

# Migration and Customisation issues for Rational Test Management

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IBM Rational Software Development Conference 2008

WHERE TEAMS ARE **R-HEROES**



# Agenda

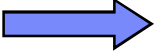

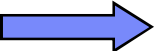
- Introduction
- Migration Pitfalls
- IBM® Rational® Quality Manager Migration Design
- Demo
- Migration Tips



# Introduction: What is Migration?



## Introduction: What is Migration?

1. What to migrate?  Data Migration
  2. Who to migrate?  Project Migration
  3. How to migrate?  RQM Migration Capabilities
- This sessions covers how we do the what which dictates the who.
  - What about process and process migration?



## Migration Pitfalls: Nine Migration Issues

- Avalanche of Ambiguous Error and Warning Messages
- Two Step Migration – Script and test management assets migrated separately
- All or Nothing – Either everything got migrated or nothing did; no incremental migration
- Datastore Doctor – Having to fix your TestManagement datastore before you can migrate it.
- Incomplete Asset Mapping and Lack of Customization – Not all the fields were transferred over, and custom mapping was not available.
- Wizard of Death – The wizard was lengthy and complex and difficult to use.
- Poor Synchronization – Remigration was difficult.
- No 3<sup>rd</sup> Party Integration – Couldn't migrate anything other than Rational tools.
- Separate Migration Application – Migration was not built right into the tool.



## RQM Migration Design: Key Principles

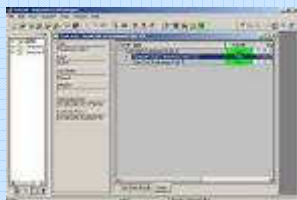
- Open... – The entire product is open and so are the APIs that handle data migration. You can directly post assets to the RQM server through secure http. More on this in the demo
- Customizable... – You are not locked into one set of field mappings. You can move your data over in whatever way you want.
- Simple yet Powerful... – We want the product to work easily out of the box. But we also provided advanced capabilities that power users can tap into.



