



IBM Rational Software Conference 2009
As Real as It Gets!



IBM® Rational® Quality Manager in a Globally Distributed World

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Rational. software

IBM® Rational® Quality Manager in a Globally Distributed World - QM12

Abbreviations

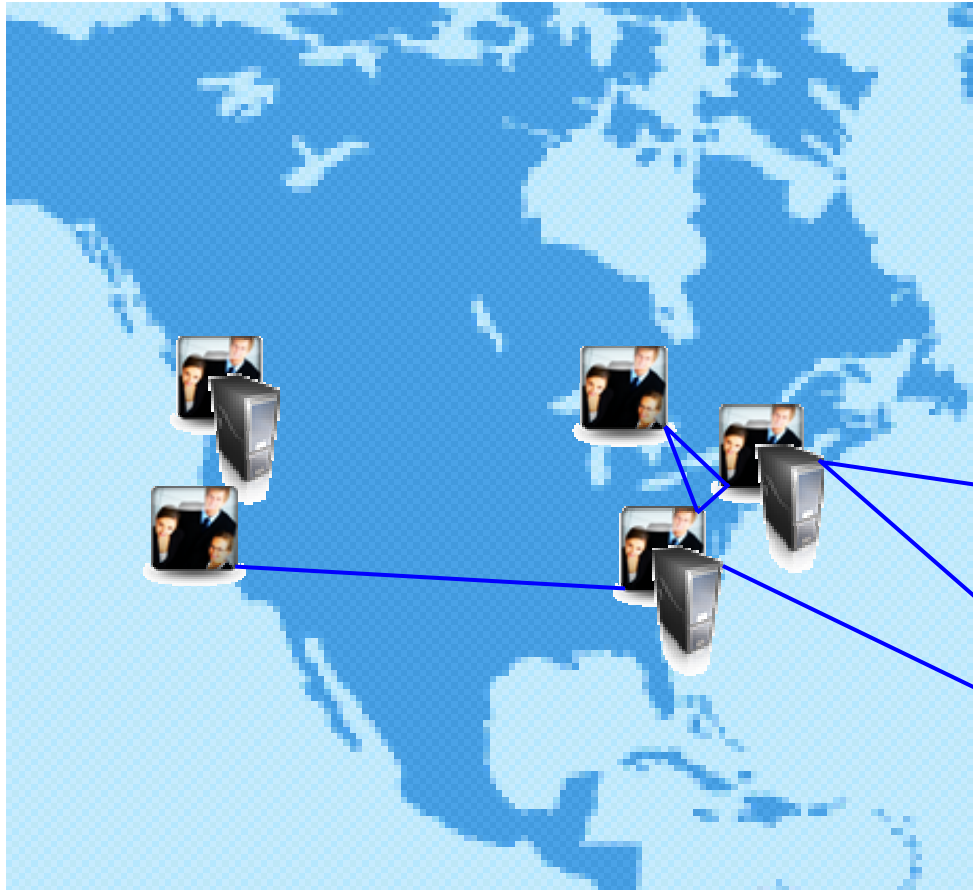
- System and Integration Verification Test (SVT)
- IBM® Rational® Quality Manager (RQM)



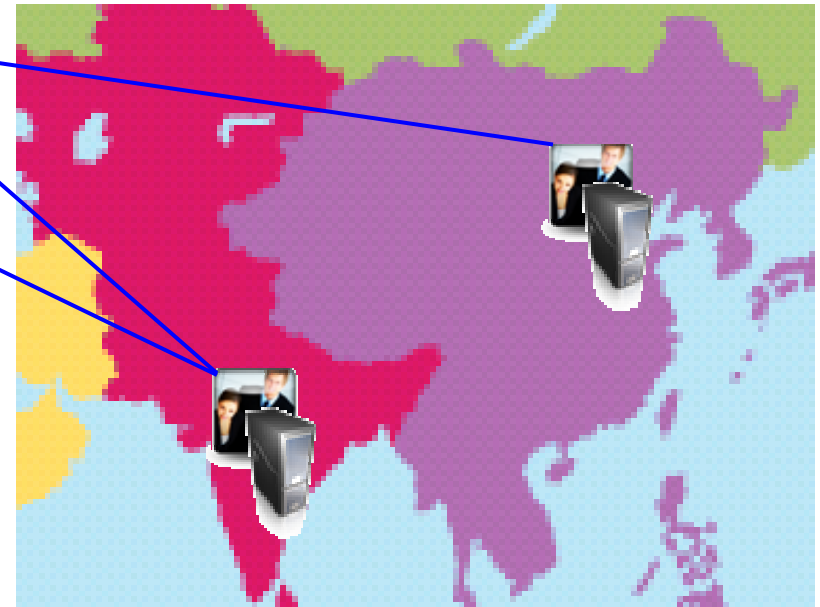
Agenda

- Case Study: IBM® Rational® SVT's Global Deployment of RQM
- Deployment Recommendations for Distributed Teams
- Tips for Tweaking User Response
- RQM Features Leveraged for Global Teams
 - ▶ Access and Administration
 - Thin Web-Based Client
 - Centralized Administration
 - ▶ Communication and Collaboration
 - Work Items
 - Duplicate Defect Detection
 - Templates
 - Related Sites
 - Risk Assessment

IBM® Rational® SVT's Global Deployment of RQM



- 180+ Users
- 4 countries
- 7 locations, 8 sites
- 10 servers
- 16 products
- 2000+ Assets



IBM® Rational® SVT's Global Deployment of RQM



Intentionally Heterogeneous

- Mixed Teams
(Development, Test, User Assistance)
- Single and Multi-Project Servers
- Remote Users
- VPN Users
- Different Test Focuses
(Performance, Integration, Benchmarking, etc.)

Becoming Homogenous

Migrated Data

- ClearQuest Test Management (CQTM), Rational Manual Tester, Excel, Notes Based

Highly Integrated

- Rational Build Forge, Rational Requisite Pro, Rational Team Concert, Rational ClearQuest

Test Tooling

- Rational Functional Tester, Rational Performance Tester, homegrown tools



Global Questions, RQM Answers

- How should I deploy RQM if I have a(n)...
 - ▶ ...small remote team?
 - ▶ ...large remote team?
 - ▶ ...outsourced remote team?
- How do I ensure that my remote user have good client responsiveness?

Answer: Design deployment based on bandwidth need and tweak user response.



Recommended Topologies – Assumptions

It is all about the pipe: bandwidth and latency



Bandwidth greater than 1.5Mbps



Latency less than 250ms

Recommended Topologies – Assumptions

Four factors matter most:

- Number of Active Users
- Number of Assets
- Size of Assets
- Organization of Assets

Assuming average asset size and asset counts linear with team size, recommended bandwidth based on experience (not measured performance) for RQM 1.0.1*:

Bandwidth	Number of Active Users
1.5Mbps	10
3Mbps	50
10Mbps	100
100Mbps	250

*Your mileage may vary.

