



IBM Software Group

Rational software

Rational Quality Manager Short Introduction

Rational Software Quality Products

*Michel Ott – IT Specialist
michel.ott@ch.ibm.com*



 e-business software

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What is Jazz?

Jazz is IBM's **next-generation technology platform** for collaborative software delivery. Uniquely attuned to global and distributed teams, the Jazz platform is designed to **transform how people work together to build software**—making software delivery more **collaborative, productive and transparent**.

Innovation

A major investment by IBM to create a scalable, extensible team collaboration platform

Evolution

Many Rational products will evolve to support the Jazz technology platform over time, bringing a host of next-generation capabilities to the Rational Software Delivery Platform.

Community

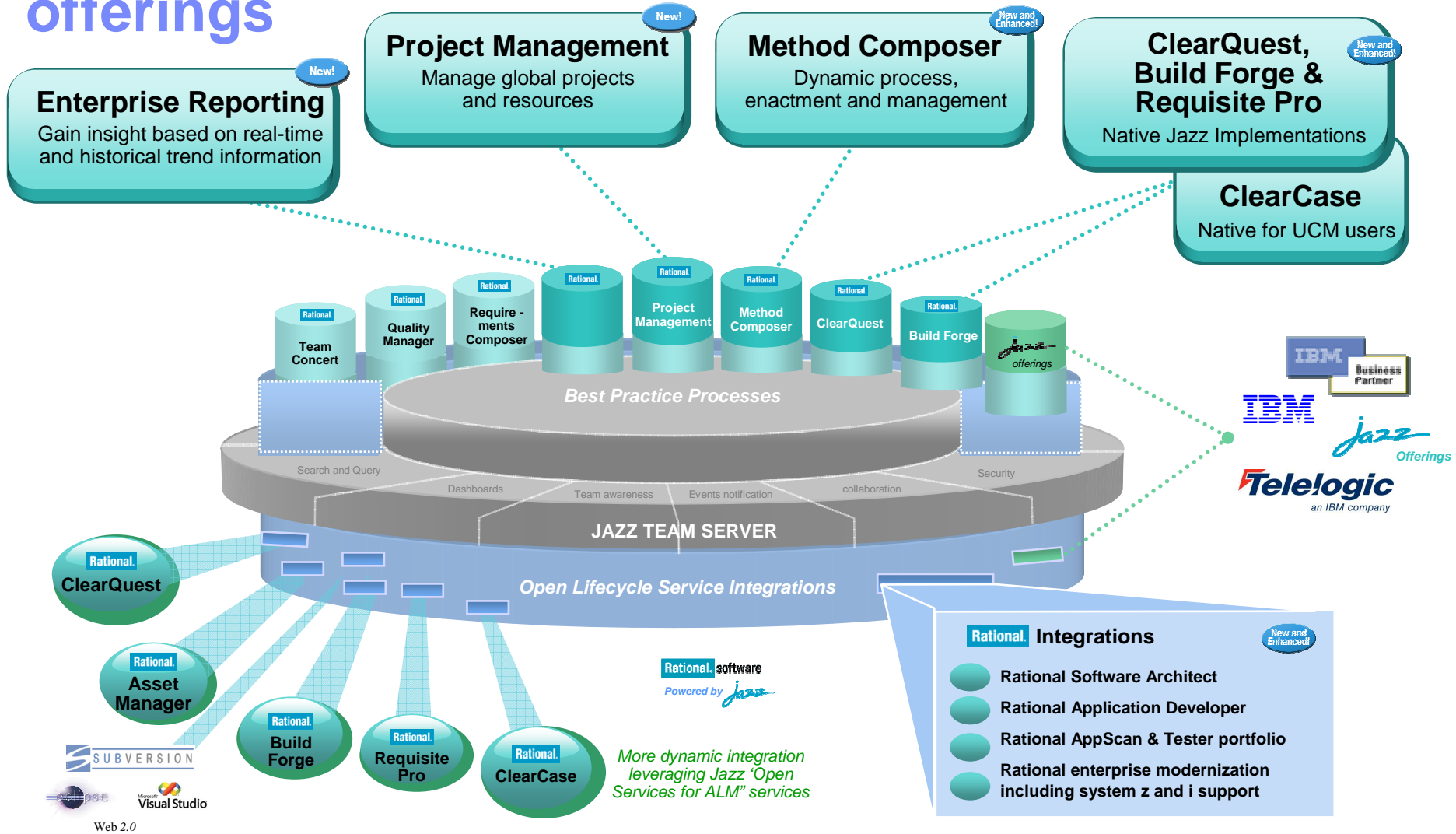
Jazz.net – an online venue for open commercial development of the Jazz platform and Jazz-based products.

