



IBM® Rational® Quality Manager State of the Union

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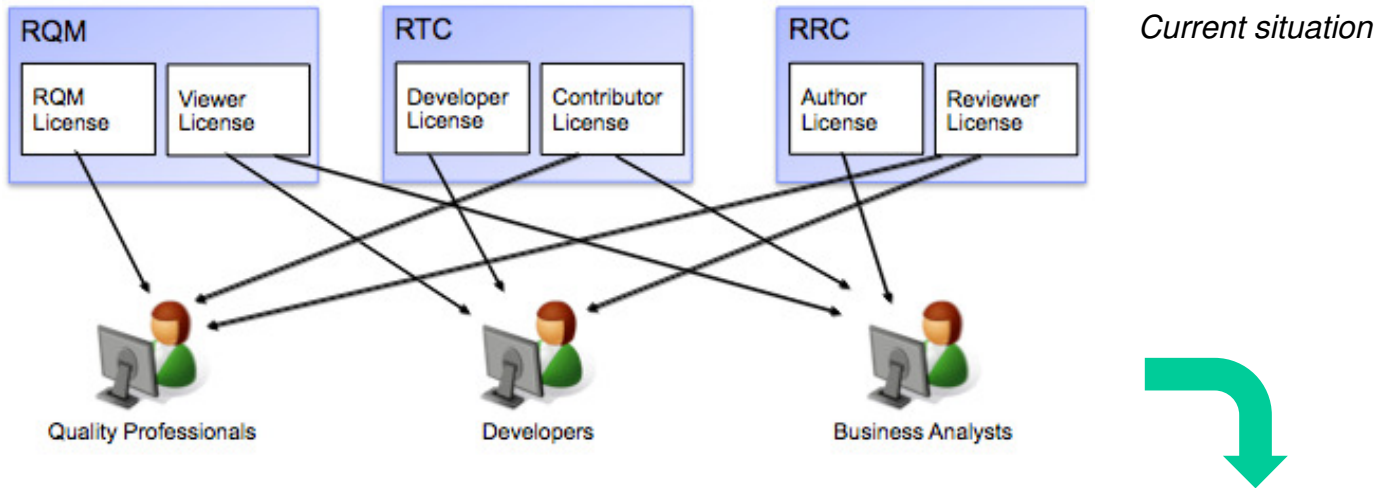
Software. Everywhere.