# RQM Migration Design: Single Step

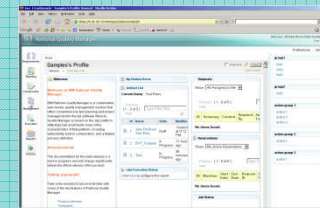
**Version 6.0+**

**TestManager**



migrate

**RQM**



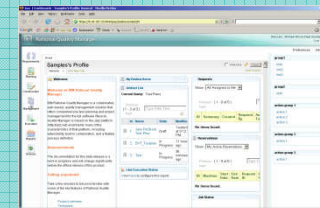
**Version 7.0+**

**RMT**



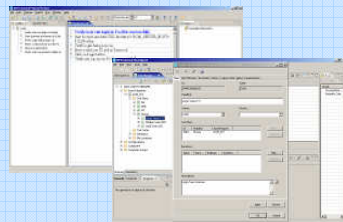
migrate

**RQM**



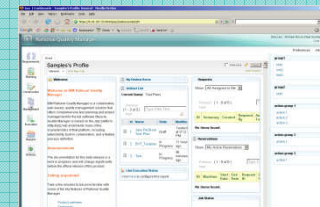
**Version 7.0+**

**CQTM/RMT**

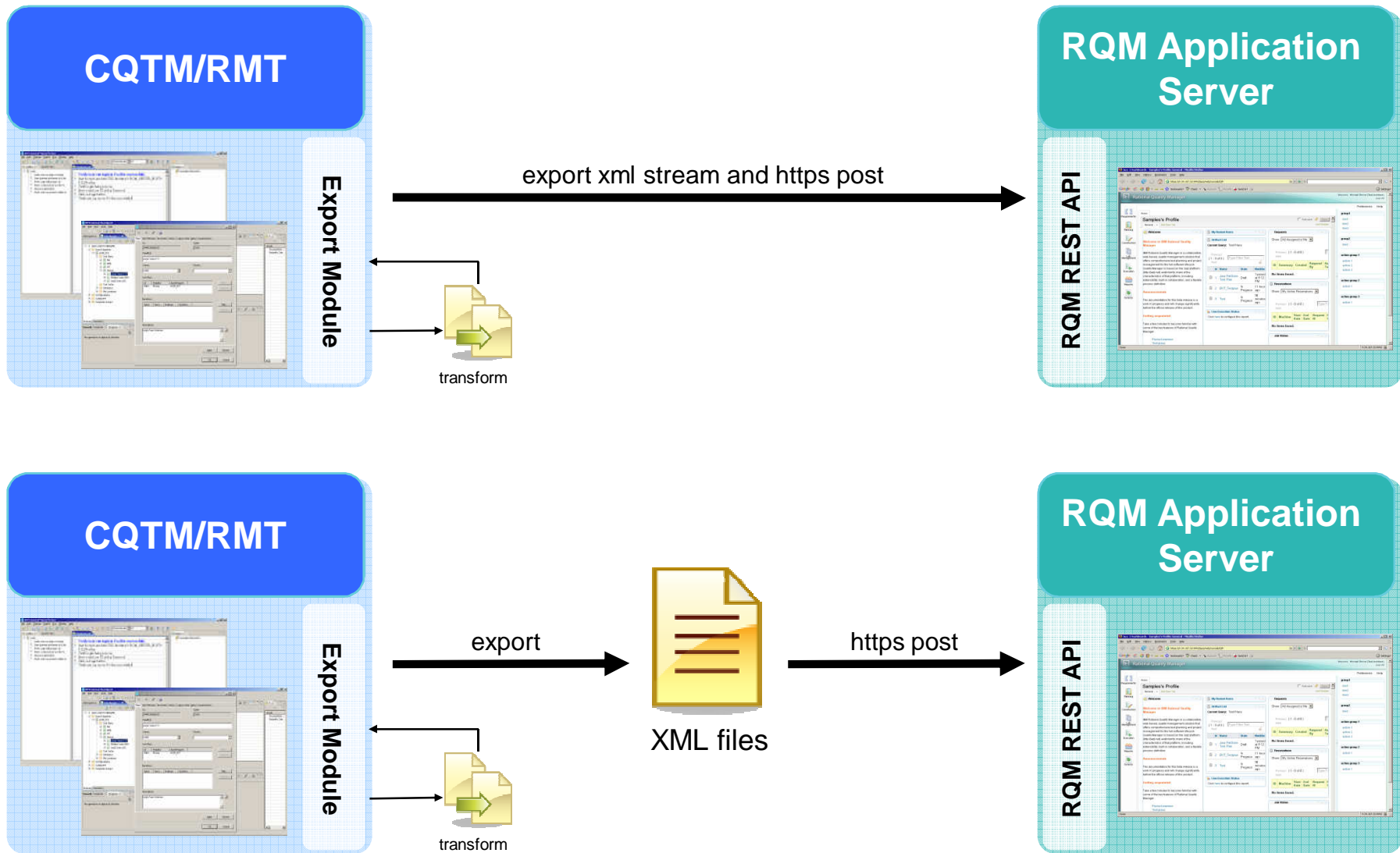


migrate

**RQM**

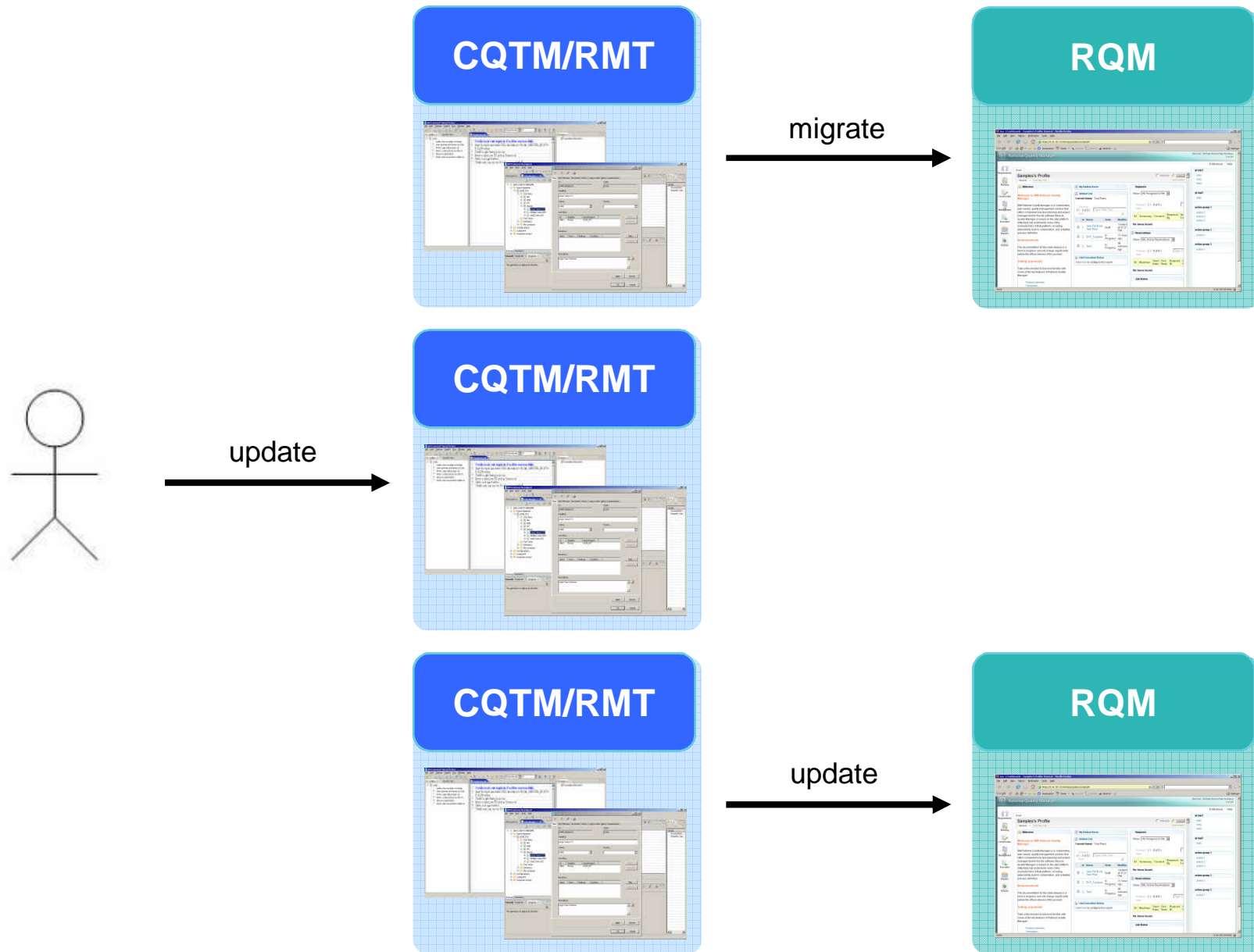


# RQM Migration Design: Architecture





# RQM Migration Design: Synchronization



# RQM Migration Design: Customization

- Customization done through configuration mapping file, migration.cfg.
- migration.cfg is in XML.
- Configuration files does field mapping as well as creation of sections.
- Mapping from and to fields will be documented for RQM, TestManager and CQTM.

```
<!-- TEST CASE -->
<field_mapping type="TMTestCase" target="TestCase" task="Test Cases">
  <mapping from="HeadLine" to="title"/>
  <mapping from="Description" to="summary type="text""/>
  <sub tag="author">
    <mapping from="owner.login_name" to="rqm:userid"/>
  </sub>
  <mapping from="Iterations.name" to="content type="text""/>
  <mapping from="State" to="rqm:state"/>
  <sub tag="content type="application/xml" ">
    <sub tag="div xmlns="" ">
      <sub tag="section">
        <label tag="id" data="Notes"/>
        <label tag="title" data="Notes"/>
        <mapping from="Notes_Log" to="summary"/>
        <mapping from="Notes_Entry" to="content"/>
      </sub>
    </sub>
  </sub>
  <mapping from="LegacyTotalPoints" to="rqm:weight"/>
</field_mapping>
```



# RQM Migration Design: Error Reporting and Logging

**Incremental Progress**

**Current Asset Identified**

**Detailed Human-Readable Messages**

**Results Logged to File**

**Export to RQM**  
Operation in progress...  
exporting record 19 of 31. Edit->Paste Functionality  
Run in Background Cancel Details >>

**Migrating TestCases**  
Migrating TestCases for TestPlan Calculator FVT  
Success: TestCase Memory Store migrated successfully  
Hide Details Stop

**Migration Completed**  
View Log Hide Details Close

successfully  
Success: Configured TestCase Standard - WinNT migrated successfully  
\*\*\* Configured TestCases migration finished \*\*\*  
\*\*\* TestLog migration started \*\*\*  
\*\*\* TestLog migration finished \*\*\*  
The file (c:\rtm2rqmmigration.log) contains a summary of the migration process during the upgrade

## Demo: Notes

- Demo code is beta, limited assets migrated
  - ▶ Test Plans
  - ▶ Test Cases
  - ▶ Configured Test Cases
  - ▶ Iterations
  - ▶ Manual Test Scripts
- User interface differences between the tools
- Unique Asset Mappings



| CQTM                 | TestManager          | RQM                           |
|----------------------|----------------------|-------------------------------|
| Configured Test Case | Configured Test Case | Execution Work Item           |
| Iteration            | Iteration            | Test Phase/Iteration          |
| Child Test Plans     | Test Case Folders    | Categories, Functions, Themes |



# DEMO



# Migration Tips

## Data Migration

- Migrate related assets (users, requirements, etc.) first
- Migrate incrementally and have a test server
- Take the opportunity to reorganize and customize

## Project Migration

- Start with a pilot project
- Move over newer or smaller projects
- Leave some projects behind

## Process Migration

- Consider new workflow
- Use the related information and attachment capabilities
- Plan ahead, migrate after training





# QUESTIONS







# THANK YOU

## Learn more at:

- [IBM Rational software](#)
- [IBM Rational Software Delivery Platform](#)
- [Process and portfolio management](#)
- [Change and release management](#)
- [Quality management](#)
- [Architecture management](#)
- [Rational trial downloads](#)
- [Leading Innovation Web site](#)
- [developerWorks Rational](#)
- [IBM Rational TV](#)
- [IBM Rational Business Partners](#)

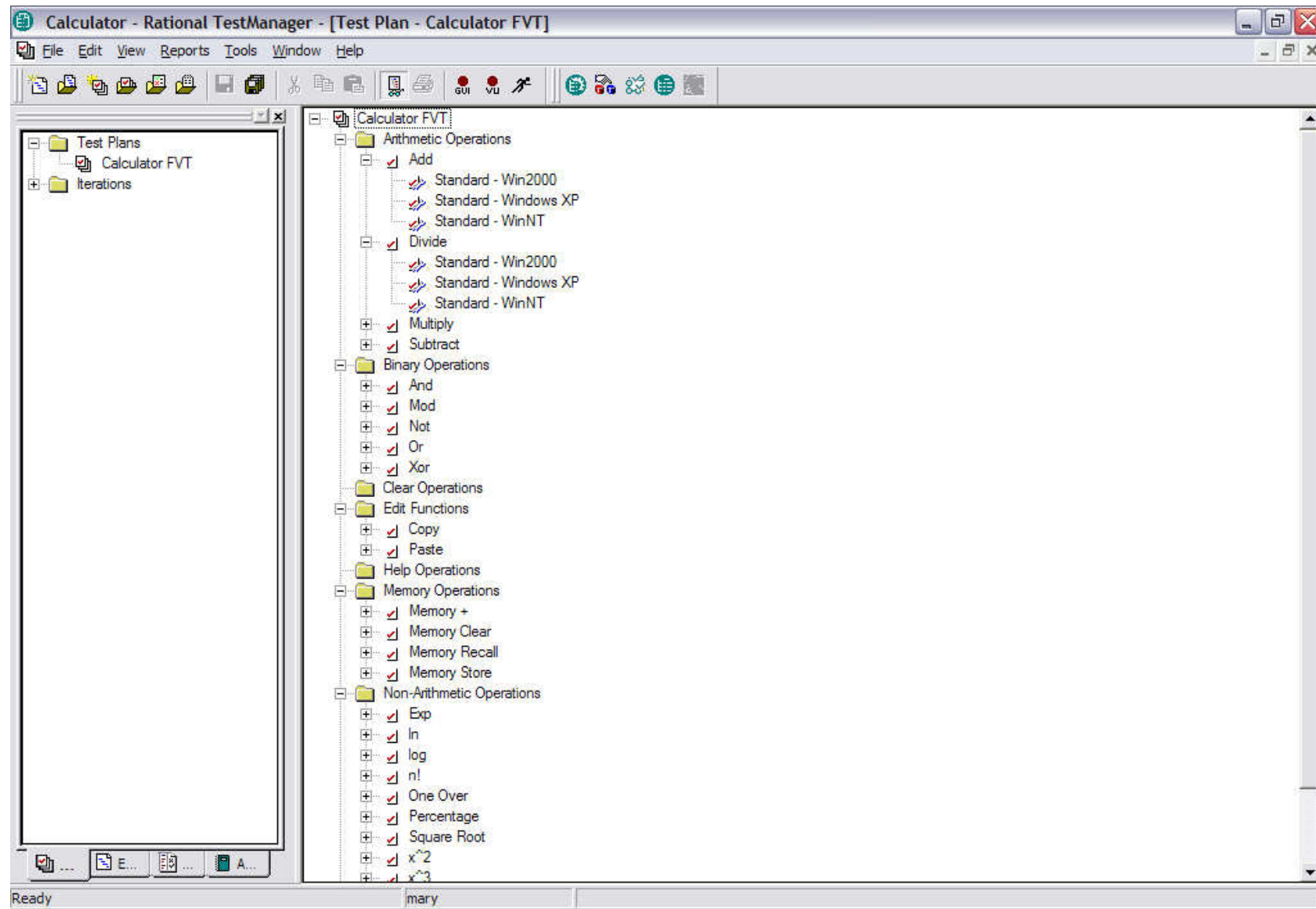




# Demo in Slide Form



# Demo: TestManager Migration



# Demo: TestManager Migration



# Demo: TestManager Migration

**RTM2RQM Migration - RTM Login**

This wizard will take you step-by-step through the process of Migrating an existing Rational TestManager Repository into Rational QualityManager Repository.