Vision

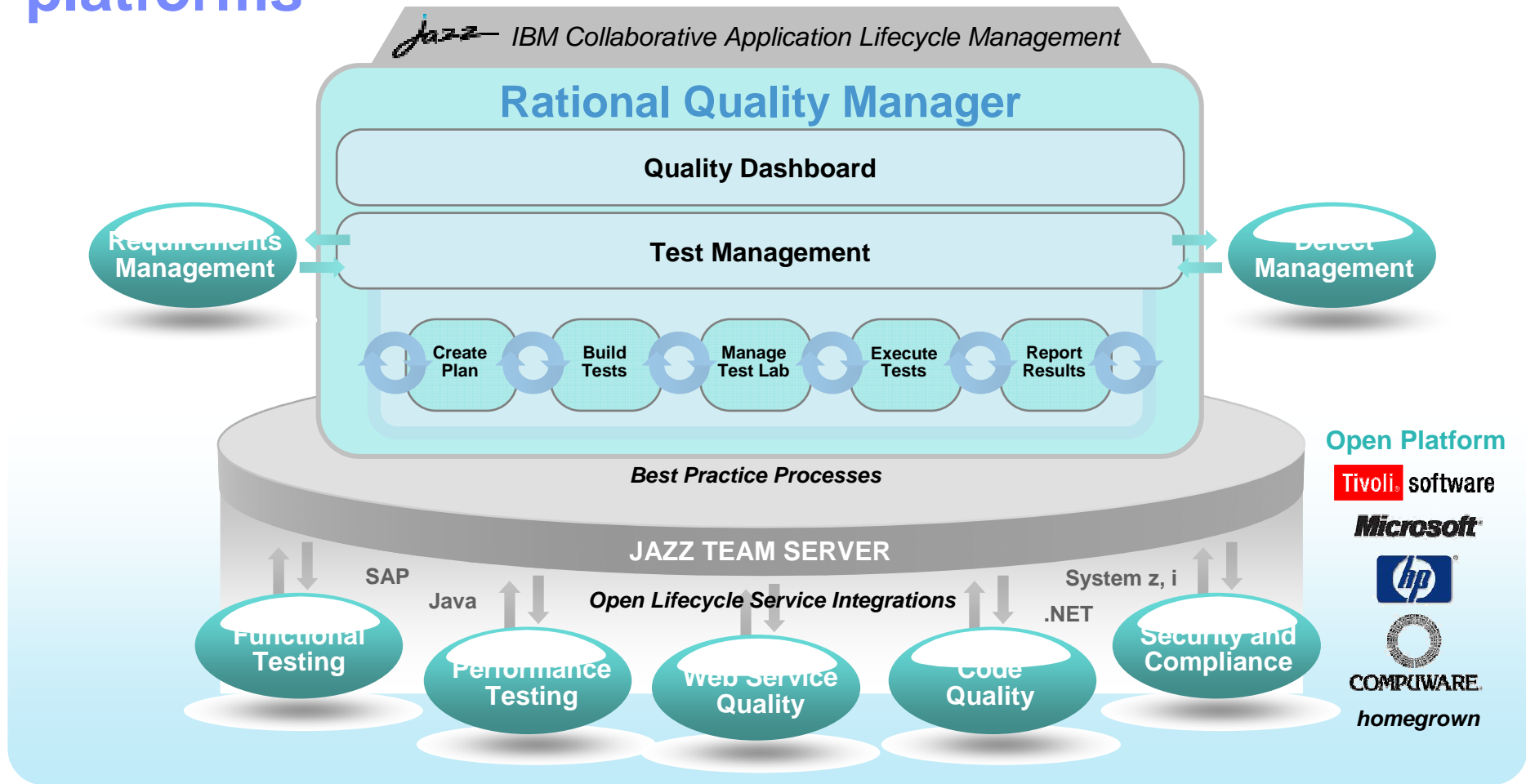
Our vision for the future of software delivery -- supporting diverse types of teams and a workforce that is increasingly organizationally and globally distributed, fluid and dynamic.