Top Countries by Download Speed

1. Korea, Republic of	18.37 Mb/s
2. Japan	15.65 Mb/s
3. Aland Islands	14.37 Mb/s
4. Sweden	12.00 Mb/s
5. Lithuania	11.67 Mb/s
6. Romania	10.75 Mb/s
7. Latvia	10.63 Mb/s
8. Bulgaria	9.93 Mb/s
9. Netherlands	9.30 Mb/s
10. Germany	7.75 Mb/s
11. Slovakia	7.56 Mb/s
12. Switzerland	7.39 Mb/s
13. Russian Federation	7.36 Mb/s
14. Moldova, Republic of	7.32 Mb/s
24. United States	6.37 Mb/s

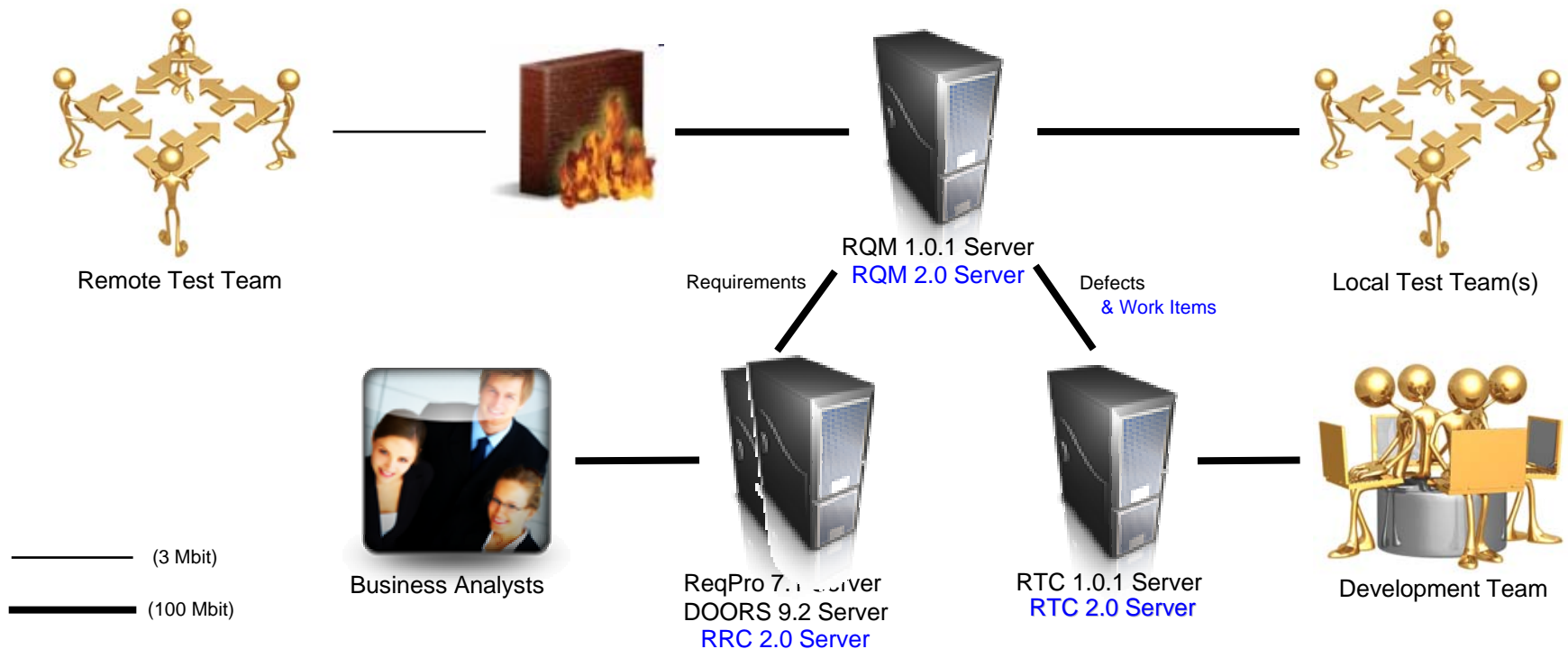
Top Countries by Upload Speed

1. Lithuania	8.21 Mb/s
2. Japan	7.22 Mb/s
3. Aland Islands	4.85 Mb/s
4. Bulgaria	4.70 Mb/s
5. Romania	4.43 Mb/s
6. Russian Federation	4.24 Mb/s
7. Sweden	4.21 Mb/s
8. Latvia	4.11 Mb/s
9. Slovenia	3.89 Mb/s
10. Hong Kong	3.36 Mb/s
11. Andorra	3.31 Mb/s
12. Moldova, Republic of	3.22 Mb/s
13. Korea, Republic of	2.83 Mb/s
14. Netherlands	2.80 Mb/s
28. United States	1.38 Mb/s

Recommended Topologies – Small Remote Team

Criteria (RQM 1.0.1):