RTM Repository to Migrate:

Calculator

User Name:

admin

Password:

Location:

C:\RSDC\_Demo\TM\_Datastores\Calculator\Calculator.rsp

< Back   Next >   Cancel

# Demo: TestManager Migration

RTM2RQM Migration - RQM Login

Enter Rational QualityManager Server Connection Information

RQM Server: localhost

Port: 9443

User ID: ADMIN

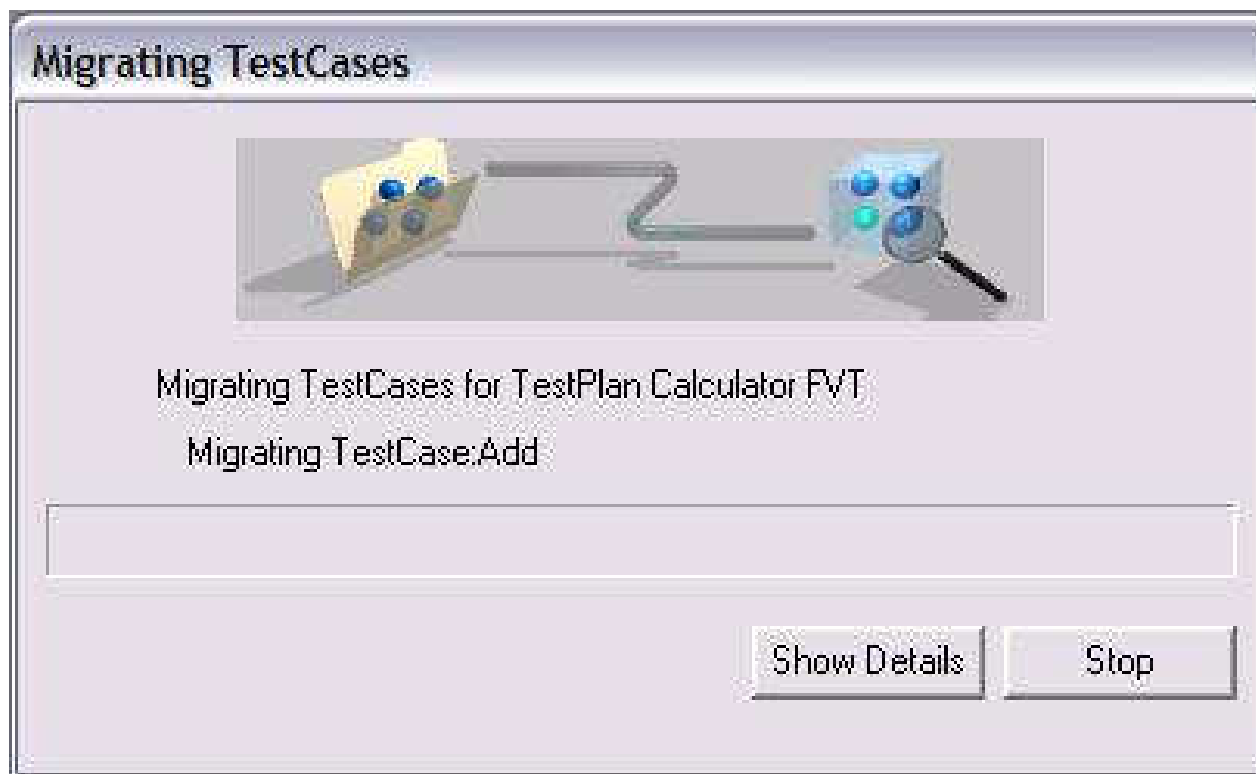
Password: [masked]

< Back   Next >   Cancel

# Demo: TestManager Migration



# Demo: TestManager Migration

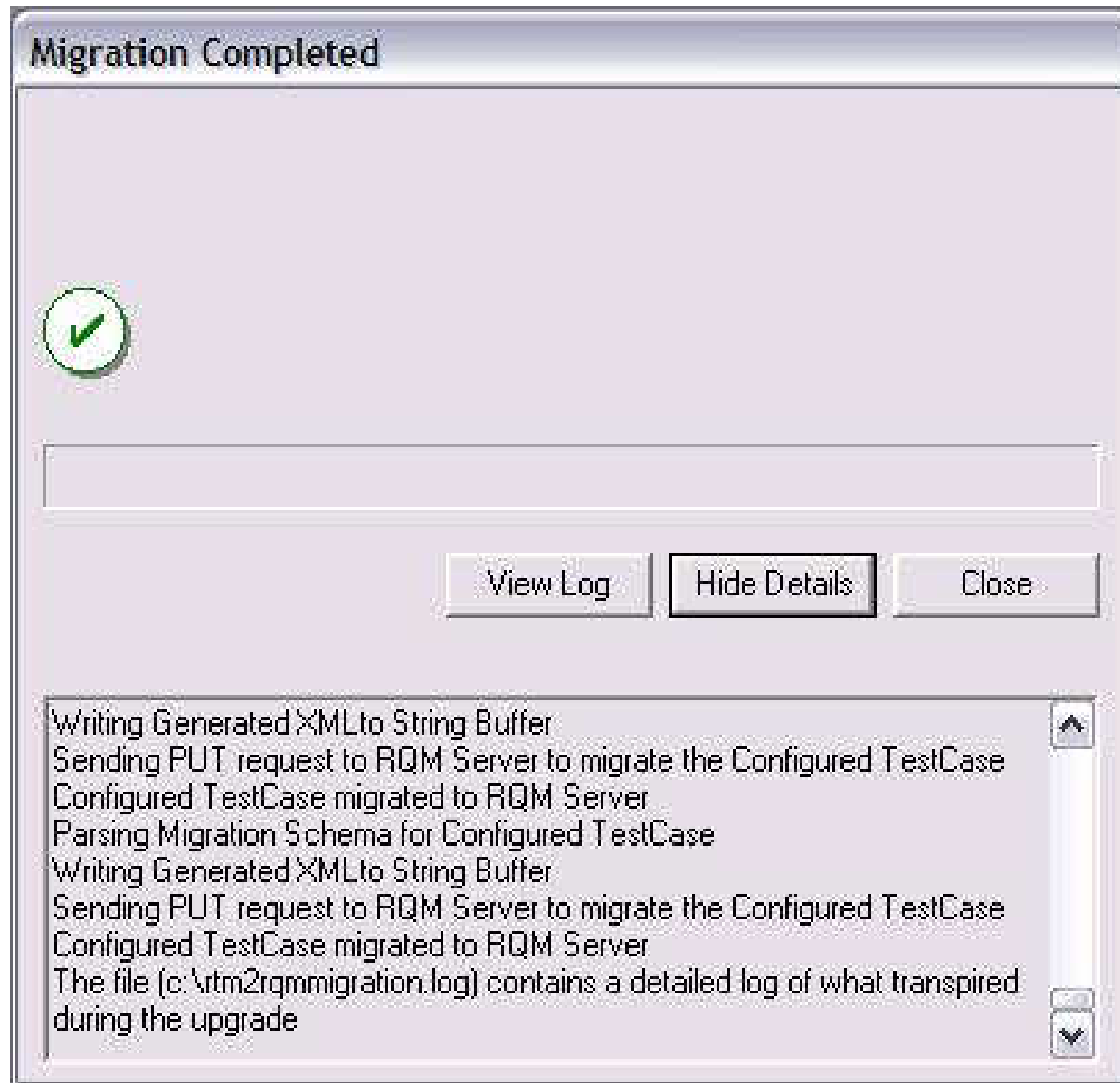


# Demo: TestManager Migration





# Demo: TestManager Migration



# Demo: TestManager Migration

The screenshot shows a Mozilla Firefox browser window with the address bar set to `https://localhost:9443/jazz/web/console/QM`. The page displays the "jazz TEAM SERVER" logo and a login form. The form includes fields for "User name:" (containing "mary") and "Password:" (masked with asterisks). There is a checkbox for "Remember my User name" and a "Log In" button. Below the form, there is a copyright notice: "Licensed Material - Property of IBM Corp. © Copyright IBM Corp. and its licensors 2000, 2006. All Rights Reserved. IBM, the IBM logo, Jazz, and Rational are trademarks of IBM Corporation, in the United States, other countries, or both." The IBM logo and "Rational software" logo are visible at the bottom of the page. The browser's status bar at the bottom shows the URL `http://w3.ibm.com/cgi-bin/w3redirect.cgi?from=News:TopStories&w3url=http://w3.ibm.com/news/w3news/top_stories/2006/05/americas_servicearizona.html` and the address `localhost:9443`.