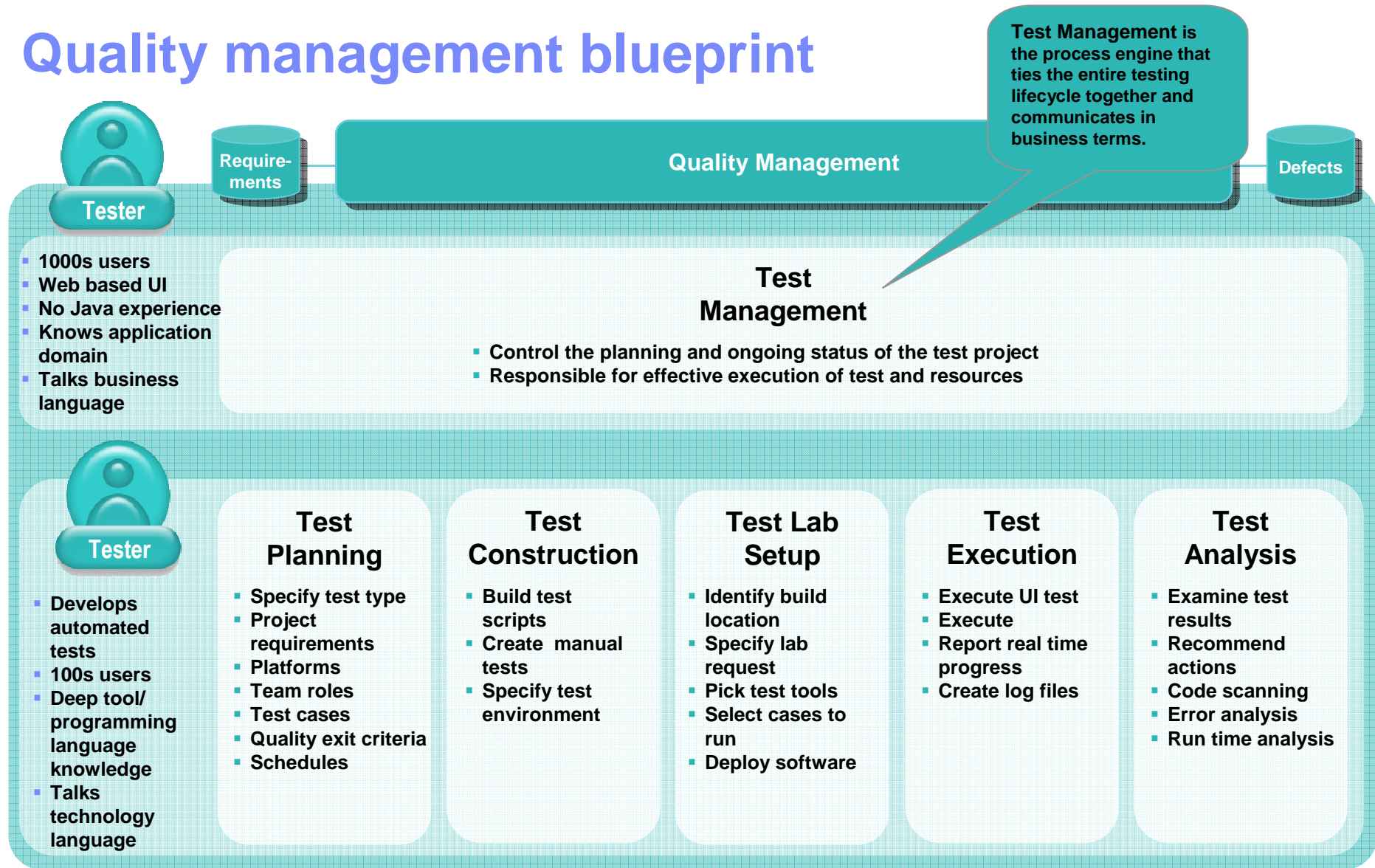
The road ahead: The second wave of Rational Jazz offerings