August 9-11, Bangalore | August 11, Delhi

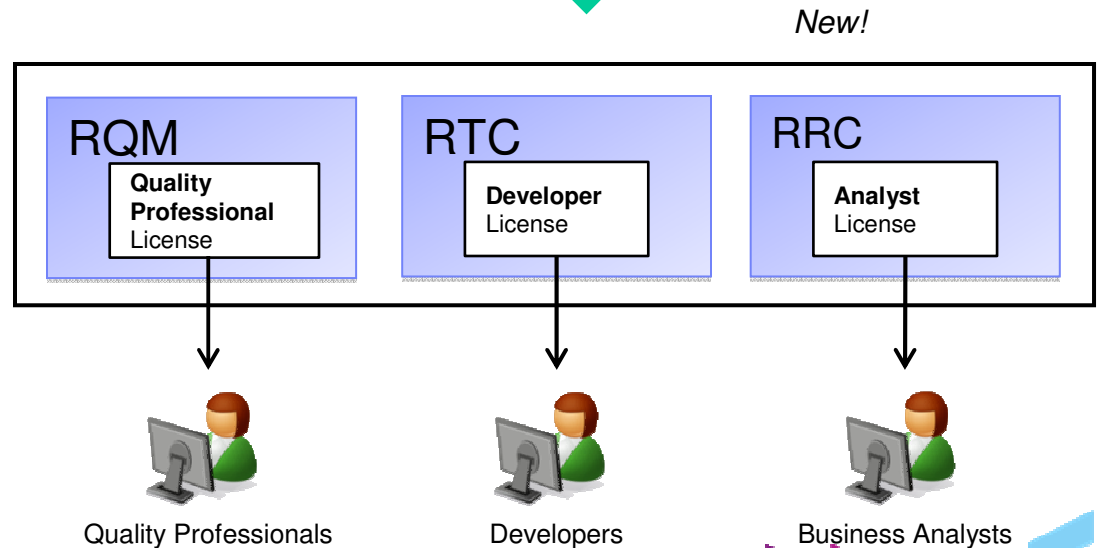


Simpler Packaging & Licensing

Reduce Cost of Ownership & Administration



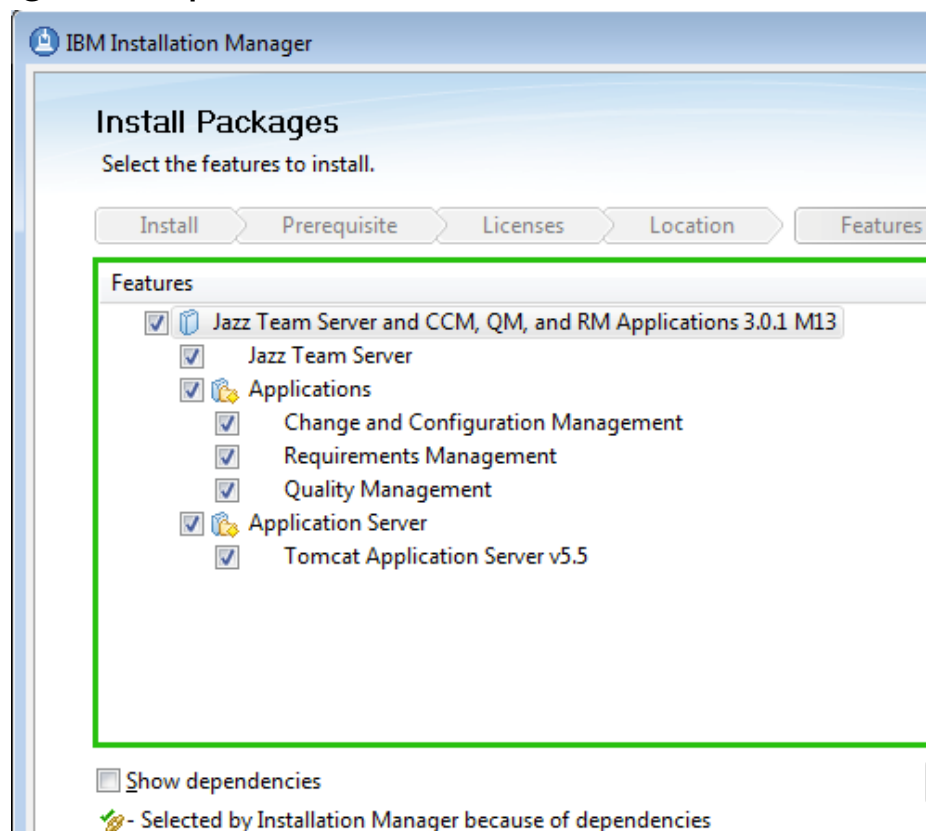
- Removed server based pricing on all applications
- Purchase role-based client licenses
- Licenses have CLM integration built in that provide cross product access (no need to buy additional role-based licenses)



Simpler Installation

Reduce Cost of Ownership & Administration

- One download contains all three applications
- Can install all applications in one location or spread across systems
- Reporting is not part of the install



Easier to Set-up & Easier to try

Jazz
TEAM SERVER & APPLICATION SETUP

▼ JAZZ TEAM SERVER

- ➔ Introduction
- Configure Public URI
- Configure Database
- Configure Data Warehouse
- Enable E-mail Notification
- Setup User Registry
- Register Applications

▼ QUALITY MANAGEMENT (/qcm)

- Configure Public URI
- Configure Database
- Configure Data Warehouse
- Finalize Application

▼ CHANGE AND CONFIGURATION MANAGEMENT (/ccm)

- Configure Public URI
- Configure Database
- Configure Data Warehouse
- Finalize Application

Introduction

Welcome to the Jazz Team Server setup wizard! This setup wizard contains configuration steps for the applications you just installed. The first section will configure the Jazz Team Server. You'll be able to set up the database, configure email settings, configure the user registry, and register applications with this Jazz Team Server. During the "Register Applications" step, the wizard will detect the applications you have installed and allow you to register them. Upon registration, additional configuration steps for each application may be added to this wizard. Once you have completed all of the steps, you will see a "Summary" step which will provide you with an overview of the changes and some additional information to help you learn more about Jazz.

NOTE: Once you start this wizard, you should continue until you have completed each step. Leaving the setup wizard without finishing each step may cause the Jazz Team Server or one or more of the applications to get into a bad state. Keep in mind, you will have an opportunity to come back to this setup wizard to modify the configuration once you have completed the setup.