# Demo: TestManager Migration

Getting Started

Rational Quality Manager

Mary (Manager) | Log Out

Jazz Project 1

Type to Search

Home | Preferences | Help | About

Home | All Test Plans

Current Query: All Test Plans

Type Filter Text

Show All Items per page Previous | 1 - 2 of 2 | Next

| Id | Name                    | State     | Modified      |
|----|-------------------------|-----------|---------------|
| 1  | Java PetStore Test Plan | Draft     | 8 hours ago   |
| 2  | Calculator FVT          | Completed | 3 minutes ago |

Previous | 1 - 2 of 2 | Next

Done localhost:9443

# Demo: TestManager Migration

The screenshot shows the Rational Quality Manager web interface in a Mozilla Firefox browser window. The browser address bar shows the URL: `https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub`. The page title is "Rational Quality Manager".

The user is logged in as "Mary (Manager)" and is viewing the "Calculator FVT" test plan. The "Originator" is listed as "Mary (Manager)" and the "State" is "Completed".

The "Summary" section contains the following text:

Owned By: Unassigned Status: New

Overview of the test plan.

Description: This is the test plan for the functional verification of the Calculator application.

The left sidebar shows the navigation menu with sections like Planning, Construction, Lab Management, Execution, Reports, Defects, and Administration. The "Table Of Contents" is expanded, showing 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, Attachments, Custom 1, Custom 2, Custom 3, and Show All Sections.

# Demo: TestManager Migration

Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub

Getting Started

Rational Quality Manager

Mary (Manager) | Log Out

Jazz Project 1

Type to Search Home | Preferences | Help | About

Home All Test Plans Calculator FVT

Create Section

Table Of Contents

- 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
- Attachments
- Custom1
- Custom2
- Custom3
- Show All Sections

Calculator FVT

Test Plan Overview | View Snapshots

Discard Changes Save

Originator: Mary (Manager) State: Completed

This is the test plan for the functional verification of the Calculator application.

Test Iterations

Define the Schedules for this Test Plan.

Type Filter Text

Show All Items per page Previous | 1 - 3 of 3 | Next

| Name                                 | Description | Start Date | End Date   | Duration |
|--------------------------------------|-------------|------------|------------|----------|
| <input type="checkbox"/> Milestone 1 |             | 2008-06-03 | 2008-06-16 | 14 days  |
| <input type="checkbox"/> Milestone 2 |             | 2008-06-17 | 2008-06-30 | 14 days  |
| <input type="checkbox"/> Milestone 3 |             | 2008-07-01 | 2008-07-15 | 15 days  |

Done localhost:9443





# Demo: TestManager Migration

Getting Started

Type to Search Home | Preferences | Help | About

Home All Test Plans Calculator FVT

Create Section

Table Of Contents

- 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
- Attachments
- Custom1
- Custom2
- Custom3
- Show All Sections

Calculator FVT

Test Plan Overview | View Snapshots

Discard Changes Save

Originator: Mary (Manager) State: Completed

This is the test plan for the functional verification of the Calculator application.

Test Cases

Owned By: Mary (Manager) Status: New Authoring 49

Lists the test cases associated with a given plan. You can add and remove associations to test documents and create and associate a new test case. Removing a test case will remove the association to this test plan but not delete the test case.

Group by: Ungrouped Type Filter Text

10 items per page Previous | 1 - 10 of 31 | Next

| ID                       | Name        | State     | Theme | Category | Function | Weight | Modified       |
|--------------------------|-------------|-----------|-------|----------|----------|--------|----------------|
| <input type="checkbox"/> | 9 Add       | Completed |       |          |          | 10     | 10 minutes ago |
| <input type="checkbox"/> | 10 Subtract | Completed |       |          |          | 10     | 10 minutes ago |
| <input type="checkbox"/> | 11 Multiply | Completed |       |          |          | 10     | 10 minutes ago |
| <input type="checkbox"/> | 12 Divide   | Completed |       |          |          | 10     | 10 minutes ago |
| <input type="checkbox"/> | 13 Copy     | Completed |       |          |          | 10     | 10 minutes ago |

Done localhost:9443

# Demo: TestManager Migration

Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub

Getting Started

Rational Quality Manager

Mary (Manager) | Log Out

Jazz Project 1

Type to Search Home | Preferences | Help | About

Home All Test Plans Calculator FVT Add

Create Section

Table Of Contents

Summary

Test Case Design

Review and Approvals

Requirements

Precondition

Postcondition

Acceptance Criteria

Test Scripts

Execution Work Items

Attachments

Custom1

Custom2

Custom3

Show All Sections

Summary <sup>?</sup>

Owned By: Unassigned Status: New

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.

Theme: Unassigned

Category: Unassigned

Function: Unassigned

Weight: 10 Points

Description: This is the test case to test the add operation.

javascript: localhost:9443

# Demo: TestManager Migration

The screenshot shows the Jazz Test Manager web console in Mozilla Firefox. The browser address bar shows the URL: `https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub`. The page title is "Add" and the breadcrumb is "Test Case Overview | View Snapshots".

The test case details are as follows:

- Originator: Tony (Tester)
- State: Completed
- Description: This is the test case to test the add operation.

The "Execution Work Items" section is highlighted with a green background and contains the following information:

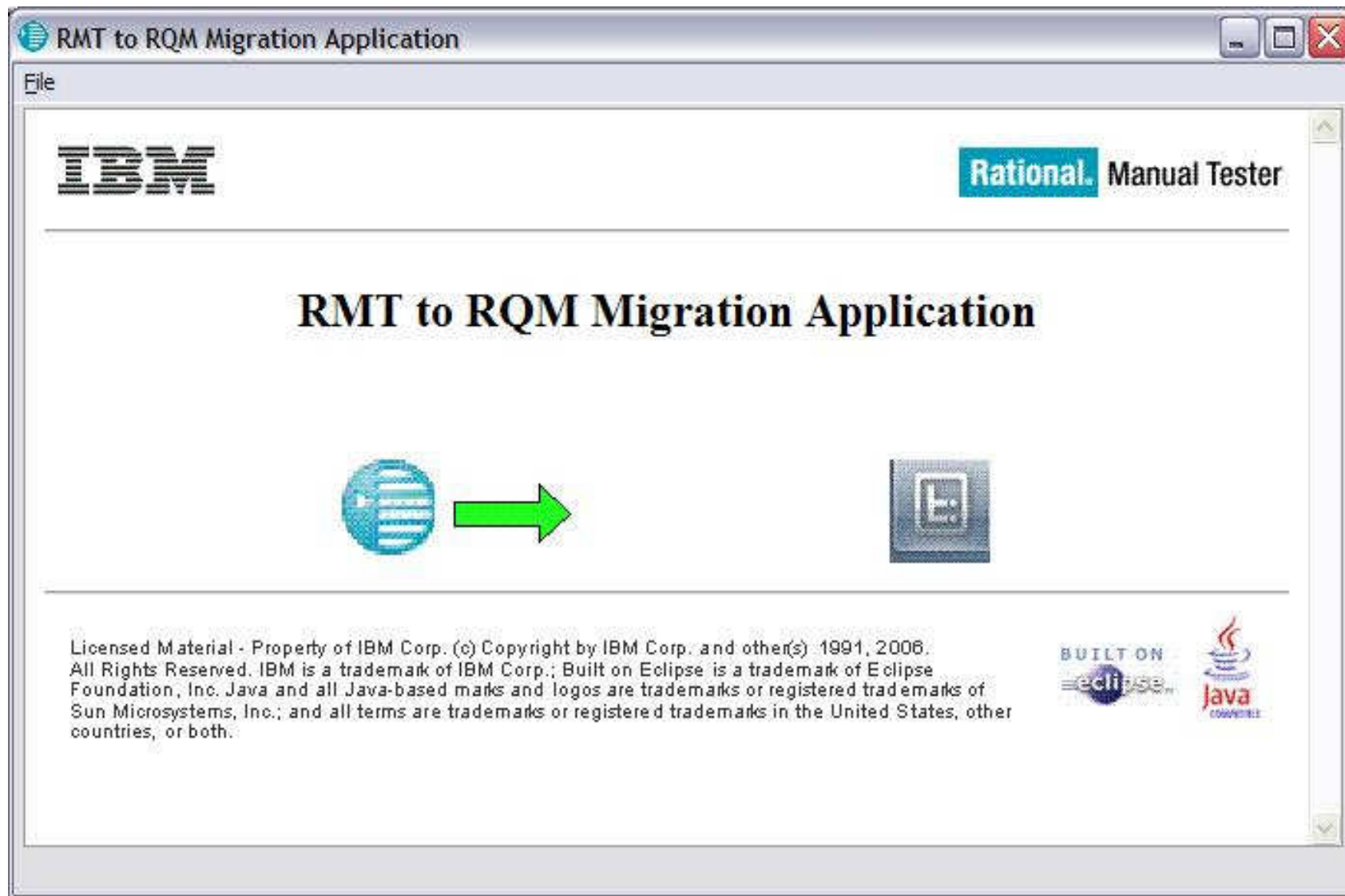
- Owned By: Unassigned
- Status: New
- Group by: Ungrouped
- Items per page: 3

The table below shows the execution work items:

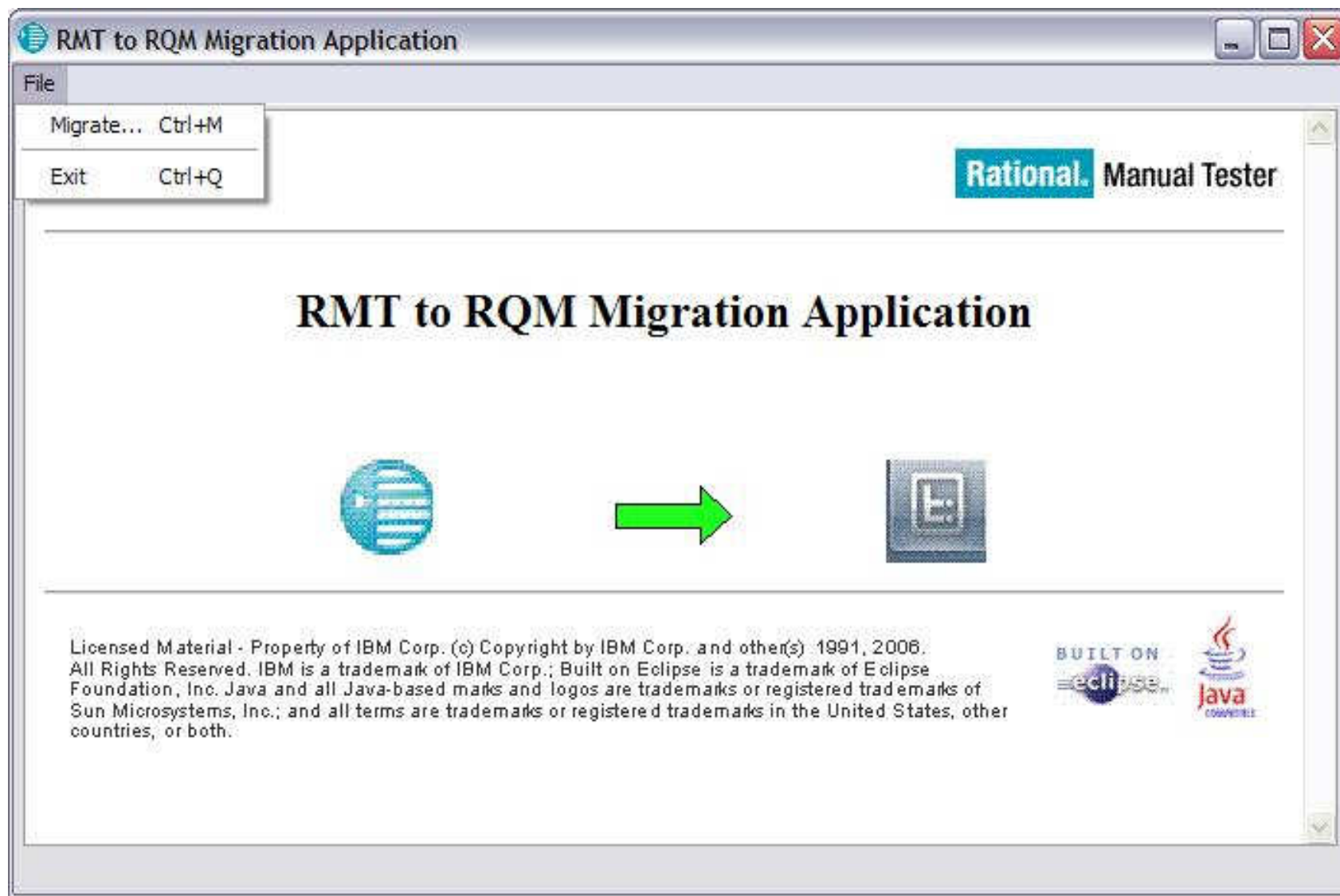
| Configuration                       | Test Plan      | Iteration   | Owner         | Script     | Status | Last Modified  |
|-------------------------------------|----------------|-------------|---------------|------------|--------|----------------|
| <input type="checkbox"/> Loading... | Calculator FVT | Milestone 3 | Tony (Tester) | None avail | New    | 10 minutes ago |
| <input type="checkbox"/> Loading... | Calculator FVT | Milestone 3 | Tony (Tester) | None avail | New    | 10 minutes ago |
| <input type="checkbox"/> Loading... | Calculator FVT | Milestone 3 | Tony (Tester) | None avail | New    | 10 minutes ago |



