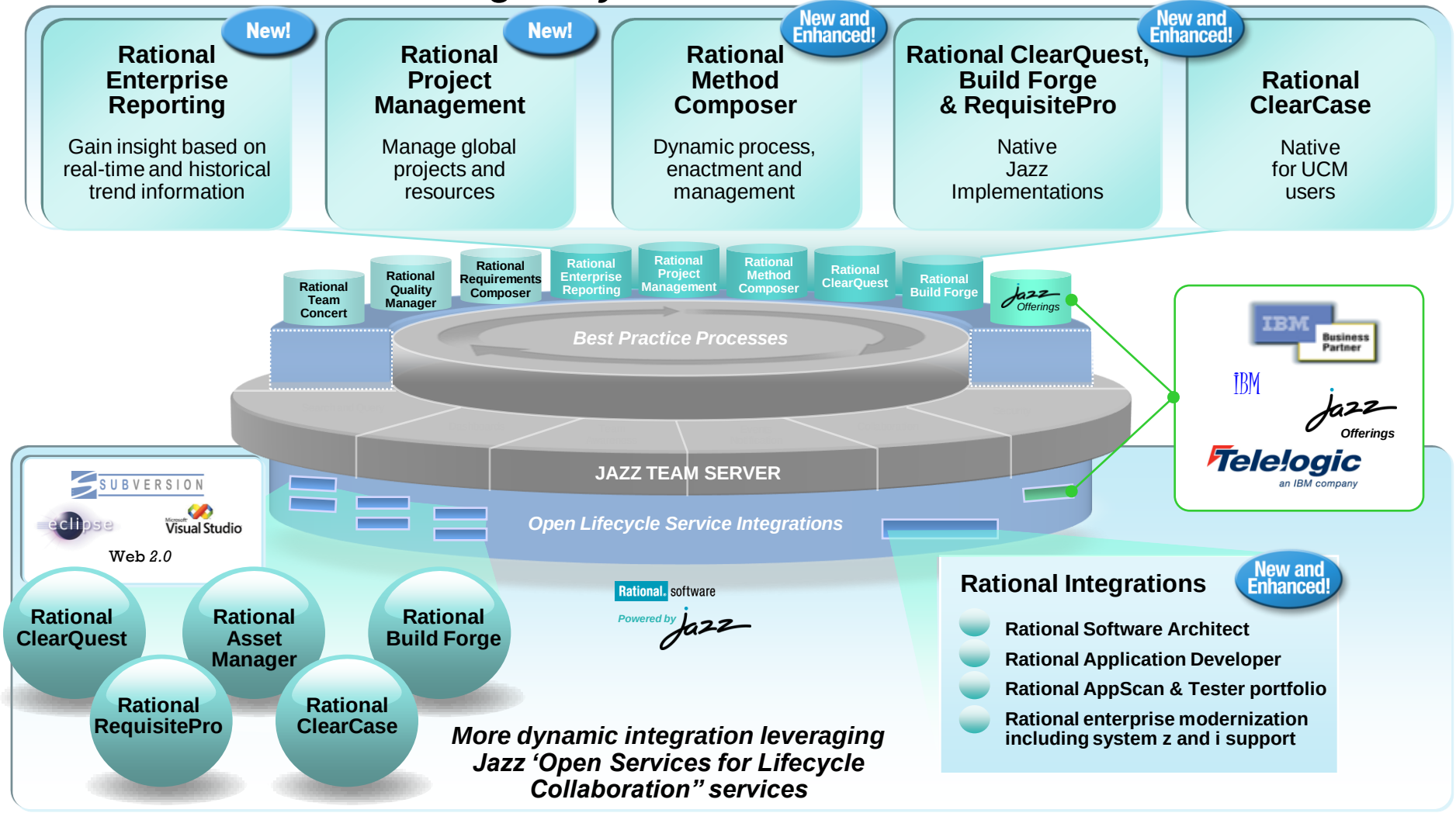
Collaborative Business-driven Quality

Coordinate quality assurance plans, processes and resources



The Road Ahead

Phase 3 – Jazz offerings beyond 2008



Collaborate with us

Design Partner Program

Lab Advocacy Program

Board of Advisors

Voice of the Customer Events

Rational Software Development Conference

jazz.net

developerWorks

Beta Programs