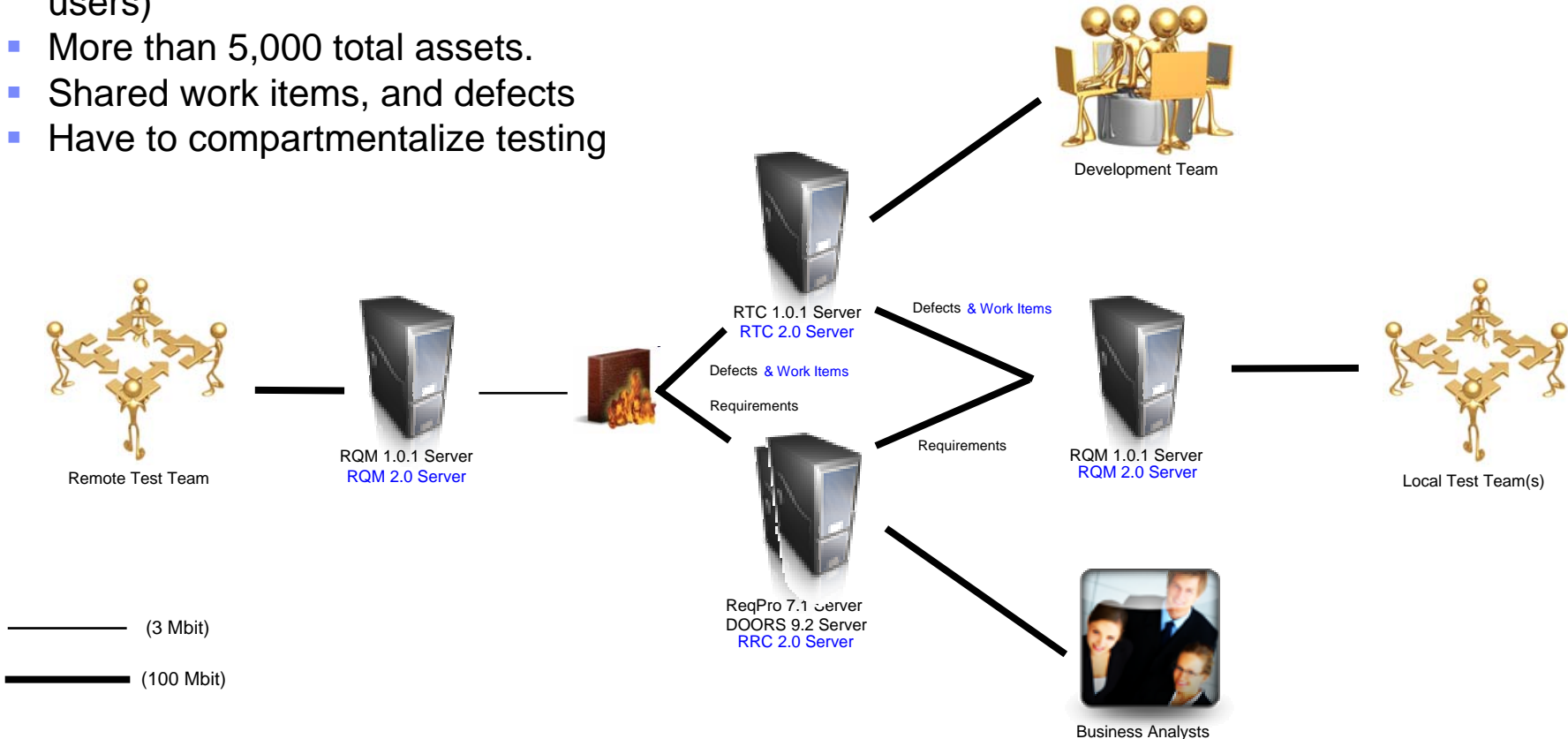
- Large local team (between 100-200 users)
- Small remote team (less than 50 users)
- Less than 5,000 total assets.
- Shared projects, work items, and defects



Recommended Topologies – Large Remote Team

Criteria (RQM 1.0.1):

- Large local team (between 100-150 users)
- Large remote team (between 100-150 users)
- More than 5,000 total assets.
- Shared work items, and defects
- Have to compartmentalize testing



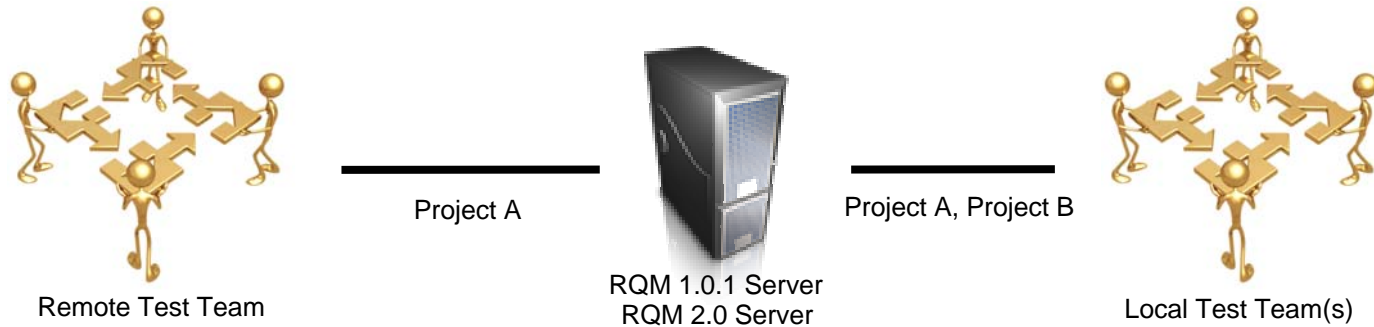
Recommended Topologies – Outsourced Team

Criteria

- Need to monitor remote team's progress
- Limit visibility of projects to local teams
- Restrict actions of remote team.
- Teams can be varied in size

Recommendation:

- Apply remote team size recommendation
- Use multiple projects for isolation
 - ▶ Remote test team has project that local test users can access and monitor.
 - ▶ Local users have own isolated project.
- Leverage action based permissions



Remote Users – Tweaking User Response

RQM 1.0.1 – Asset Throttling

- Enables linear response for increasing data loads. Limits what you see in list views.
- In the Global task bar, Admin → System Properties. Select Artifact Options.

Artifact Options

Artifact Options

Type Filter Text

Show All Items per page Previous | 1 - 5 of 5 | Next

Name	Enable Locking	Search Warning Threshold
Test Plan	<input checked="" type="checkbox"/>	<input type="text" value="100"/>
Test Case	<input checked="" type="checkbox"/>	<input type="text" value="250"/>
Test Script	<input checked="" type="checkbox"/>	<input type="text" value="250"/>
Test Execution Record	<input type="checkbox"/>	<input type="text" value="250"/>
Execution Result	<input type="checkbox"/>	<input type="text" value="250"/>

Previous | 1 - 5 of 5 | Next

- Keep “Search Warning Threshold” small. Default is 1000.

Remote Users – Tweaking User Response

Leverage Categories....

System Properties Administration

Test Case Categories

Category	Owner
Geography	Owner
Bangalore, India	Justin J. Kutticherry
Beijing, China	Tony
Raleigh, NC	Peter Sun

...and the View Builder....

View Builder

Search by any of the following attributes, or see more:

My test cases only

Name:

Originator:

State:

Group by:

10 Items per page

ID Risk(Calculated) Suspect Name

Add and Close Add

Geography Weight Modified

...to reduce traffic to clients of each geography.

View Test Cases

View Builder

Search by any of the following attributes, or see more:

Group by:

10 Items per page

Previous | 1 - 10 of 26 | Next

ID	Risk(Calculated)	Suspect	Name	State	Geography	Weight	Modified
1	00000	◇	RQM - RPT Integration	Approved	Raleigh, NC	300	22 minute...
2	00000	◇	RQM - RFT Integration	Approved	Raleigh, NC	240	4 minutes...
3	00000	◇	RQM - Robot Integration	Approved	Raleigh, NC	160	4 minutes...
4	00000	◇	RQM - ReqPro Integration	Approved	Raleigh, NC	445	4 minutes...
5	00000	◇	RQM - RTC Co-Existence	Approved	Raleigh, NC	2200	10 minute...
6	00000	◇	RQM Availability (7 Day)	Under Review	Beijing, China	550	4 minutes...
7	00000	◇	RQM Availability (14 Day)	Under Review	Beijing, China	740	4 minutes...
8	00000	◇	RQM Availability (21 Day)	Under Review	Beijing, China	990	4 minutes...
9	00000	◇	RQM - RRC Integration	Approved	Raleigh, NC	1760	10 minute...
10	00000	◇	RQM User Load Test (50 Us...	Under Review	Beijing, China	1250	4 minutes...