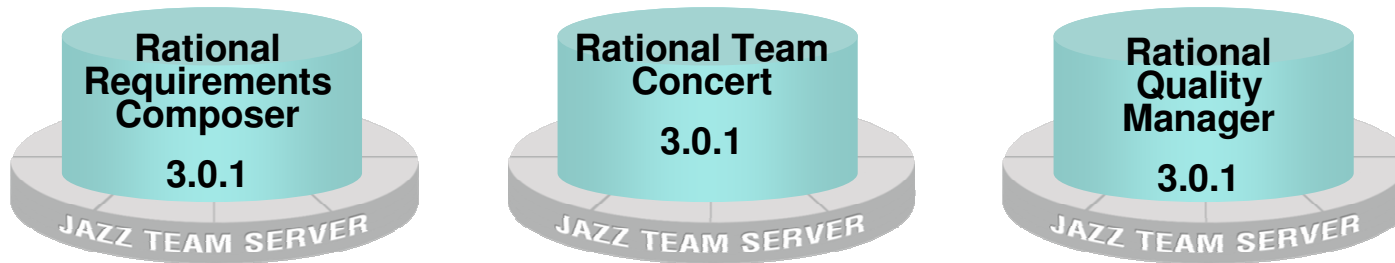
To get started, click the "Next" button below.

Configure the Server → Register and Configure Applications → Finalize Steps and Get Started

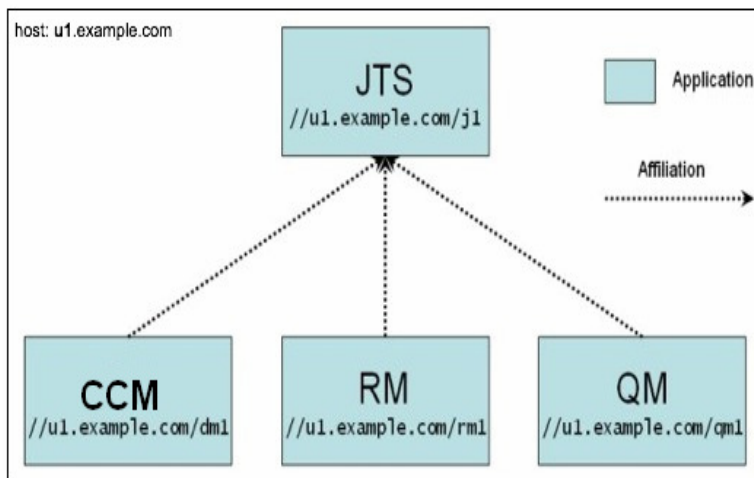
- Runs on a laptop
– Tomcat, derby
- Set-up in less than 30' (your performance may vary)
- Get started on a fully functional sample

Flexible Deployment Options

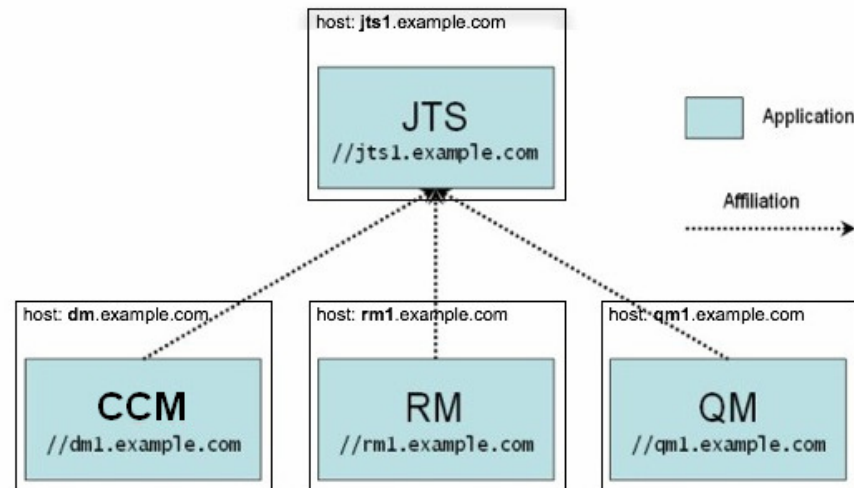
Reduce Cost of Ownership & Administration



a) Silo'd product configuration, one product, one JTS, per app server – same as 2.0



b) Multiple products deployed into a single application server, shared JTS

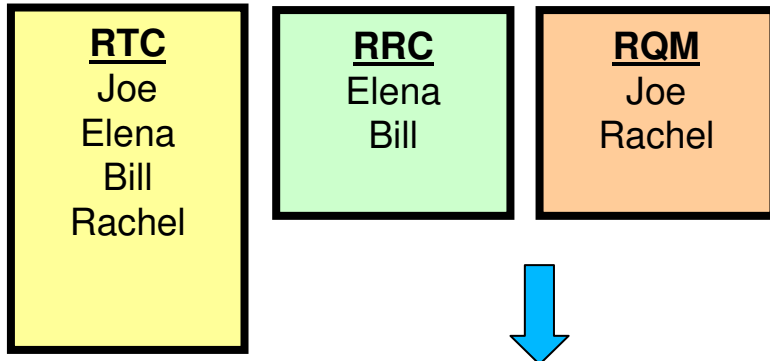


c) Multiple products deployed into multiple application servers for increased scalability, shared JTS