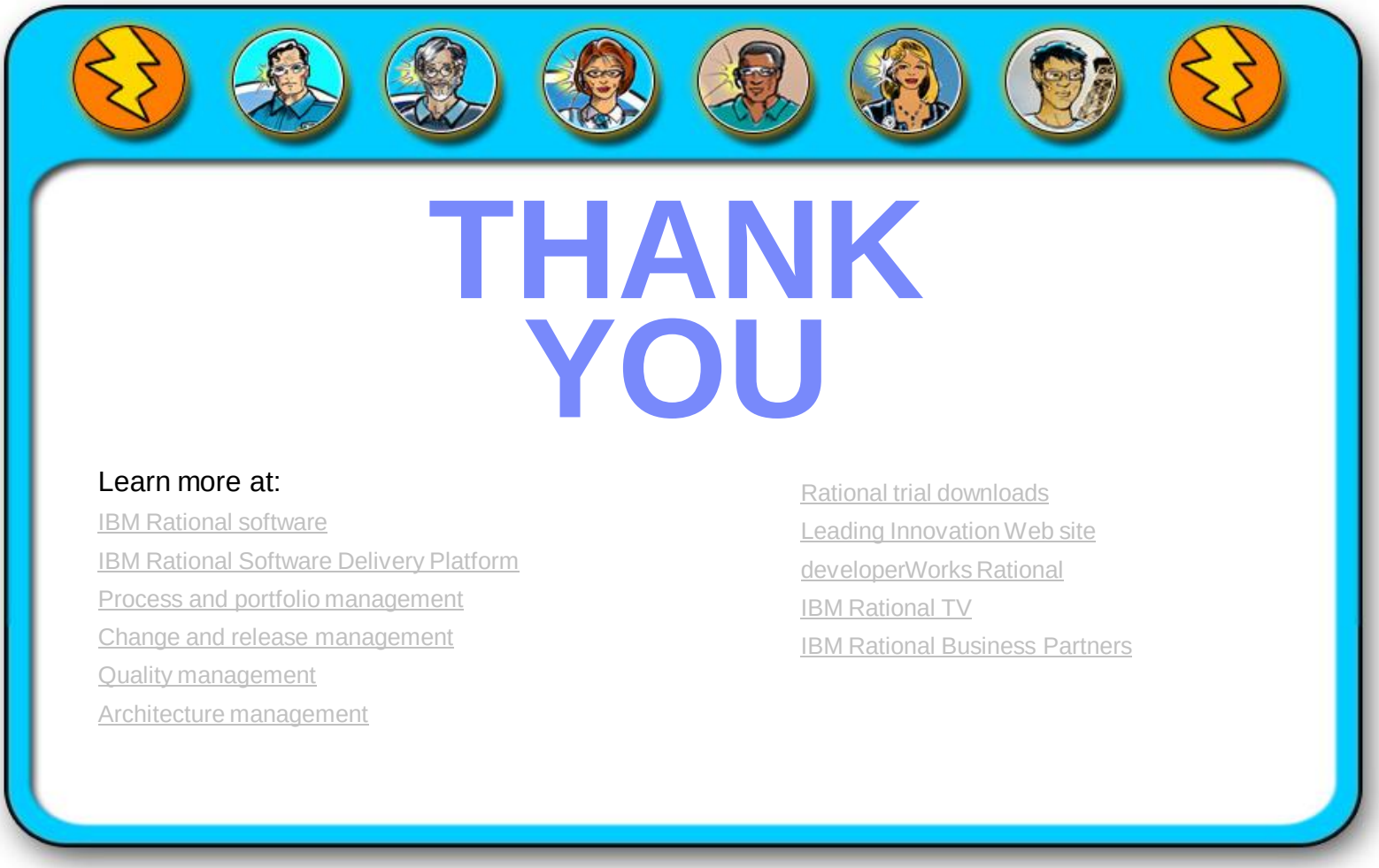
RFE Community

Rational User Groups

Customer Acceleration Program

collaboration is everything

➔ Learn more at www.ibm.com/software/rational/collaborate



THANK YOU

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- Change and release management
- Quality management
- Architecture management
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