Previous | 1 - 10 of 26 | Next

View Test Cases

View Builder

Search by any of the following attributes, or see more:

My test cases only

Name:

Originator:

State:

Geography:

Group by:

Show All Items per page

Previous | 1 - 4 of 4 | Next

ID	Risk(Calculated)	Suspect	Name	State	Geography	Weight	Modified
6	00000	◇	RQM Availability (7 Day)	Under Review	Beijing, China	550	15 minu...
7	00000	◇	RQM Availability (14 Day)	Under Review	Beijing, China	740	15 minu...
8	00000	◇	RQM Availability (21 Day)	Under Review	Beijing, China	990	15 minu...
10	00000	◇	RQM User Load Test (50 Us...	Under Review	Beijing, China	1250	15 minu...

Previous | 1 - 4 of 4 | Next



Remote Users – Tweaking User Response



RQM 2.0 – New Views and Performance Optimizations

- Dynamic loading Tree and Explorer Views.
- Allows filtering by test plan on top of throttling and View Builder.

Dashboards View Test Plans

View Test Plans ?

View Builder
Search by any of the following attributes, or see more:

Group by: Release View as: Tree Rational

Quality Manager

- 2.0
 - 2.0.1
 - Rational Quality Manager v2.0.1
 - Test Cases
 - Customizing Reports
 - Test Scripts
 - Requirements
 - FEAT3
 - FEAT4
 - Test Execution Records
 - Team organization changes
 - Lab Management
 - Migrate RMT
 - Working with test plans
 - Working with test cases
 - Migrate RTM
 - Export test assets
 - Migrate CQTM
 - Import test assets
 - Requirements

- 8.0
- Rational Performance Tester v8.0
- Rational Functional Tester v8.0

Dashboards View Test Plans

View Test Plans ?

View Builder
Search by any of the following attributes, or see more:

Group by: Release View as: Explorer Rational

Previous Next

Quality Manager	2.0.1	Rational Quality Manager v2.0.1	Test Cases
<ul style="list-style-type: none"> 2.0 2.0.1 8.0 	<ul style="list-style-type: none"> Rational Quality Manager... 	<ul style="list-style-type: none"> Test Cases Requirements 	<ul style="list-style-type: none"> Customizing Reports Team organization changes Lab Management Migrate RMT Working with test plans Working with test cases Migrate RTM Export test assets Migrate CQTM Import test assets



Global Questions, RQM Answers

- How do I enable teams to test anywhere while keeping administration centralized?
- How can I eliminate the need to have administrators at each site?
- How do I control what each team is capable of doing?

Answer: RQM's thin web-based client and web-based administration.



Thin Web-Based Client

RQM's thin client is perfect for global teams who...

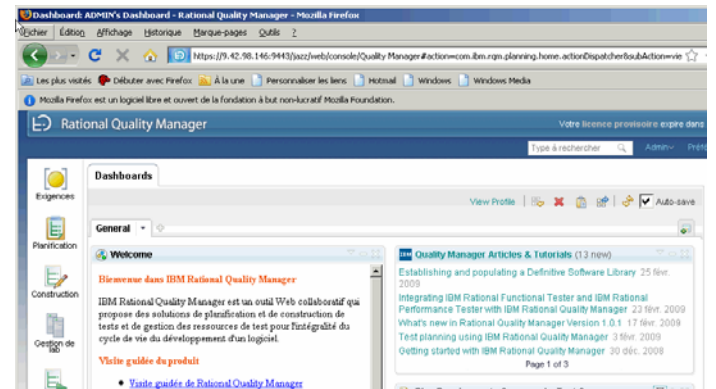
- ...need localized clients for major languages.
- ...want to have robust testing capability everywhere without having to administer a quality management solution everywhere.



RQM Server
(Chinese)

RQM Client
(Japanese)

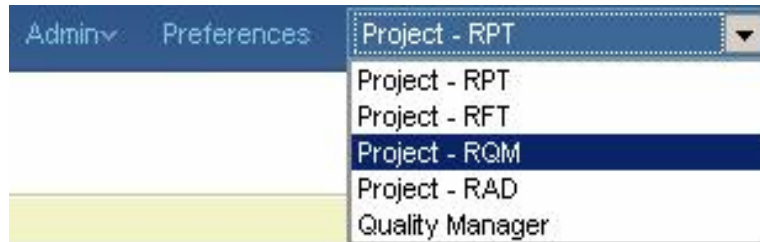
RQM Client
(French)



Centralized Web-Based Administration

RQM's centralized administrative capabilities allow administrators of globally distributed teams to...

- ...have centralized set of user controls for multiple projects.
 - ▶ Allows quick project switching on the same server



- ...have one user database for multiple servers using LDAP.
 - ▶ Allows different RQM instances to have single user administration.
 - ▶ Combined with quick project switching, one username and one password gives access to all
 - ▶ Look in Admin → Jazz Server Administration → Advanced Properties

Centralized Web-Based Administration

- ...have web access to nearly all RQM administrative functions.
 - ▶ Connector configuration now built into web administration functions



Rational Quality Manager

Your Trial License expires in 60 days | Peter Sun | Log Out

< Back to System Properties Type to Search Admin Preferences Quality Manager

Save

Advanced Properties

Hide properties set to default values
 Hide unchanged properties

AppScan Tester Edition Integration Component
 Edit Preview
 com.ibm.rqm.appscan.service.internal.DbService

Property	Current Value
Rational AppScan Tester Edition Service Account	domain\username
	Default Value
	domain\username
Rational AppScan Tester Edition URL	http://servername/ASE
	Default Value
	http://servername/ASE
SQL Server DB Name	ASE

ClearQuest Bridge
 Edit Preview
 com.ibm.rational.cm.web.proxy.service.RCMConfigService

Property	Current Value
ClearQuest Schema Repository	Default Value
ClearQuest User Database	Default Value
ClearQuest Web remote server	localhost
	Default Value
	localhost
HTTP Port	80
	Default Value
	80
HTTPS Port	443
	Default Value
	443

Property	Current Value	Default Value
Enable ClearQuest Bridge Webui	false	false
Is Full Text search enabled?	false	false
SSL enabled on ClearQuest Web remote server	false	false

com.ibm.team.repository.service.internal.RepositoryRemoteService
 Edit Preview

Property	Current Value
Public URI Root	https://justin-test.9443/jazz
	Default Value
	none

- ▶ Project and user administration fully available from the web.
- ▶ Only functions that require the Eclipse client is customization of asset forms.