Easier to Administer: User Management

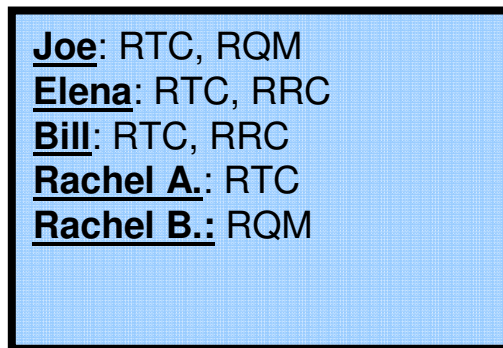
Reduce Cost of Ownership & Administration

- A single user account across all Jazz tools *and*
- A single admin UI for modifying those accounts
- From this level of uncertainty:



- Is that the same Bill on RTC and RRC?
- Does Joe have all the rights he should?
- Are there two different Rachels?

- To this level of clarity:



- Bill has access to RTC and RRC
- Joe has rights to RTC and RQM
- There are two different Rachels, Rachel A. and Rachel B.

Easier to Learn – Sample Application

Reduce Cost of Ownership & Administration

Rational Jazz Team Server
Lifecycle Project Administration
Projects Members Templates **Sample** Configuration

Welcome to the Money that Matters sample

Create sample project
This sample provides an in-flight perspective of the collaborations that occur on a typical Agile team. Walk through an iteration with the team as they deliver a new feature to support an important corporate initiative called Money that Matters. To learn more about the Money that Matters sample, check out the 'Find out more' section.

Please select the applications to install the sample in:

- Requirement Server (<https://wb.clm.com:9443/rm>)
- Quality Management (<https://wb.clm.com:9443/qm>)
- Change and Configuration Management (<https://wb.clm.com:9443/ccm>)

We strongly recommend that you deploy the sample project to a test server or your local host, not a production server.

Create

Rational Jazz Team Server
Lifecycle Project Administration
Projects Members Templates Sample Configuration

Welcome to the Money that Matters sample

Please wait while we create the Money that Matters sample for you...

Sample creation in progress... (7% complete)

- ✓ Running pre-validation checks
- ➔ **Creating users** ...
 - Initializing cross application communication
 - Creating project area 'JKE Business Recovery Matters (Requirements)' in Requirement Server
 - Creating project area 'JKE Banking (Development)' in Change and Configuration

Rational Jazz Team Server
Lifecycle Project Administration
Projects Members Templates Sample Configuration

Welcome to the Money that Matters sample

✓ You have successfully created the sample.