# Demo: RMT Migration



# Demo: RMT Migration



# Demo: RMT Migration

RMT to RQM Migration Wizard

### Migration Info Page

Enter the RQM Repository Info and RMT Migration type

RQM Repository Information

RQM Server: localhost Port: 9443

User Name: tony

Password: \*\*\*\*\*

Make me the owner of the migrated assets

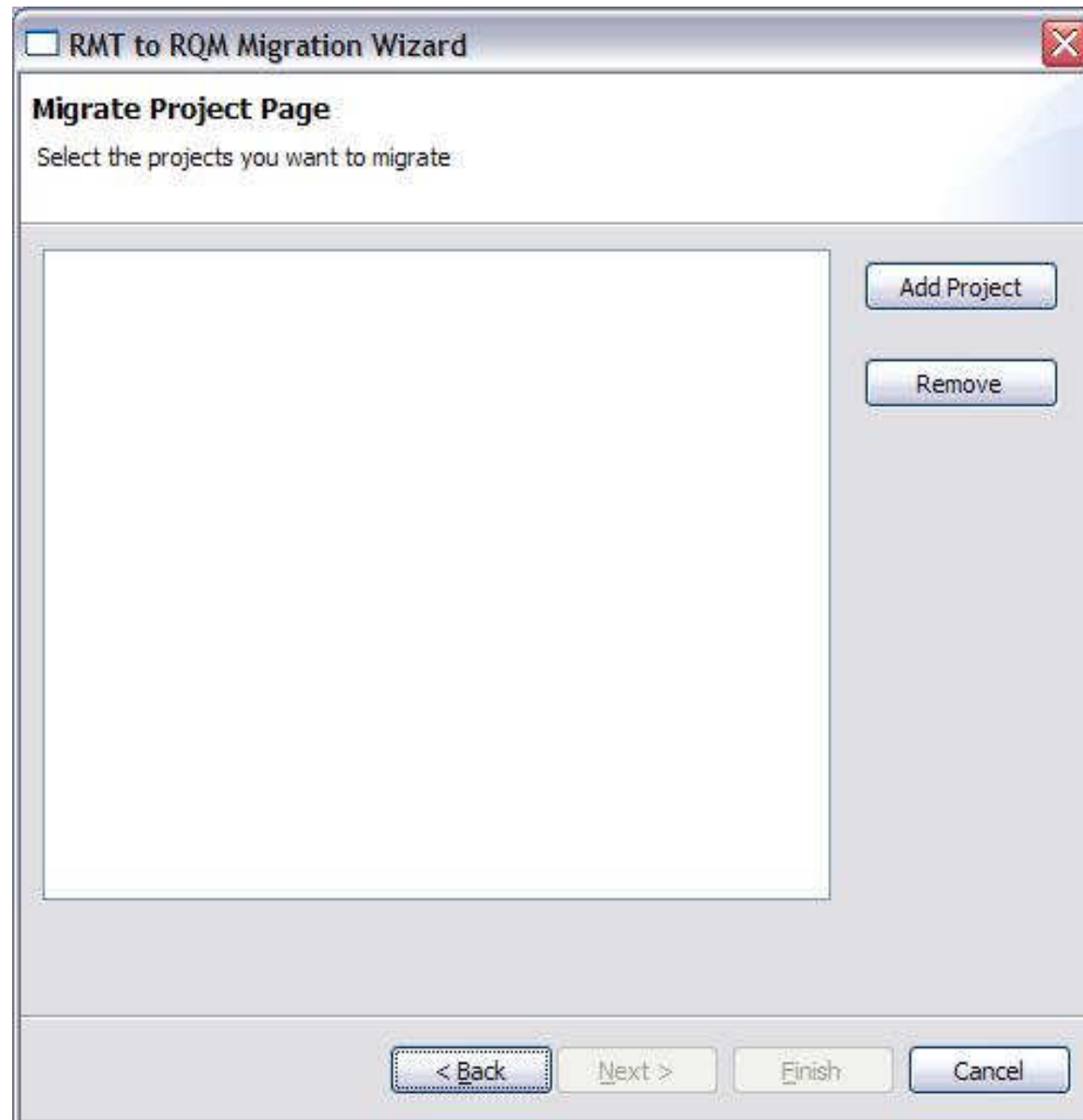
RMT Migration Type

Migrate Non-Project Assets

Migrate Project Assets

< Back Next > Finish Cancel

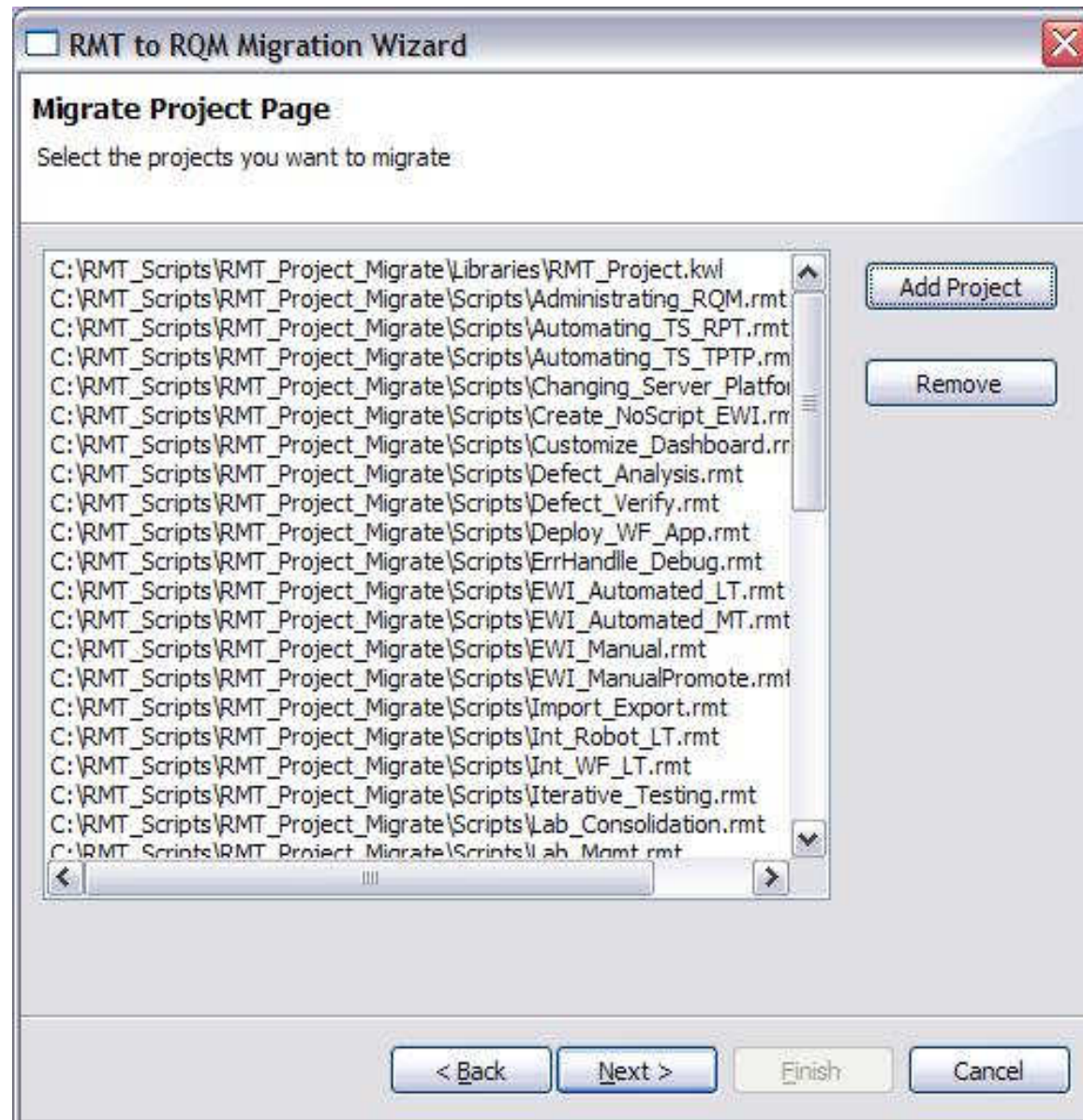
# Demo: RMT Migration



# Demo: RMT Migration

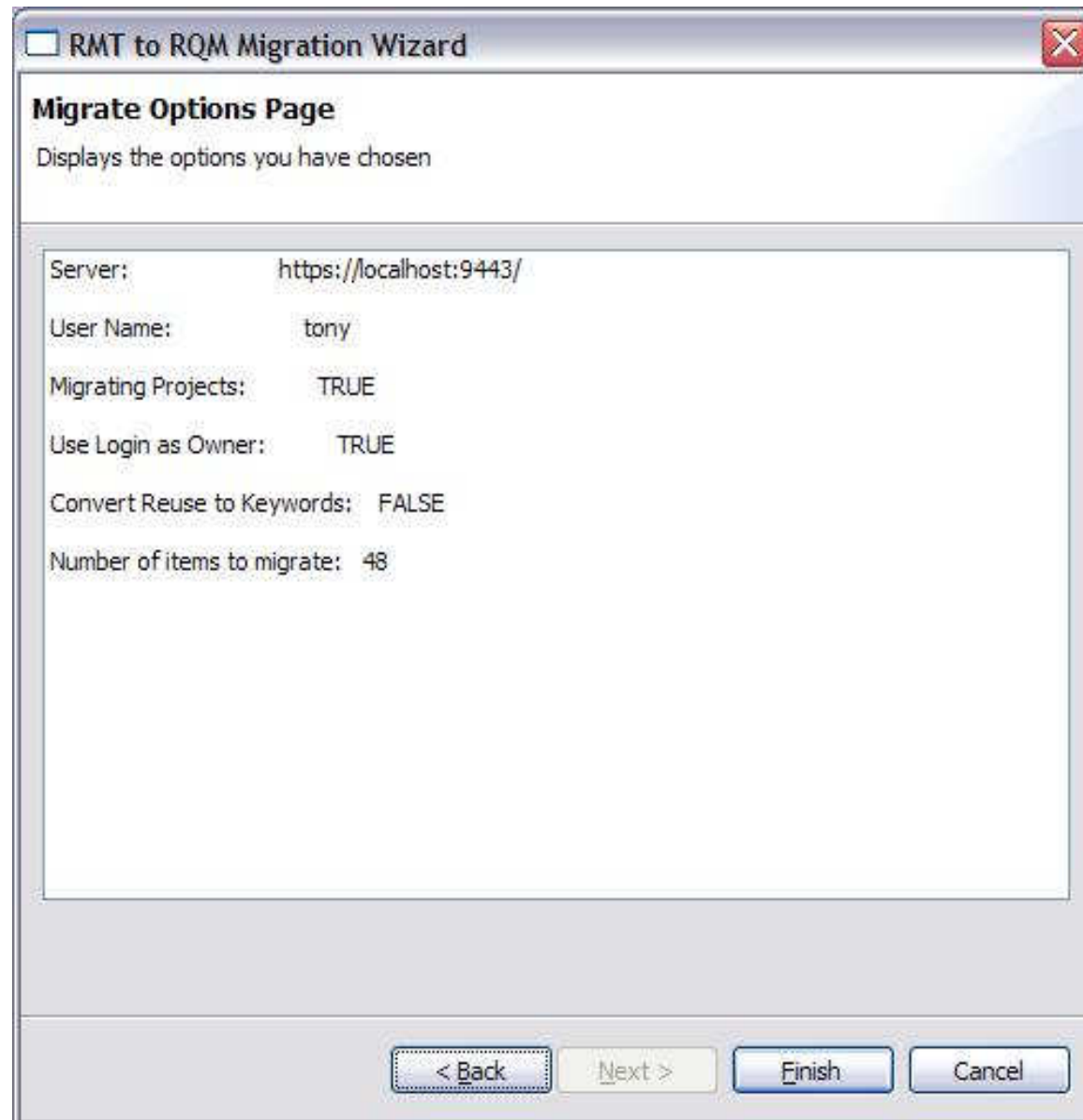


# Demo: RMT Migration





# Demo: RMT Migration



# Demo: RMT Migration





# Demo: RMT Migration

The screenshot shows a window titled "RMT to RQM Migration Application" with a "Migration Report" tab. The report contains the following text:

```
INFO: : Migration Started @ 2008/5/30 1:21
INFO: : Migrating Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Administrating_RQM.rmt
INFO: : Migrated Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Administrating_RQM.rmt
: -----
-----
INFO: : Migrating Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Automating_TS_RPT.rmt
INFO: : Migrated Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Automating_TS_RPT.rmt
: -----
-----
INFO: : Migrating Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Automating_TS_TPTP.rmt
INFO: : Migrated Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Automating_TS_TPTP.rmt
: -----
-----
INFO: : Migrating Script:
C:\RMT_Scripts\RMT_Project_Migrate\Scripts\Changing_Server_Platform
```

At the bottom of the window, there are two buttons: "Save Log" and "Cancel".