Centralized Administration

- ...control permissions at project, role, user and action levels.
 - Lots of flexibility for permissions.
 - Users requiring full isolation should use separate project levels.

From Admin → Jazz Project Administration

Quality Manager

Overview Roles Permissions Access Control

Details Preview

Timeline: [unknown to unknown] [Edit...](#)

Summary: Quality Manager

Description:

Process

Quality Manager Default Process

The default process for Rational Quality Manager.

Members Add...

Roles determine a user's permissions as well as any preconditions and follow-up actions that are run for project and team operations. The roles assignments below are also valid in all the project's team areas. Unless configured otherwise, all users in the repository play the 'default' role.

Name	Process Roles
Abner Jonassaint	tester
Anne Burke	testlead
Babu Suresh	architect
Justin J. Kuttichery	tester
Peter Sun	testmanager

Quality Manager

Overview Roles Permissions Access Control

Roles

Each project area and each team area can define a set of roles. The defined roles are visible in the area where they're declared and in all child areas. Roles defined in the project area can be assigned to users for the whole project area or they can be assigned in any team area. Roles defined in a team area can similarly be assigned in that team or in any child team. The ordering of roles in this section determines how they will be ordered in other sections of the editor, but it does not affect the process runtime.

Defined Roles	Role Details
architect	Identifier: architect
testlead	Name: architect
tester	Cardinality: <input type="radio"/> single <input checked="" type="radio"/> many
testmanager	Description: A test architect.
labmanager	

Quality Manager

Overview Roles **Permissions** Access Control

Configuration: Team

Roles:

- Everyone (default)
- architect
- testlead
- tester
- testmanager

Permitted Actions:

- Create Self-Service Reservations
- Perform Discovery
- Run and cancel discovery
- Save Automations
- Planning
 - Delete Plan
 - Save Plan
- Process
- Reports
- Source Control
- Test Management
- Work Items

Final (ignore customization of this operation in child team areas)

Explanation to show when permission denied:

Work item configuration data is used to configure advanced aspects of work items for this project.



Global Questions, RQM Answers

- Since my test teams are in different time zones, how can I leverage RQM to coordinate testing?
- How can I enforce test processes and policies across global teams without a lot of late night meetings and a flood of emails?
- How can people with diverse perspectives assess the importance of the testing we develop?

Answer: RQM's Communication and Collaboration Features



Work Items

Work items are the lifeblood of distributed teams.

- Use work items to break up large test tasks into manageable parts to be given to different users.
 - ▶ Summary task owner owns test case.
 - ▶ Sections are assigned to others.

Dashboards View Test Cases MT_Execution

Manage Sections

Table Of Contents

- Summary
- Test Case Design
- Formal Review
- Requirements
- Risk Assessment
- Pre-Condition
- Post-Condition
- Expected Results
- Test Scripts
- Test Execution Records
- Attachments
- Show All Sections

MT_Execution Test Case Overview | View Snapshots

Originator: Justin J. Kutticherry Action: Select Action State: Draft

Summary

Tester, Overall Owner → Work Item: Create

Use the theme, category and function features to group your test cases along related items or logical groupings. Weight is a measure of execution effort and can be based on tester hours, units of work, or priority.

Test Case Design

Test Architect → Work Item: Create

Define the overall design for the current test case. This can include any background setup information or topologies.

Formal Review

Work Item: Create

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

Requirements

Business Analyst → Work Item: Create

This section lists all of the content and requirements associated with a given test case. You can select existing requirements or define new items and this highlights the traceability of requirements to tests.

Risk Assessment

Work Item: Create

This section lists all of the content and risks associated with a given test case. In risk assessment, you can add mitigation actions or re-calculate the risk; in my risk, you can reset the risk ranking and add your comments.

Pre-Condition

Work Item: Create

Defines the items that must occur before you can begin executing this test case. For example, another test case might have to complete before you can begin this particular test case.

Work Items

- Use work items to hand off work to teams in different time zones.
 - ▶ Allows more complex testing
 - ▶ Great for performance testing
 - ▶ Builds awareness and skills globally

Hand off Process

1. A work item is created for all work.
2. When possible, work is associated to a test artifact in RQM to provide context.
3. At the end of the shift, if work is incomplete. The work item can be assigned to someone in another geography and shift.
4. Leverage dashboards, reports to find available cycles.
5. Repeat until the work item is resolved.

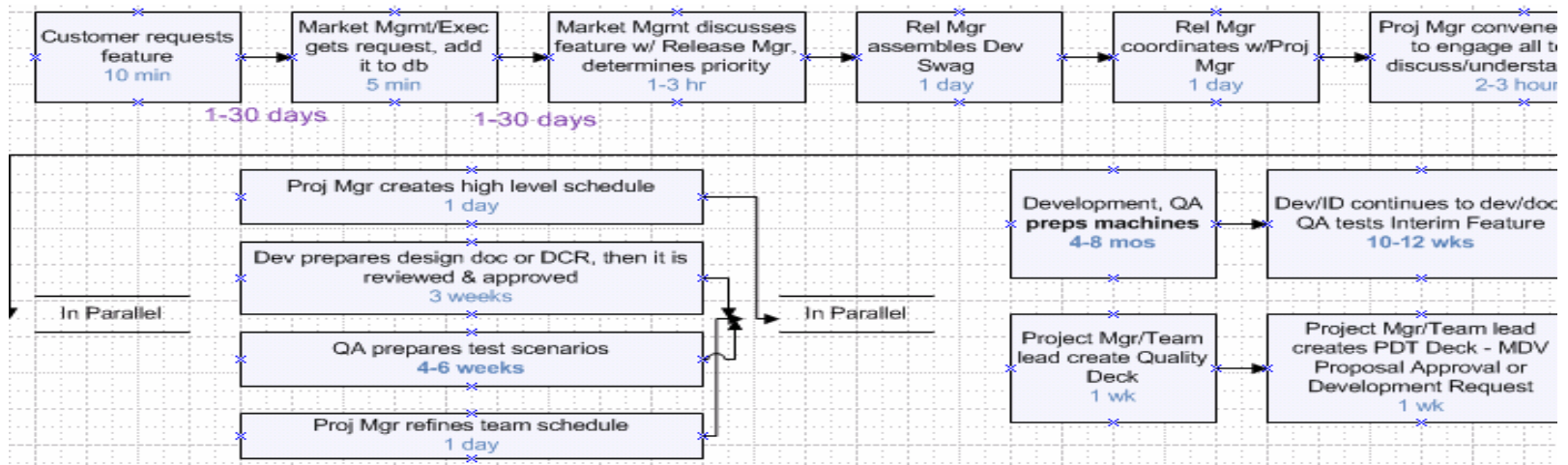
The image displays three sequential screenshots of the IBM Rational Quality Manager interface, illustrating the work item process:

- Top Screenshot:** Shows a 'Test Case Design' page with a 'Work Item: Create' link. A 'Create Work Item' dialog box is open, with the following details:
 - Summary: Complete the Test Case Design Section of Test Case: MT_Ex
 - Owned By: Babu Suresh
 - Due: Jun 4, 2009
- Middle Screenshot:** Shows the same 'Test Case Design' page, but the work item is now assigned to '23 (Babu Suresh)'. A 'Task-Quality 23 *' dialog box is open, showing:
 - Summary: Complete the Test Case Des → Resolved
 - Details:
 - Type: Task-Quality
 - Owned By: Justin J. Kutticherry
 - Creation Date: May 31, 2009 5:52 A.M.
 - Created By: Peter Sun
 - Project Area: Quality Manager
 - Team Area: Quality Manager Team
 - Filed Against: Quality Manager
 - Estimate: [] Correction: []
 - Due Date: Jun 3, 2009
 - Resolution Date: May 31, 2009 5:55 A.M.
 - Resolved By: Peter Sun
 - Description: Complete the Test Case Design Section of Test Case: MT_Execution
 - Discussion: No Comments. (A comment is visible: 'Did not have time to finish, can you complete for me Justin - Suresh')
- Bottom Screenshot:** Shows the 'Test Case Design' page with the work item assigned to '23 (Justin J. Kutticherry)'. The description text is visible: 'Define the overall design for the current test case. This can include any background setup information or topologies.'



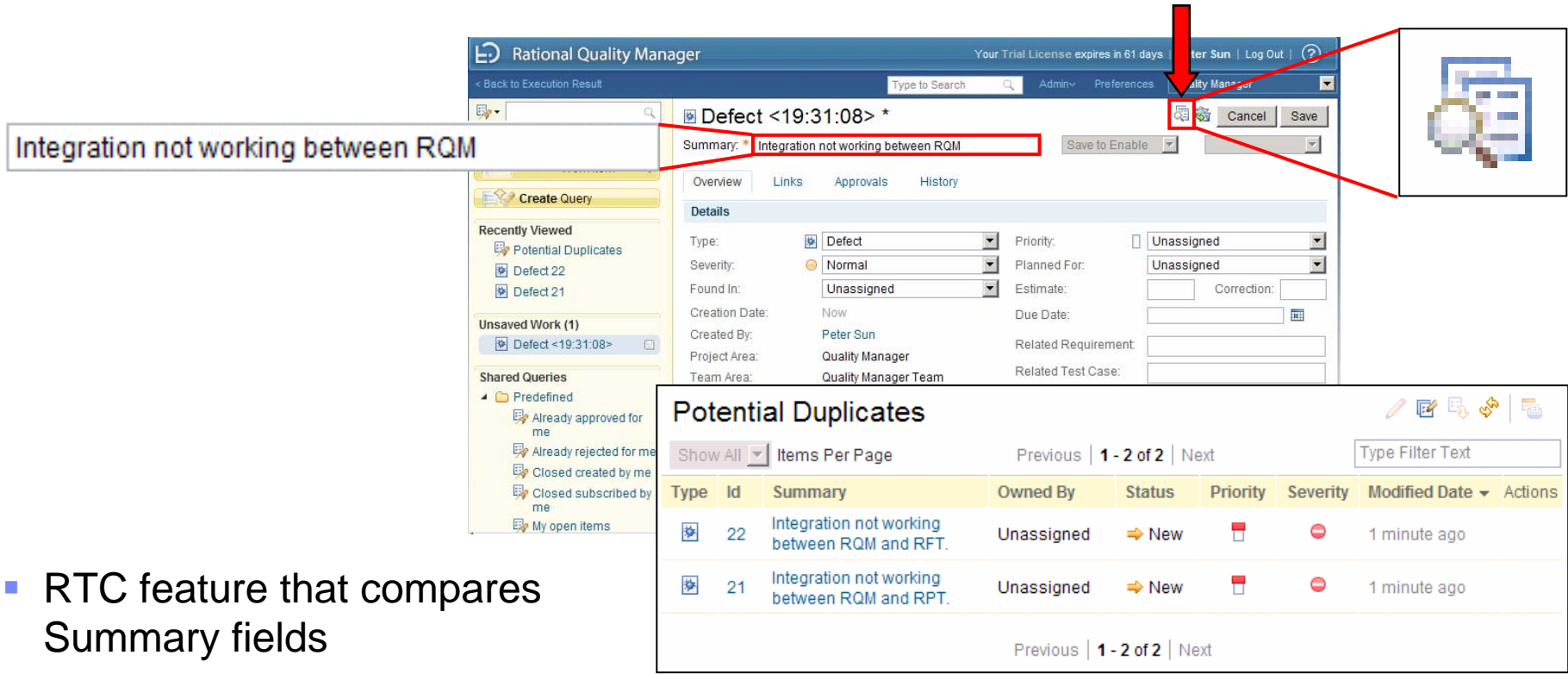
Work Items

- Use work items to improve and measure test efficiency.
 - ▶ Leverage work item fields to capture efficiency data.
 - State history
 - Estimate
 - Due Date
 - Correction
 - Time Spent
 - ▶ Apply Value Stream Mapping technique to work item data to identify inefficiencies.
 - ▶ New exercise but leading to interesting discussions already.



Duplicate Defect Detection

Global test teams have higher rates of defect duplication. Duplicate defect detection cuts down the cost of managing duplicate defects.



The screenshot shows the Rational Quality Manager interface. A defect titled "Defect <19:31:08> *" is selected, with a red box highlighting its summary: "Integration not working between RQM". A red arrow points from this summary to a "Potential Duplicates" table below. The table lists two other defects with the same summary: "Integration not working between RQM and RFT.".