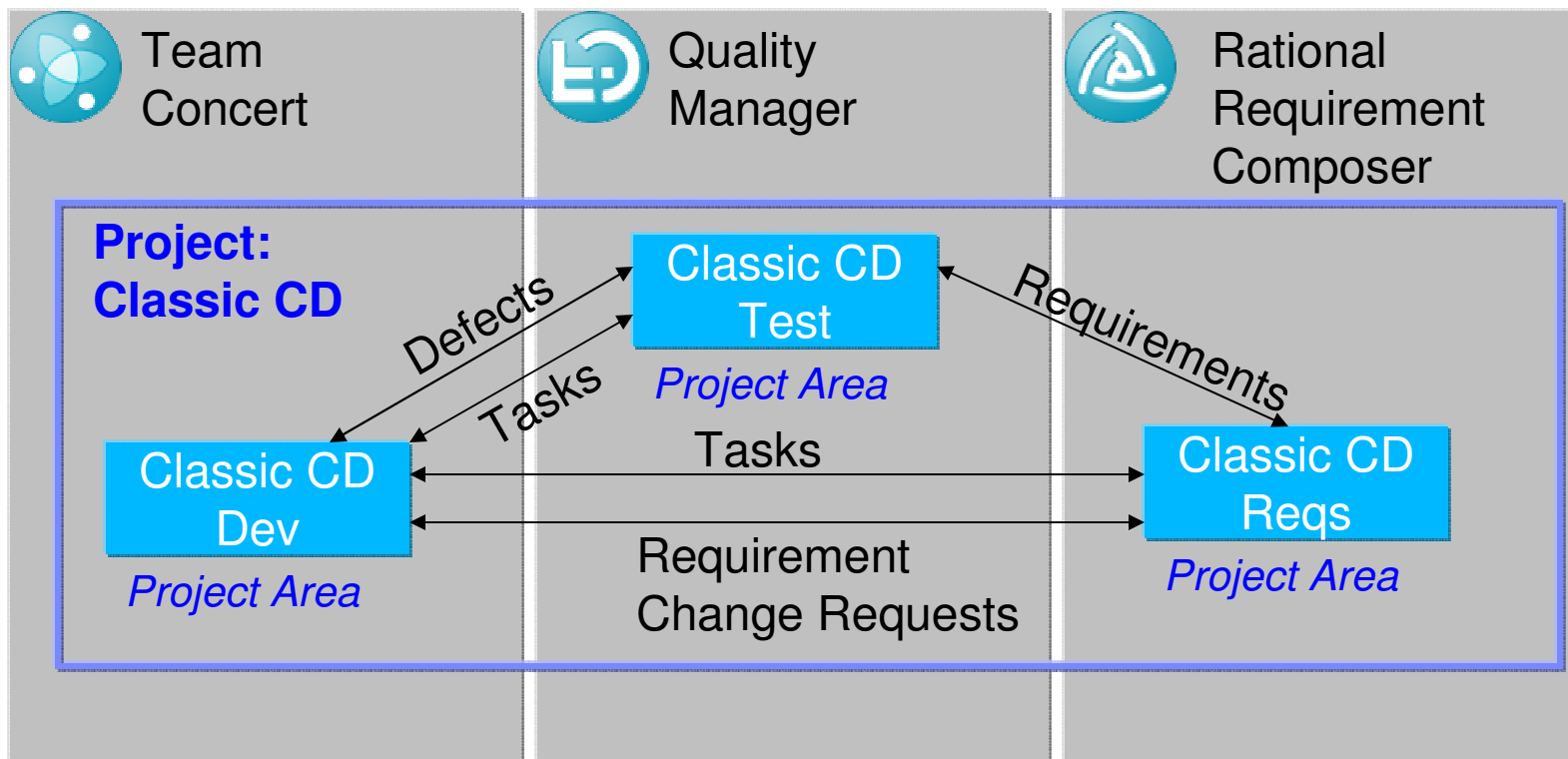
Select one of the following projects to explore:

- Quality Management** (<https://wb.clm.com:9443/qm>)
 - Explore JKE Banking project
 - Manage project
- Requirement Server** (<https://wb.clm.com:9443/rm>)
 - Explore JKE Banking project
 - Manage project
- Change and Configuration Management** (<https://wb.clm.com:9443/ccm>)
 - Explore JKE Banking project
 - Manage project

CLM Integrations

Improve Productivity

Collaborative lifecycle management coordinates people, processes, and information in an iterative cycle of software and systems delivery