Centralized test management offering allowing full lifecycle support across all types of testing and platforms



Quality management blueprint



Accelerate your results

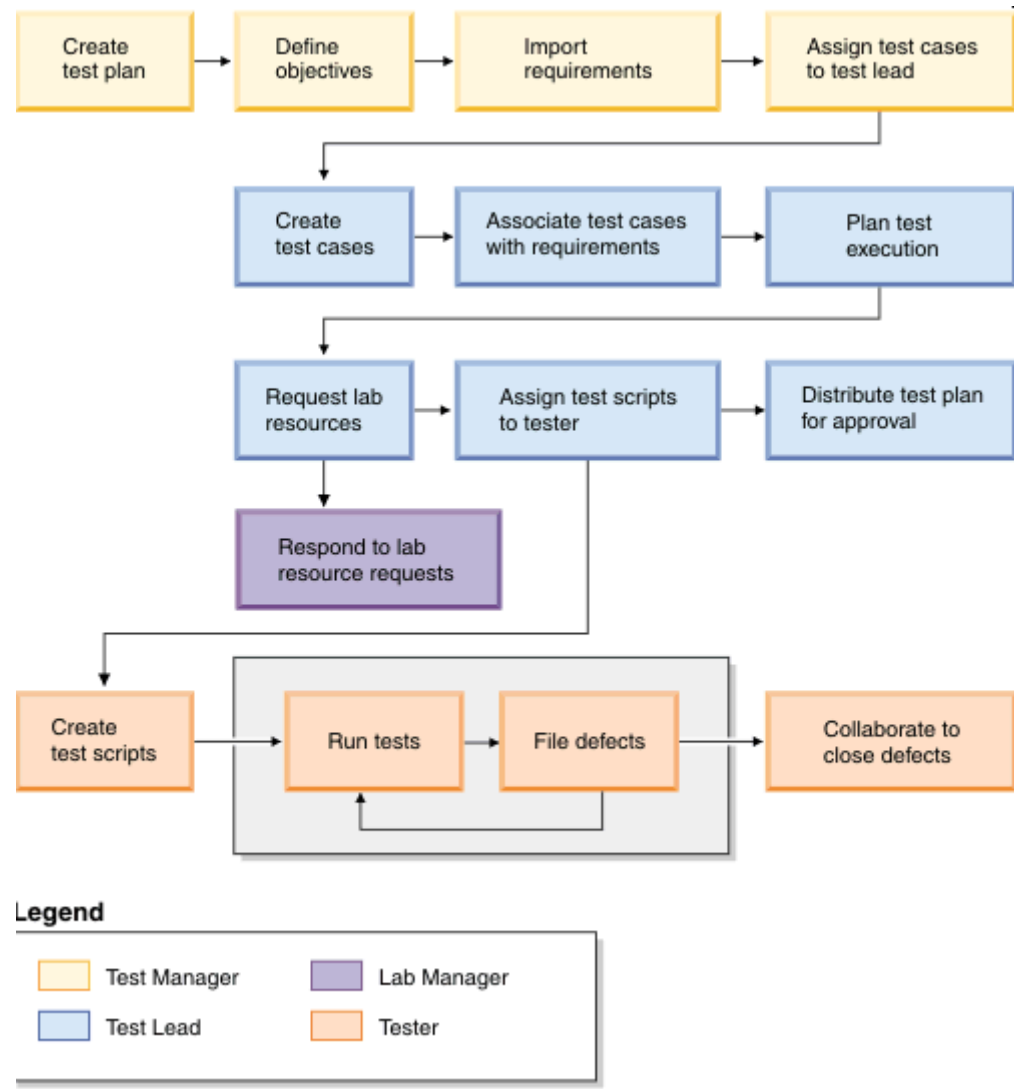
With out-of-the-box integrations to Rational Quality Manager