Potential Duplicates

Type	Id	Summary	Owned By	Status	Priority	Severity	Modified Date	Actions
	22	Integration not working between RQM and RFT.	Unassigned	New	High	Critical	1 minute ago	
	21	Integration not working between RQM and RFT.	Unassigned	New	High	Critical	1 minute ago	

- RTC feature that compares Summary fields



Duplicate Defect Detection

- Related Defects panel appears for the following views:
 - ▶ View Test Execution Records
 - ▶ Script Execution
 - ▶ Execution Results
- Defect has back-link to Related Execution Result

Execution Result
Scriptless Result

Actual Result: **Passed**

Host Name: Local Computer
Owner: Abner Jonassaint

Test Milestone: Start Time: May 30, 2009 1:28:00 a.m.
End Time: May 30, 2009 1:28:00 a.m.
Total Run Time: 0 sec

Test Case: Export test assets

Test Script: Unassigned

Build: Unassigned

Weight: 100

Weight Distribution

Pass	86
Fail	14
Inconclusive	0
Blocked	0
Attempted	100

Related Defects
Defect 14

Related Sites

- [Process: Defect Report Guidance](#)
- [Process: Test Status Reporting](#)
- [Process: Review and Approval Pro](#)
- [Process: Checklist of SVT Activities](#)
- [Process: Test Run Results Check-](#)
- [Process: Consumability Test Proce](#)
- [Status: Radical Weekly Status](#)

Defect 14

Summary: * RMT Migration is broken

Overview | Links | Approvals | History

Attachments

Add File: Browse...

No Attachments.

Links

Add: Children

Affects Test Execution

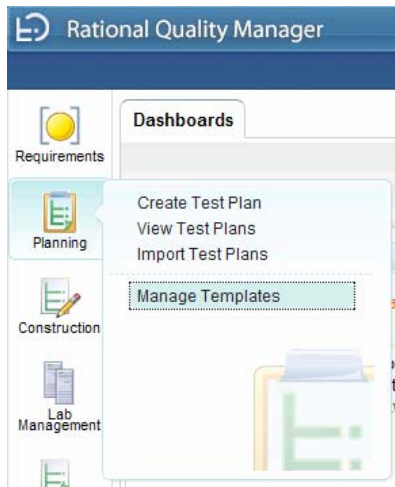
→ Related Execution Results: RMT Migration



Templates

Templates provide a foundation for coordination.

- Templates are an easy way to create enforceable test process
- Templates provide a framework for review.



The screenshot shows the Rational Quality Manager interface with the 'Templates' tab active. The 'All Templates' list is displayed, showing a table of templates with columns for Name, Description, Default, and Modifiable. The table is filtered to show 1 item out of 6.

Name	Description	Default	Modifiable
<input type="checkbox"/> Default Test Case Template	The default RQM content for a Test Case.	Yes	No
<input type="checkbox"/> Basic Test Case Template	Basic RQM content for a Test Case.		No
<input type="checkbox"/> Basic Test Plan Template	Basic RQM content for a Test Plan.		No
<input type="checkbox"/> Web Application Security Test Plan Template	Test Plan relating to web application security.		No
<input type="checkbox"/> Default Test Plan Template	The default RQM content for a Test Plan.	Yes	No
<input type="checkbox"/> Comprehensive - SVT Test Plan Template	Comprehensive - SVT Test Plan Template		Yes



Templates

- Templates provide a platform to give instructions in context.

The screenshot displays the Rational Quality Manager web interface. The main content area shows a test plan template titled "<Comprehensive - SVT Test Plan Template>". The interface includes a left-hand navigation menu with categories like Requirements, Planning, Construction, Lab Management, Execution, Reports, Defects, and Builds. The main content area is divided into sections: Introduction, 1.1 Revision History (with a table), and 1.2 Purpose of the Stage 1 Comprehensive-SVT Test Plan. The Introduction section contains the text: "Define the Introduction for this Test Plan." and a note: "<This section is required for stage 1 of the test plan.>". The Revision History table has the following structure:

Version	Date	Author	Change Description
[1]	[mm/dd/yyyy]	[name]	[Initial version]

The Purpose of the Stage 1 Comprehensive-SVT Test Plan section contains the text: "The purpose of this plan is to provide the reader with information on the requirements, test objectives, schedules, dependencies, and criteria for the planned test phases for the <xxxxxxx Vx.x> product release. Additionally, this plan will provide a description of planned SVT scenarios and scenario objectives, along with the planned SVT topologies."

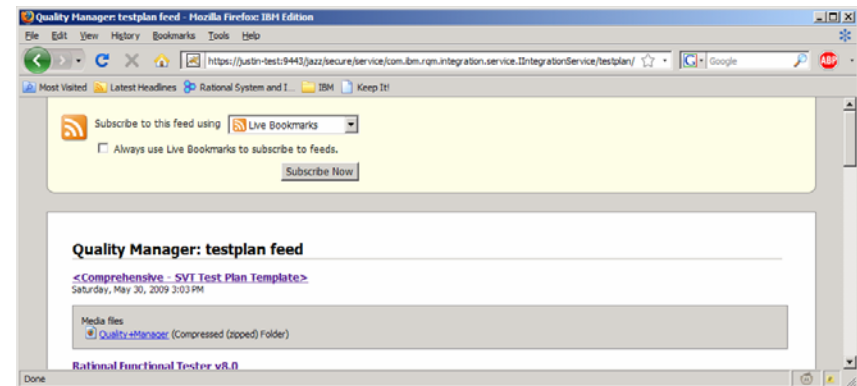
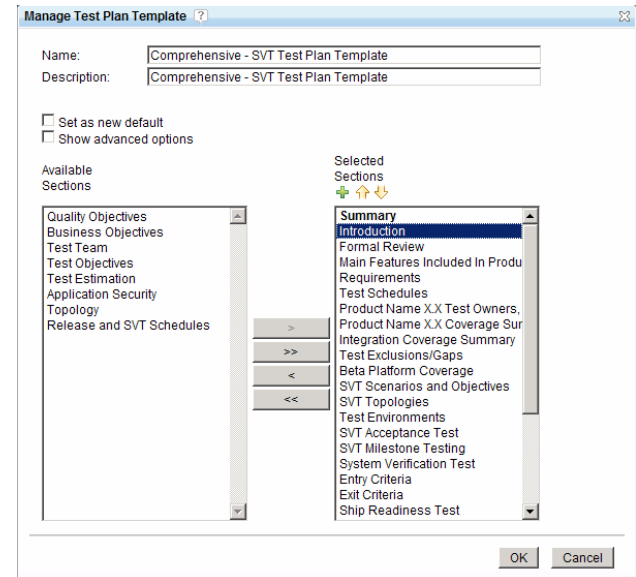


Templates

Enhancing the built-in mechanism:

1. Create a template with desired content.
2. Create a Test Plan or Test Case with that template and name it a template.
3. Fill in the sections with guidance and direction.
4. Save asset.
5. When a new asset is needed, export the XML using the feed mechanism.
 - ▶ <https://<hostname>:9443/jazz/secure/service/com.ibm.rqm.integration.service.IIntegrationService/testplan/>
 - ▶ <https://<hostname>:9443/jazz/secure/service/com.ibm.rqm.integration.service.IIntegrationService/testcase/>
6. Import as new asset and edit

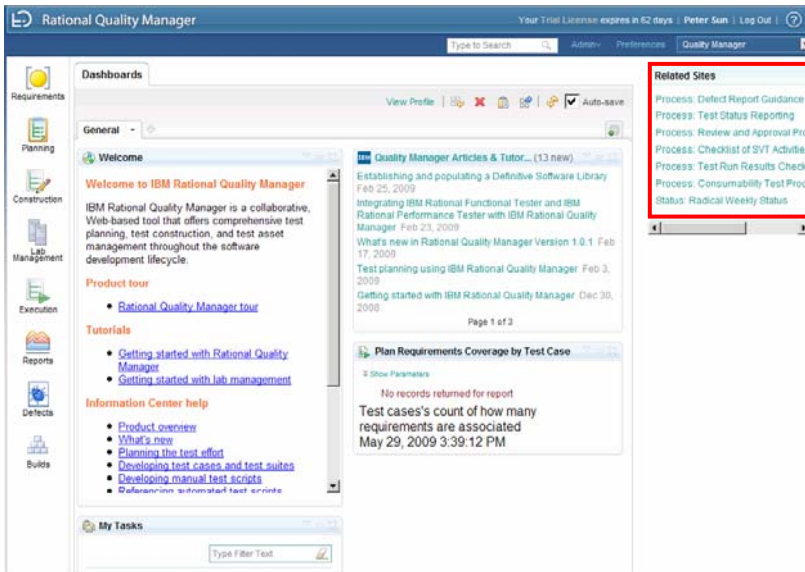
Note: There is currently a 512K limit on imported assets.



Related Sites

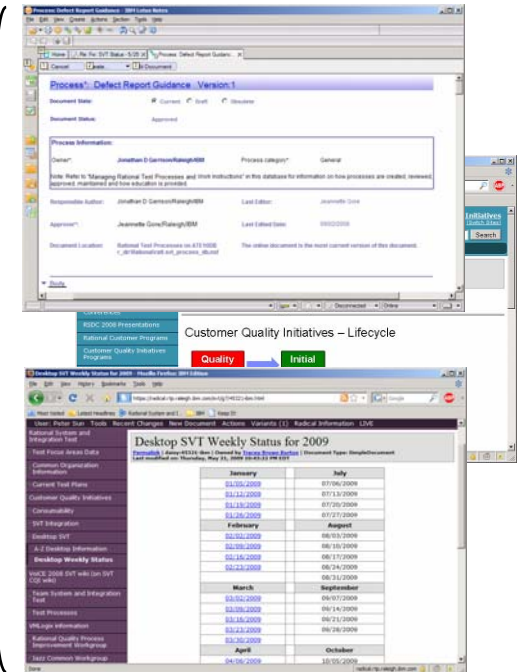
Related sites put need to know information at the forefront.

- Related sites are a great way to centralize and distribute information.
- Related sites prevent processes and best practices from being hidden and ignored.



Related Sites

- Process: Defect Report Guidance
- Process: Test Status Reporting
- Process: Review and Approval Process
- Process: Checklist of SVT Activities
- Process: Test Run Results Check
- Process: Consumability Test Process
- Status: Radical Weekly Status



Related Sites

Configuring:

1. In the Global task bar, Admin → System Properties
2. Administration tab will appear as a new document.
3. Select “Related Sites” in the list of administration activities.
4. You can add, delete or change the order.
5. Click Save to save the changes.
6. Refresh the browser to have the sites appear.

The screenshot shows the 'Administration' tab in the IBM Rational Quality Manager interface. The 'Related Sites' section is active, displaying a list of configured sites. The 'Related Sites' list is currently empty, and the 'Show All' button is visible. The table below shows the structure of the data.

#	Name	URL
<input type="checkbox"/> 1	Process: Defect Rep	Notes://ATE10DB/852572D7004F1
<input type="checkbox"/> 2	Process: Test Statu	Notes://ATE10DB/852572D7004F1
<input type="checkbox"/> 3	Process: Review an	Notes://ATE10DB/852572D7004F1
<input type="checkbox"/> 4	Process: Checklist	Notes://ATE10DB/852572D7004F1
<input type="checkbox"/> 5	Process: Test Run F	Notes://ATE10DB/852572D7004F1
<input type="checkbox"/> 6	Process: Consumal	Notes://ATE10DB/852572D7004F1
<input type="checkbox"/> 7	Status: Radical Wee	https://radical.rtp.raleigh.ibm.com/s

Risk Assessment



Global teams often have different communication styles. RQM provides features like risk assessment.

- Risk assessments allow distributed teams to see a quantitative and qualitative view of a test plan or test case's importance.
- Risk assessments allow divergent stakeholders to express their quality concerns in a common language and metric.

Risk Assessment ?
Work Item: [Create](#)

This section lists the risks associated with a given test plan. In Risk Assessment, you can add mitigation actions or re-calculate the risk. In My Risk, you can reset the risk ranking and add comments.

Risk Assessment: ●●●●● very high Type Filter Text ✎

Show All ▼ Items per page
Previous | 1 - 3 of 3 | Next
📄 ✎ + ✕

Risk Factor	Assessment	Importance	Mitigation Action
<input type="checkbox"/> Insufficient test resources	Likelihood: Most Likely Cost: High	●●●●●	Development will lend four people for four weeks.
<input type="checkbox"/> Insufficient test configurations	Likelihood: Likely Cost: High	●●●●●	Borrowing AIX machines from GBS.
<input type="checkbox"/> Tight schedule	Likelihood: Unlikely Cost: High	●●●●●	

Previous | 1 - 3 of 3 | Next

My Risk: ●●●●● high

Comment here

Community Risk: Avg: ●●●●● high

Very high:	●●●●●	0 (0%)
High:	●●●●●	1 (100%)
Neutral:	●●●●●	0 (0%)
Low:	●●●●●	0 (0%)
Very low:	●●●●●	0 (0%)

Summary

To be successful with RQM with Globally Distributed teams...

- Build a deployment topology that fits your company's network capabilities.
- Organize and design your test assets with global teams in mind.
- Structure projects and deploy projects to take advantage of RQM's security model.
- Build test processes, communicate them, and keep them visible. Processes do not need to be heavy.
- Leverage the collaborative feature of RQM like work items, risk assessment, defect duplication detection, templates, etc.

Questions

Thank You

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