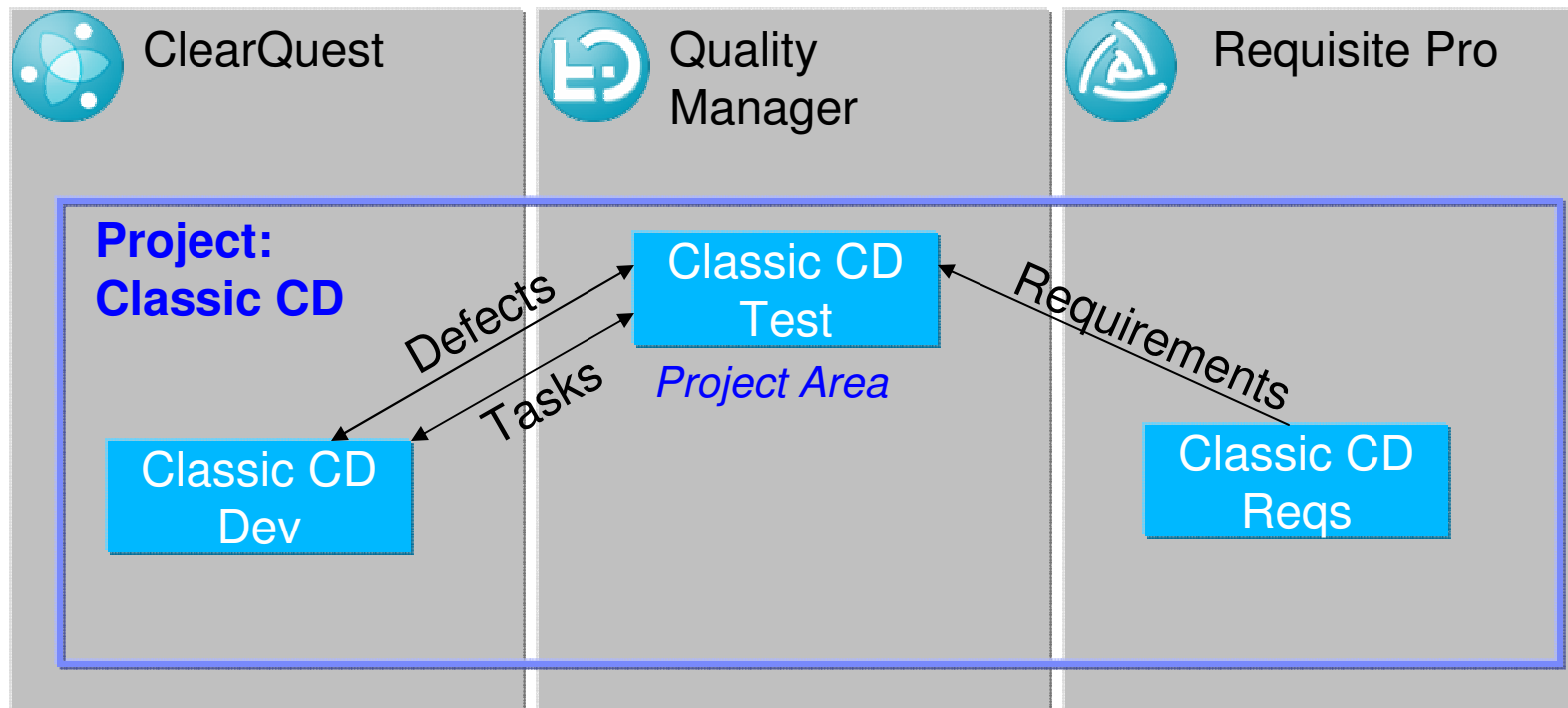


CLM Integrations

Improve Productivity

Significant improvements in ReqPro and ClearQuest integrations

- Support for ReqPro Views and Packages
- Automatic reconciliation of Requirements and Test Cases
- Bi-directional links with ClearQuest
- Rich Hovers for ClearQuest artifacts



Common Banners and navigation

Admin Menu visible in user sessions
User Preference Menu

The screenshot shows the IBM Rational Quality Manager web application interface. At the top, there is a navigation bar with tabs for Requirements, Planning, Construction, Lab Management, and Builds. A user profile for VAIBHAV SRIVASTAVA is visible in the top right. A 'Project Explorer menu' callout points to the left-hand navigation pane. A 'Mini Dashboard' callout points to a floating window on the left containing 'Automation Status' and 'My Projects (13)'. An 'Admin Menu' callout points to a dropdown menu on the right side of the page, which includes options like 'Manage Project Properties', 'Application Administration', 'Manage This Project Area', 'Manage Application', 'Manage Users', 'Manage Project Areas', 'Manage Templates', 'Manage Reports', 'Jazz Team Server Administration', 'Create Lifecycle Project', 'Manage Lifecycle Projects', and 'Jazz Team Server Home'. The main content area shows an 'Execution tracking' view with a table of test runs.

Project Explorer menu

Mini Dashboard can be opened on demand. Useful for quick view from any page

Admin Menu visible in user sessions
User Preference Menu

Robust Requirement Integrations

Rational Quality Manager now leverages common requirements support for defining test requirements. This allows customers to use a single requirement systems for their collaborative lifecycle management solution and seamlessly upgrade to Rational Requirements Composer.

The screenshot displays the Rational Requirements Composer web application interface. On the left is a navigation sidebar with icons for Requirements, Planning, Construction, Lab Management, Builds, Execution, Reports, and Defects. The main content area is titled 'Classic CD (Requirements) (cim.ibm.com:9443)' and features a 'Create new Requirement or Requirement collection' button. Below this, there is a 'View Requirements' section with a large yellow circle icon and descriptive text about organizing requirements. A 'My Tasks' window is visible at the bottom left. On the right, a 'Classic CD (Requirements)' dashboard is shown, including a 'Create Requirement' dropdown menu with options like 'Filter by Tag' and 'Filter by Attribute'. Below the dashboard is a 'View All Artifacts' table listing various requirements and test plan collections.

ID	Name	Artifact Type	Last Modified
1	Add CD to Cart	Requirement	john
2	Remove CD from Cart	Requirement	john
3	Update CD in Cart	Requirement	john
4	Add CD to Catalog	Requirement	john
5	Remove CD from Catalog	Requirement	john
6	Update CD in Catalog	Requirement	john
7	Classic CD V3.1	Test Plan Collection	john
8	Classic CD V3.2	Test Plan Collection	john

Common work item support

Rational Quality Manager now leverages common workitem support for its out of the box defects and task quality work items. This allows customers to use a single work item repository for both Rational Quality Manager, Rational Team Concert, Rational Requirement Composer users. The My Task viewlet in the dashboard is also updated to display remote tasks stored in the task provider.