# Demo: RMT Migration

Loading... - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM

Getting Started

**jazz**  
TEAM SERVER

User name:  
tony

Password:  
\*\*\*\*\*

Remember my User name

Log In

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IBM Rational software

http://w3.ibm.com/cgi-bin/w3redirect.cgi?from=News:TopStories&w3url=http://w3.ibm.com/news/w3news/top\_stories/2008/05/americas\_servicearizona.html localhost:9443

# Demo: RMT Migration

The screenshot shows the Rational Quality Manager web console. The browser window is titled "Jazz - Mozilla Firefox" and the address bar shows "https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub". The page header includes "Rational Quality Manager" and "Tony (Tester) | Log Out". The main content area displays a list of test scripts under the "My Test Scripts" tab. The list is grouped by "Ungrouped" and shows 10 items per page. The table below is a representation of the data shown in the screenshot, with rows 17 through 24 highlighted by a red box.

| Id | Name                                    | Type   | Modified      |
|----|---|--------|---------------|
| 7  | Web Services Dashboard Test 4 Script #1 | Manual | 8 hours ago   |
| 9  | Web Services Admin Test 5 Script #1     | Manual | 8 hours ago   |
| 17 | Administrating_RQM                      | Manual | 2 minutes ago |
| 18 | Automating_TS_RPT                       | Manual | 2 minutes ago |
| 19 | Automating_TS_TPTP                      | Manual | 2 minutes ago |
| 20 | Changing_Server_Platforms               | Manual | 2 minutes ago |
| 21 | Create_NoScript_EWI                     | Manual | 2 minutes ago |
| 22 | Customize_Dashboard                     | Manual | 2 minutes ago |
| 23 | Defect_Analysis                         | Manual | 2 minutes ago |
| 24 | Defect_Venfy                            | Manual | 2 minutes ago |

# Demo: RMT Migration

Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub

Getting Started

Rational Quality Manager

Tony (Tester) | Log Out

Jazz Project 1

Type to Search

Home | Preferences | Help | About

Home My Test Scripts Changing\_Server\_Platforms

Changing\_Server\_Platforms Test Script

Discard Changes Save

Originator: Tony (Tester) Owner: Tony (Tester) Type: Manual

Description:

Manual Steps

**Summary:**

1 Changing Server Platforms.

**Prerequisites:**

2

**Change Servers**

Admin installed the RQM server on a windows machine.  
Later Admin found performance and reliability issue with windows and decide to change to Linux.  
or changing the server from Redhat Linux to Suse Linux.

3

**Upgrade Servers**

How upgrade server can be done in one location without affecting

**Keyword View**

Search

Previous 1 - 8 of 83 Next

| Keywords                              | Script Type |
|---------------------------------------|-------------|
| Web Services Editors Test 1 Script #1 | Man         |
| Web Services Editors Test 1 Script #2 | Man         |
| Reporting Editors                     |             |

Done localhost:9443



# Demo: RMT Migration

Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub

Getting Started

Lab Management

Manual Steps ?

Execution

1 Summary: Changing Server Platforms.

Reports

2 Prerequisites:

Defects

3 **Change Servers**  
Admin installed the RQM server on a windows machine.  
Later Admin found performance and reliability issue with windows and decide to change to Linux.  
or changing the server from Redhat Linux to Suse Linux.

Administration

4 **Upgrade Servers**  
How upgrade server can be done in one location without affecting the mirrors.

Click to add...

Keyword View

Search

Previous 17 - 24 of 63 Next

Keywords

- Administrating\_RQ
- Automating\_TS\_RI
- Automating\_TS\_TF
- Changing\_Server\_F
- Create\_NoScript\_E
- Customize\_Dashb
- Defect\_Analysis
- Defect\_Verify

Related Sites

- IBM Rational
- IBM Rational Quality Management

Done localhost:9443

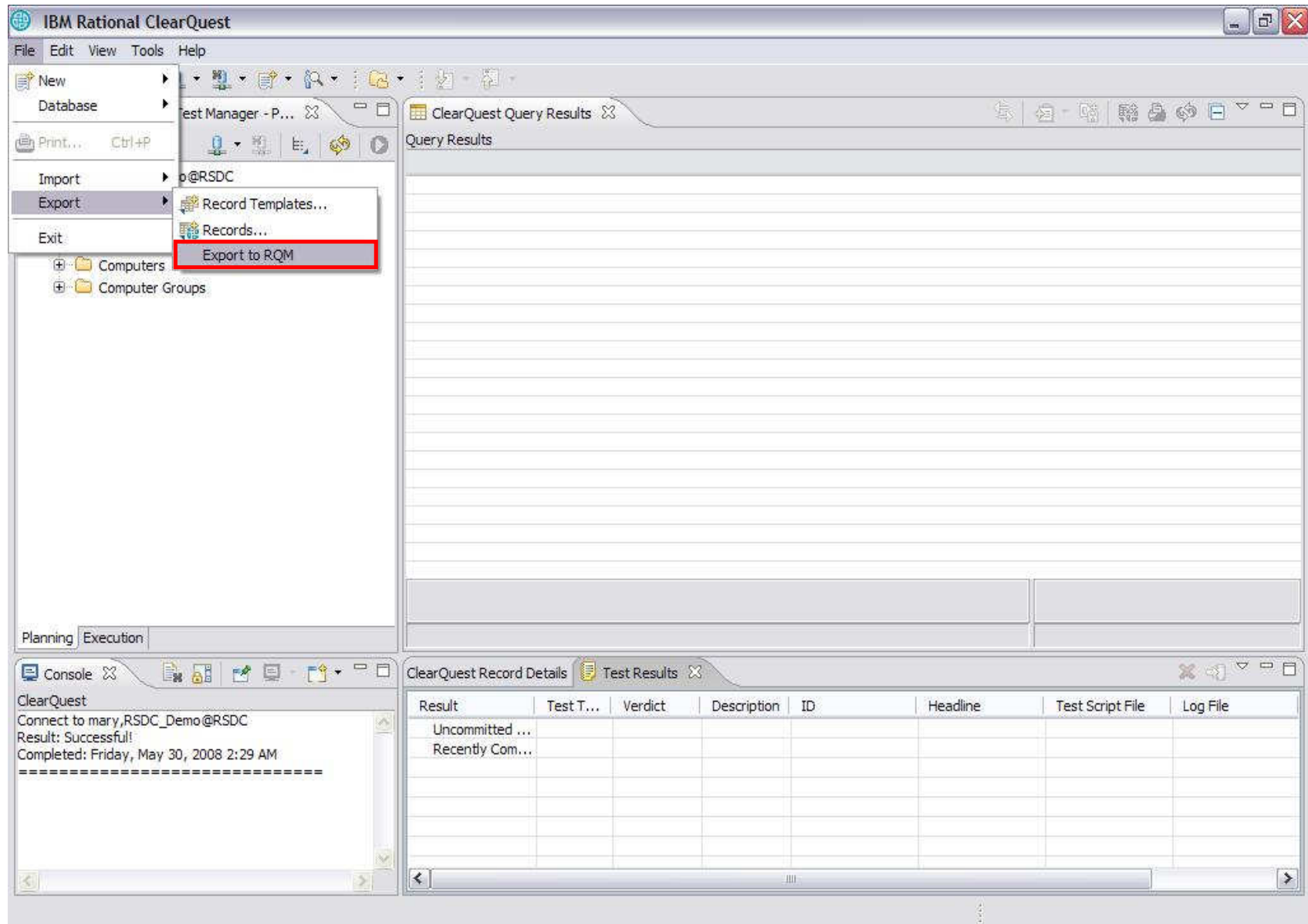
# Demo: CQTM Migration

The screenshot displays the IBM Rational ClearQuest application interface. The main window is titled "IBM Rational ClearQuest" and features a menu bar (File, Edit, View, Tools, Help) and a toolbar. The interface is divided into several panes:

- ClearQuest Navigator:** Shows a hierarchical tree view of test assets. The root is "mary,RSDC\_Demo@RSDC", which contains "Asset Registries", "Notepad", "Test Plans", "Test Suites", "Iterations", "File Locations", "PostingProject", and "Configurations". Under "Test Plans", "Notepad FVT" is expanded to show "Notepad Editing Functions", "Context Menu", "Scroll Bar", and "Special Characters". Each of these has sub-items for "Operating System - Windows 2000" and "Operating System - Windows XP".
- ClearQuest Query Results:** A pane on the right showing a table of query results, currently empty.
- ClearQuest Record Details:** A pane at the bottom right showing a table of test results. The table has columns for "Result", "Test T...", "Verdict", "Description", "ID", "Headline", and "Te". Two rows are visible: "Uncommitted ..." and "Recently Com...".
- Console:** A pane at the bottom left showing a table with "Property" and "Value" columns.