Out-of-the-box integrations with Rational Quality Manager

- ✓ Rational Functional Tester v8.0
- ✓ Rational Performance Tester v8.0
- ✓ Rational Service Tester for SOA Quality v8.0
- ✓ ClearQuest (via connectors)
- ✓ Rational ROBOT
- ✓ Rational ReqPro v7.1
- ✓ Rational AppScan Enterprise Edition



RQM Workflow



Collaborative and adaptive test plan management

Test plans that are easy to create and evolve with our projects

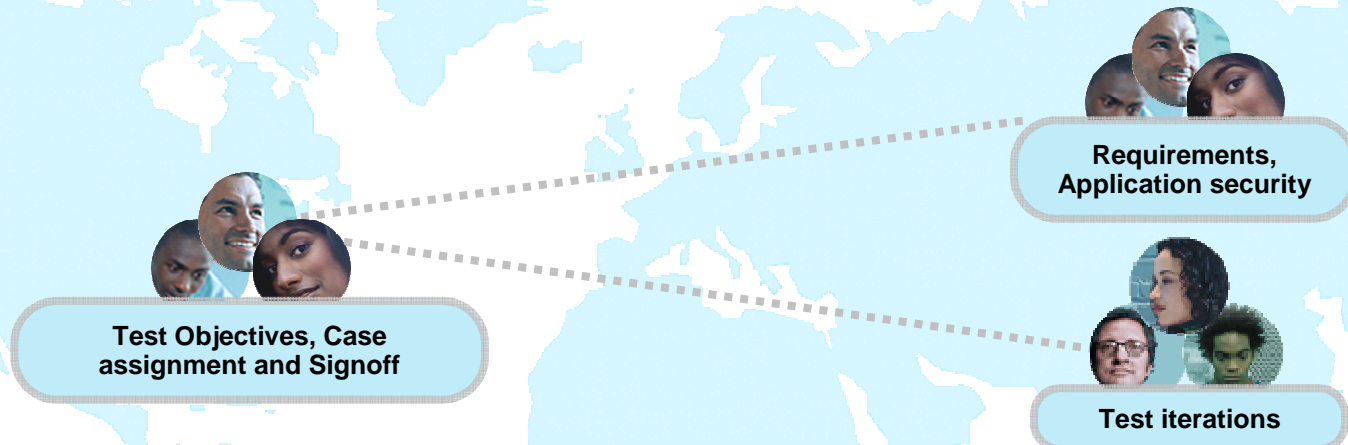
The screenshot displays the Rational Quality Manager interface for a test plan titled "Java PetStore Test Plan". The interface includes a top navigation bar with "Home", "New Machine", and "My Test Plans" tabs. A left sidebar lists various project management sections such as "Planning", "Construction", "Lab Management", "Execution", "Reports", "Defects", and "Administration". The main content area shows the test plan details, including the originator (ADMIN), state (Draft), and a description: "Provide full test coverage for Java PetStore Test Plan". A "Table Of Contents" sidebar is visible, listing sections like Summary, Business Objectives, Test Objectives, Review and Approvals, Requirements, Application Security, Test Iterations, Sizing, Environments, Test Team, Quality Goals, Entry Criteria, Exit Criteria, Test Cases, and Attachments. Three callout boxes highlight key features: "Track test plan history with version snapshots" (pointing to the "View Snapshots" link), "Individual ownership for every section" (pointing to the "Owned By" field), and "Structured test plan with multiple user defined sections" (pointing to the "Table Of Contents" sidebar).