Name	Description
▼ Predefined (24)	
Blocked Work Items	
Closed created by me	Work items I have created which have been resolved
Closed subscribed by me	My subscriptions to resolved work items
My current work	Work Items in progress and assigned to me
New unassigned	New work items without an owner in my team areas
Open Adoptions	
Open assigned to me	Work items I own which are open or in progress
Open assigned to me (current sprint)	To do list for the current sprint
Open created by me	Work items I have created which are open or in progress
Open Epics	
Open Impediments	
Open Stories	
Open subscribed by me	My subscriptions to open or in progress work items
Open Track Build Items	All unresolved Track Build Items

Custom attributes on test artifacts

Users can now define custom attributes on various artifact types, including test plans, test cases, test scripts, test suites, test case results, and test suite results.

The screenshot displays the 'Test Plan 1' configuration page in the IBM Rational Test Manager. The interface includes a navigation sidebar on the left with sections like 'Table Of Contents', 'Summary', 'Business Objectives', etc. The main content area shows the test plan details, including originator, owner, action, and state. A 'Summary' section provides an overview and categories for the test plan. A red box highlights the 'Attributes' section, which contains three custom attributes: 'My Date/Time Attribute' (set to Aug 12, 2010, 3:15 PM), 'My Integer Attribute' (set to 3), and 'My String Attribute' (set to 'Hi my name is').

Organization of large number of Assets (aka folders)

- For large number of Test Assets users need to easily organize assets and display in a hierarchical visual manner.
 - ▶ Demanded by both IT and Systems accounts
 - ▶ Dynamic rendering of assets in user definable folder style relationships
 - ▶ Looks and feels like folders while maintaining total reuse capabilities
 - E.g. same test case can belong to 1..m Test Plans
 - ▶ Users can define relationships between folders (dependent pick lists)
 - ▶ Required attributes provided

The explorer panel is opened to show the folder hierarchy. Selecting a tree node drives our list view to show only the artifacts live in that folder. This is the 'general' mode of the explorer.

ID	Risk	Name	State	Owner
1	○○○○○	TP 1	Draft	Unassigned
2	○○○○○	TP 2	Draft	Unassigned

An artifact can be opened to show more detailed relationships. Each of these sub-artifact folders can be selected. And they would drive the detail content list to the right.

ID	Risk	Name	State	Owner	Prod
1	○○○○○	TP 1	Draft	Unassigned	Unas
2	○○○○○	TP 2	Draft	Unassigned	Unas

Saved filters in the Table listing view

The filters in the Table listing view can be saved as queries and retrieved at a later time.

The screenshot shows the 'View Test Plans' interface. At the top, there are tabs for 'Dashboards' and 'View Test Plans'. Below the tabs, the title 'View Test Plans' is displayed. The interface includes a 'Group by' dropdown set to 'Ungrouped' and a 'View as' dropdown set to 'Table'. A 'Manage Queries' button is visible. A search bar labeled 'Type Filter Text' is present. Below the search bar, there are several filter dropdowns for 'Risk' (set to 'Any'), 'State' (set to 'Any'), and 'Owner' (set to 'Any'). A 'Run' button is located to the right of these filters. A table of test plans is displayed below the filters, with columns for ID, Risk, Name, State, Owner, Product, Release, Test Phase, and Modified. The table contains three rows of data. A 'Saved query selector' dropdown is located below the table, currently showing 'No query selected'. A 'Slider sash to hide/show filters section' is also visible. Red arrows point from callout boxes to the 'Manage Queries' button, the 'Run' button, the 'Saved query selector', and the slider sash.

ID	Risk	Name	State	Owner	Product	Release	Test Phase	Modified
1	○○○○○	My Test Plan 1	Draft	ADMIN	Unassigned	Unassigned	Unassigned	Yesterday...
2	○○○○○	Another Test Plan	Draft	Unassigned	Unassigned	Unassigned	Unassigned	2 minute...
3	○○○○○	TP 02	Draft	Unassigned	Unassigned	Unassigned	Unassigned	1 minute ...

Offline manual test execution

Users can run manual tests in offline mode. Users can initiate this by going to the Test Execution Record (TER) table, selecting a TER, and clicking Run Offline.

View Test Execution Records ?

Group by: Ungrouped ▼ Type Filter Text

Show All ▼ Items per page « Previous | 1 | Next »

<input type="checkbox"/>	Name	Risk	Test Case	Test Environment	Test Plan	Test Milestone	Owner	Test Script	Blocking Status	Run
<input type="checkbox"/>	ClassicsC...	○○○○○	OrderCD...	Unassign...	Classics Te...	Unassi...	Unassign...	Classics CD OrderFor		
<input checked="" type="checkbox"/>	Innovate-I...	○○○○○	Innovate...	Unassign...	Unassigned	Unassi...	Unassign...	InnovateLogo Test		2 hours ... 8 min...
<input type="checkbox"/>	Login to G...	○○○○○	Login to...	Unassign...	Unassigned	Unassi...	ADMIN	Login TestSript		2 hours ... 2 hou...

Run
Resume Execution
Create Result without Execution
Run Offline

Improve cross-product visibility and reporting

Includes a common data warehouse for cross-product reporting across the Jazz based products for both “in the box” and customized reporting.

Requirement	Test Plan	Test Case	TER	TER Result	Defect	Defect State
Add CD to Cart	Classic CD V3.1	Add CD to Cart	Add CD to Cart_windows 2003_DB 2	Failed	Failing Test Case "Add CD to Cart" when executing Test Execution Record "Add CD to Cart_windows 2003_DB 2"	New
			Checkout	Checkout_windows 2003_DB 2	Failed	Failing Test Case "Checkout" when executing Test Execution Record "Checkout_windows New 2003_DB 2"
Order Status	Classic CD V3.1	Order Status	Order Status_windows 2003_Oracle 10g	Passed		
			Remove CD from Cart	Remove CD from Cart_windows 2003_SQL server 2005	Failed	Failing Test Case "Remove CD from Cart" when executing Test Execution Record "Remove CD from Cart_windows 2003_SQL server ..."
					Failing Test Case "Remove CD from Cart" when executing Test Execution Record "Remove CD from Cart_windows 2003_SQL server ..."	New

Test suite enhancements

A number of new management capabilities have been added to test suites to bring them in line with test plans and test cases. Test suites now support templates, formal review, and sections.

The screenshot shows a web-based interface for managing a 'CD test suite'. The top navigation bar includes 'Dashboards', 'View Test Suites', and 'CD test suite'. A sidebar on the left, titled 'Manage Sections', lists various sections: Summary, Test Suite Design, Formal Review, Pre-Condition, Post-Condition, Expected Results, Requirements, Requirement Links, Risk Assessment, Test Cases, Suite Execution Record, and Attachments. There is also a checkbox for 'Show All Sections'. The main content area displays the 'CD test suite' details, including the originator (qmuser), owner (qmuser), action (Select Action), and state (Under Review). The description is 'CD Test Suite'. Below this is a 'Summary' section with a 'Work Item: Create' link. The summary text reads: 'Use the theme, category and function features to group your test suites along related items or logical groupings.' Underneath, there are four dropdown menus for 'Categories', 'Category' (set to FVT), 'Function' (set to Login), 'Test Phase' (set to Developer Test), and 'Theme' (set to Base function). The interface also features 'Discard Changes' and 'Save' buttons, and a confirmation message: 'Saved successfully at: 13:38:30'.

Repeatable Execution Schedules

- Execution Schedules are now repeatable (daily, weekly).

Weekly on Sat and Wed Execution Schedule

Originator: qmuser Owner: qmuser

Description: two times a week

Overview

Schedule an execution based on:

Date and time:

Start Date: Jun 2, 2011 10:59 AM

Repeats Every: Wednesday, Saturday

Repeat Until: Jun 30, 2011

Next Scheduled: Weekly

Build completion:

Select Build Definition: RQM 304 v4

Start execution schedule based on build status: Success (OK)

Not Scheduled Yet

Test Cell: Select Test Cell: 603

Callouts:

- Schedule By Date for Onetime or Daily or selected days in the week** (points to frequency dropdown)
- Schedule on build Completion** (points to Build completion radio button)
- Dont schedule now, I will do later** (points to Not Scheduled Yet radio button)

History view

A new history view in the test plan and test case editors allows you to see audit history.



Classics CD testplan

[Test Plan Overview](#) | [View Snapshots](#) | [View History](#)

Items per page

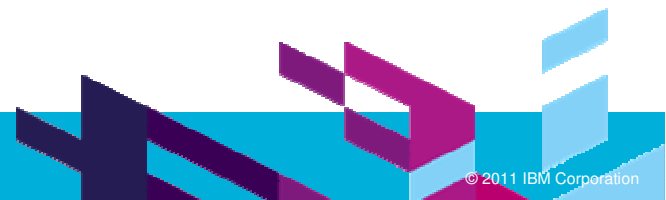
[Previous](#) | [Page 1 of 1](#) | [Next](#)

Modified date:	6/3/10 3:51 PM
Modified by:	qmuser
Description	This is a testplan for classics CD
Modified date:	6/3/10 3:51 PM
Modified by:	qmuser
Name	Classics CD testplan
State	Draft
Template	Default Test Plan Template

QUESTIONS



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