Up to date work progress information

Task management for individual and team

Challenge: Assigning and coordinating test plan ownership and events across distributed teams

Solution: Visualize commitments, reduce rework, track tasks and monitor events



QM Event Log (17 new)

- [9] Provide the Review and Approvals Section for Classics CD (3) 3 hours ago
- * Login window does not appear (38) 3 hours ago
- * Classics Request (37) 5 hours ago
- * Provide the Test Scripts Section for New Customer Order (36) 5 hours ago

Page 1 of 3

Team event log

My Tasks

Type Filter Text

Show All | Items per page | Previous | 1 - 4 of 4 | Next

Id	Summary	Artifact
Authoring 3	The artifact has been approved	Classics CD
Authoring 3	Provide the Review and Approvals Section for Classics CD	Classics CD
Authoring 2	Provide the Summary Section for Classics CD	Classics Admin
Authoring 1	Provide the Summary Section for Classics CD	Classics CD

Individual Task List

Know what others are doing, know what others expect from you



Proof of process

Challenge: Centralized QA team works with multiple stakeholders across lines of business

Solution: Keeping version history and managing approval process at different phases

All project stakeholders can review, refine and sign-off on all quality related artifacts



Artifact Reviews and Approvals

Review and Approvals

List the people who will be reviewers and approvers of this content and define your approval process.

Review Type	Name	Status	Comments	Modified
Approver	Mary (Manager)	Pending		
Reviewer	Larry (Lab Manager)	Pending		

QA team maintains accurate project history with detailed artifact versioning



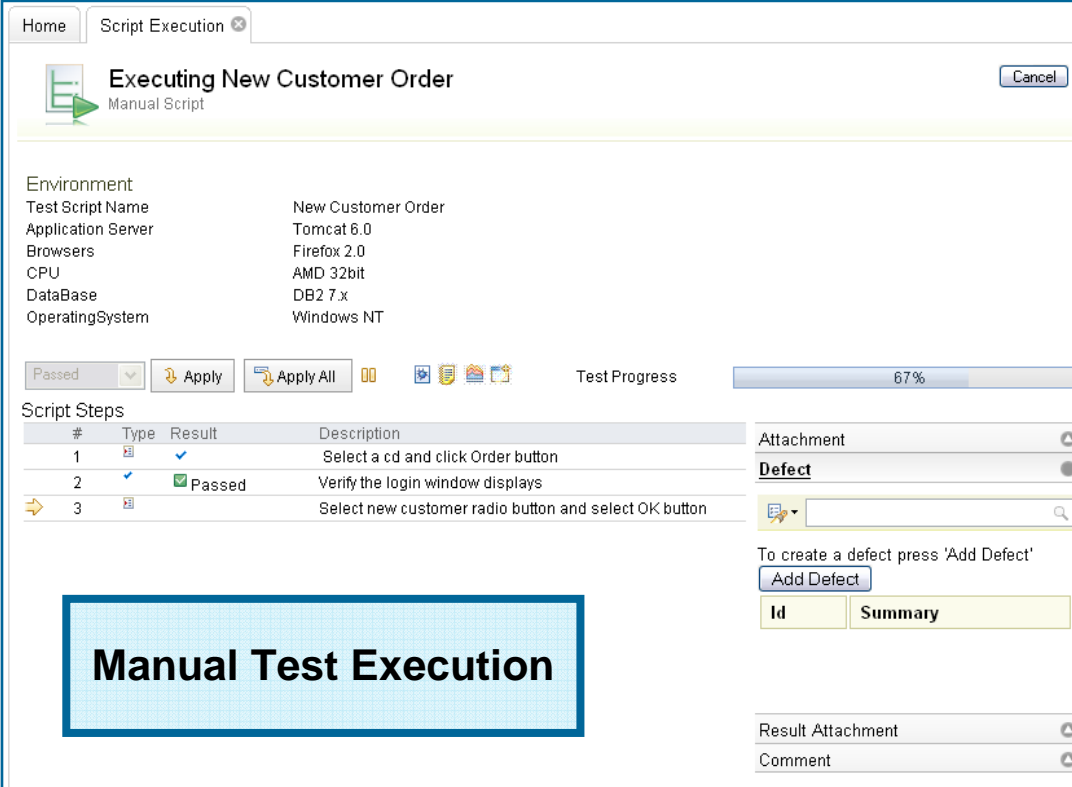
Artifact Versioning

Java PetStore Test Plan

Type	Revision	Name	Date	Originator	Detail
	1	Draft version	1 minute ago	ADMIN	

Integrated manual test authoring and execution

Track execution results and defects from manual test efforts



The screenshot shows the 'Script Execution' window for a manual script titled 'Executing New Customer Order'. The environment details are as follows:

Environment	Value
Test Script Name	New Customer Order
Application Server	Tomcat 6.0
Browsers	Firefox 2.0
CPU	AMD 32bit
DataBase	DB2 7.x
OperatingSystem	Windows NT

The test progress is 67%. The script steps are:

#	Type	Result	Description
1			Select a cd and click Order button
2		Passed	Verify the login window displays
3			Select new customer radio button and select OK button

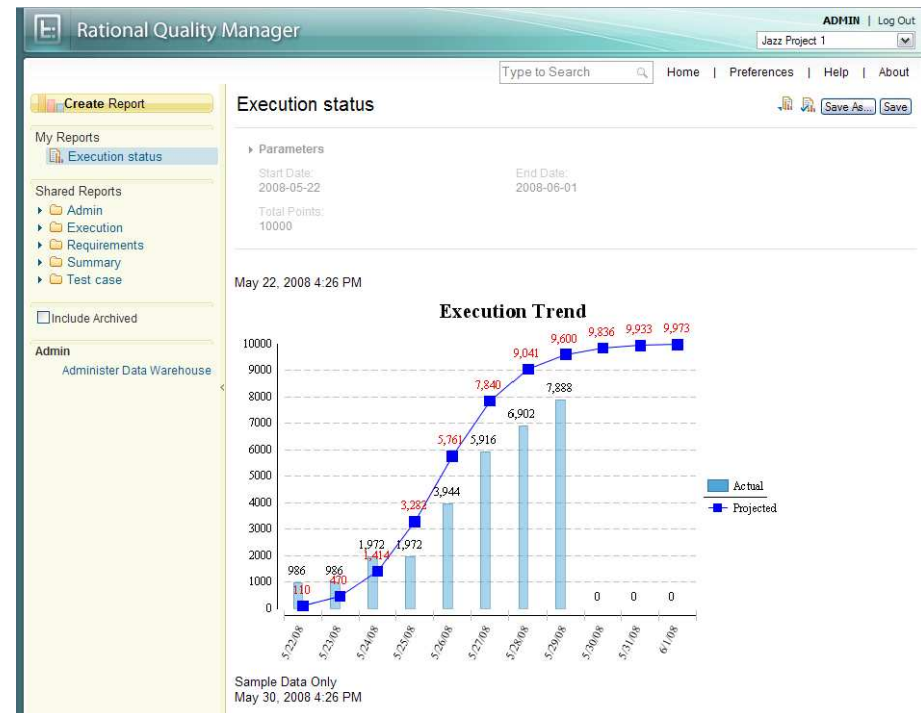
A 'Manual Test Execution' callout box is overlaid on the bottom left of the screenshot. The interface also includes an 'Add Defect' button and a table for defect tracking with columns for 'Id' and 'Summary'.

Manual test author and execute

- ▶ Step by step capture and execution of manual tests
- ▶ Keyword support for integrated manual and automated testing
- ▶ Rich defect capture during execution, including screenshot and attachments
- ▶ Simple intuitive interface for quick test execution

On demand reporting

Snapshot views of project status from multiple perspectives



Customizable reporting enables sharing and communication of vital project information

Getting Started

Further learning resources for you to explore



- ibm.com/rational

- ▶ Additional Product Information
- ▶ Product demonstrations
- ▶ Product datasheets

- ibm.com/developerWorks

- ▶ Download Evaluation Software
- ▶ User Forums
- ▶ Product tutorials, etc.

- <http://jazz.net/>

- ▶ Everything about Rational Jazz

- ▶ Forum

<http://jazz.net/forums/viewforum.php?f=7>

- ▶ Wiki

<https://jazz.net/wiki/bin/view/Main/RQMHome>

- ▶ Information Center

<http://publib.boulder.ibm.com/infocenter/rqmhelp/v2r0/index.jsp>





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