# Demo: CQTM Migration



# Demo: CQTM Migration



# Demo: CQTM Migration

**Export CQTM records to RQM**  
Enter the RQM Server URL and login information.

Export to RQM Server:

RQM Server location:

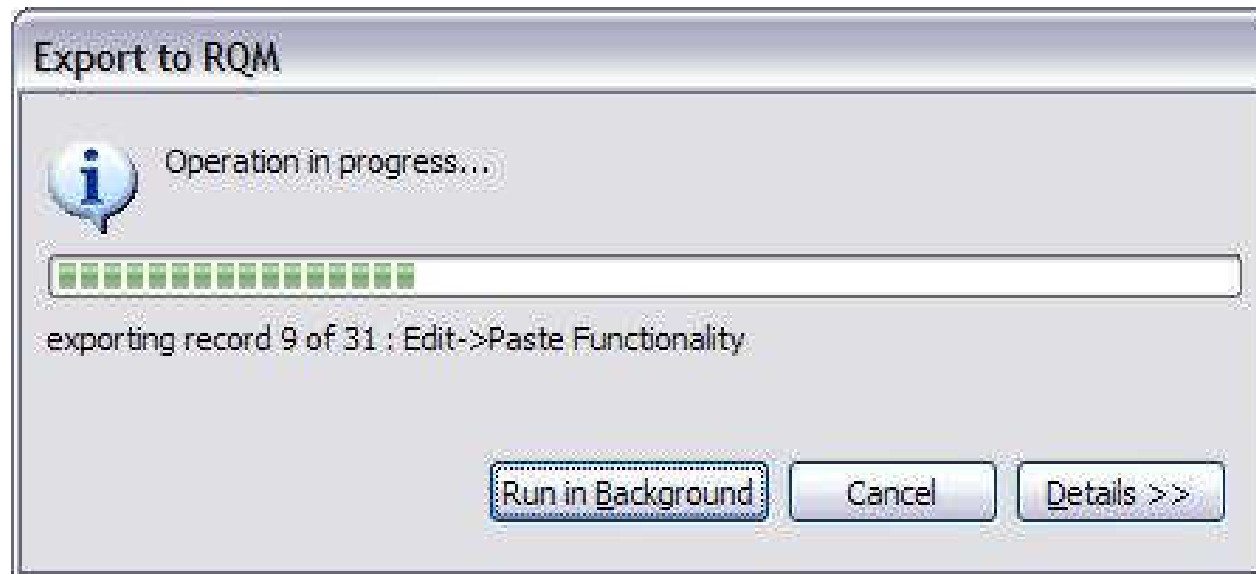
Login name:

Login password:

Export to file system:

Choose export location:

# Demo: CQTM Migration



# Demo: CQTM Migration

Loading... - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM

Getting Started

**jazz**  
TEAM SERVER

User name:  
mary

Password:  
\*\*\*\*\*

Remember my User name

Log In

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IBM. Rational software

http://w3.ibm.com/cgi-bin/w3redirect.cgi?from=News:TopStories&w3url=http://w3.ibm.com/news/w3news/top\_stories/2008/05/americas\_servicearizona.html localhost:9443

# Demo: CQTM Migration

Getting Started

Rational Quality Manager

Mary (Manager) | Log Out  
Jazz Project 1

Type to Search

Home | Preferences | Help | About

Home All Test Plans  
Current Query: All Test Plans

Type Filter Text

Show All Items per page Previous | 1 - 9 of 9 | Next

| Id | Name                          | State     | Modified      |
|----|-------------------------------|-----------|---------------|
| 1  | Java PetStore Test Plan       | Draft     | 10 hours ago  |
| 3  | Notepad FVT                   | Draft     | 2 minutes ago |
| 4  | Notepad File Menu Functions   | Approved  | 2 minutes ago |
| 5  | Notepad Editing Functions     | Approved  | 2 minutes ago |
| 6  | Notepad View Menu Functions   | Draft     | 2 minutes ago |
| 7  | Notepad Help Menu Functions   | Draft     | 2 minutes ago |
| 8  | Notepad Format Menu Functions | ForReview | 2 minutes ago |
| 9  | Notepad Edit Menu Functions   | Approved  | 2 minutes ago |
| 2  | Calculator FVT                | Completed | 1 hour ago    |

Previous | 1 - 9 of 9 | Next

Done localhost:9443



# Demo: CQTM Migration

The screenshot displays the Rational Quality Manager (RQM) web interface within a Mozilla Firefox browser window. The browser's address bar shows the URL: `https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub`. The interface features a navigation sidebar on the left with categories like Planning, Construction, Lab Management, Execution, Reports, Defects, and Administration. The main content area is titled 'Notepad Editing Functions' and includes a 'Table Of Contents' on the left with items such as 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, Attachments, and Legacy Custom Field. The 'Summary' section is expanded, showing 'Owned By: Unassigned' and 'Status: New'. The 'Description' field contains the text: 'This sub test plan covers the editing functions of Notepad.' The 'Originator' is listed as 'Mary (Manager)' and the 'State' is 'Approved'. A 'Legacy Custom Field' is also visible in the table of contents. The right sidebar contains 'Test Plan Workitems' and 'Related Sites'.



# Demo: CQTM Migration

Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub

Getting Started

Home All Test Plans Notepad Editing Functions

Planning

Construction

Lab Management

Execution

Reports

Defects

Administration

Create Section

Table Of Contents

- 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
- Attachments
- Legacy Custom Field
- Show All Sections

Notepad Editing Functions

Test Plan Overview | View Snapshots

Discard Changes Save

Originator: Mary (Manager) State: Approved

This sub test plan covers the editing functions of Notepad.

Test Cases

Owned By: Amy (Architect) Status: New

Lists the test cases associated with a given plan. You can add and remove associations to test documents and create and associate a new test case. Removing a test case will remove the association to this test plan but not delete the test case.

Group by: Ungrouped

Show All Items per page Previous | 1 - 3 of 3 | Next

|                          | Id | Name               | State   | Theme | Category | Function | Weight | Modified      |
|--------------------------|----|--------------------|---------|-------|----------|----------|--------|---------------|
| <input type="checkbox"/> | 43 | Special Characters | Planned |       |          |          | -1     | 8 minutes ago |
| <input type="checkbox"/> | 44 | Scroll Bar         | Planned |       |          |          | -1     | 8 minutes ago |

Test Plan Workitems

- 52 Provide the Requirements ...
- 53 Provide the Test Cases Se...

Related Sites

- IBM Rational
- IBM Rational Quality Management

Done localhost:9443

# Demo: CQTM Migration

The screenshot shows the Rational Quality Manager (RQM) web application running in a Mozilla Firefox browser. The browser address bar shows the URL: `https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&sub`. The application header displays the user name "Mary (Manager)" and a "Log Out" link. Below the header, there is a search bar and navigation links for "Home", "Preferences", "Help", and "About".

The main content area is titled "Special Characters" and includes a "Create Section" button and a "Table Of Contents" section with the following items: Summary, Test Case Design, Review and Approvals, Requirements, Pre-Condition, Post-Condition, Expected Results, Test Scripts, Execution Work Items, Attachments, and History. There is also a "Show All Sections" checkbox.

The "Special Characters" section shows the following details:

- Originator: ADMIN
- State: In Progress
- Description: This test case covers entering special characters in the edit area.
- Owned By: Unassigned
- Status: New
- Theme: Unassigned
- Category: Unassigned
- Function: Unassigned
- Weight: -1 Points
- Description: This test case covers entering special characters in the edit area.

On the right side of the application, there is a "Related Sites" section with links to "IBM Rational" and "IBM Rational Quality Management". The browser status bar at the bottom shows "Done" and the address "localhost:9443".

# Demo: CQTM Migration

Getting Started

Home All Test Plans Notepad Editing Functions Special Characters

**Create Section**

Table Of Contents

- Summary
- Test Case Design
- Review and Approvals
- Requirements
- Pre-Condition
- Post-Condition
- Expected Results
- Test Scripts
- Execution Work Items
- Attachments
- History

Show All Sections

**Special Characters** Discard Changes Save

Test Case Overview | View Snapshots

Originator: ADMIN State: In Progress

This test case covers entering special characters in the edit area.

**Execution Work Items**

Owned By: Unassigned Status: New

Allows you to associate, create and generate execution items for an individual test case. Execution items contain detailed configuration information for the test case and the high level results from a test case execution. Detailed results are in the log files.

Group by: Ungrouped Type Filter Text

Show All Items per page Previous | 1 - 2 of 2 | Next

| Configuration            | Test Plan  | Iteration | Owner | Script | Status | Last Modified |
|--------------------------|------------|-----------|-------|--------|--------|---------------|
| <input type="checkbox"/> | Loading... |           | ADMIN | No     | New    | 8 minutes ago |
| <input type="checkbox"/> | Loading... |           | ADMIN | No     | New    | 8 minutes ago |

Related Sites

- IBM Rational
- IBM Rational Quality Management

Done localhost:9443

# Demo: CQTM Migration

View TmTestCase RSDC00000060 (mary.RSDC\_Demo@RSDC)

Main | Test Motivator | Execution | History | Legacy Data | Notes | Requirements

Inputs:

Pre-Conditions:

Custom 1:

Custom 2:

Custom 3:

Design:

Acceptance Criteria:

Post-Conditions:

Total Points:

Pass Points:

Test Case Files:



# Demo: CQTM Migration

Getting Started

Home All Test Plans Notepad Editing Functions

Create Section

Table Of Contents

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  
Attachments  
Legacy Custom Field

Notepad Editing Functions  
Test Plan Overview | View Snapshots

Discard Changes Save

Originator: Mary (Manager) State: Approved

This sub test plan covers the editing functions of Notepad.

Test Cases

Owned By: Amy (Architect) Status: New

Lists the test cases associated with a given plan. You can add and remove associations to test documents and create and associate a new test case. Removing a test case will remove the association to this test plan but not delete the test case.

Group by: Ungrouped

Show All Items per page Previous | 1 - 3 of 3 | Next

|                          | Id | Name               | State   | Theme | Category | Function | Weight | Modified     |
|--------------------------|----|--------------------|---------|-------|----------|----------|--------|--------------|
| <input type="checkbox"/> | 43 | Special Characters | Planned |       |          |          | -1     | 1 minute ago |
| <input type="checkbox"/> | 44 | Scroll Bar         | Draft   |       |          |          | 100    | 1 minute ago |

Done localhost:9443

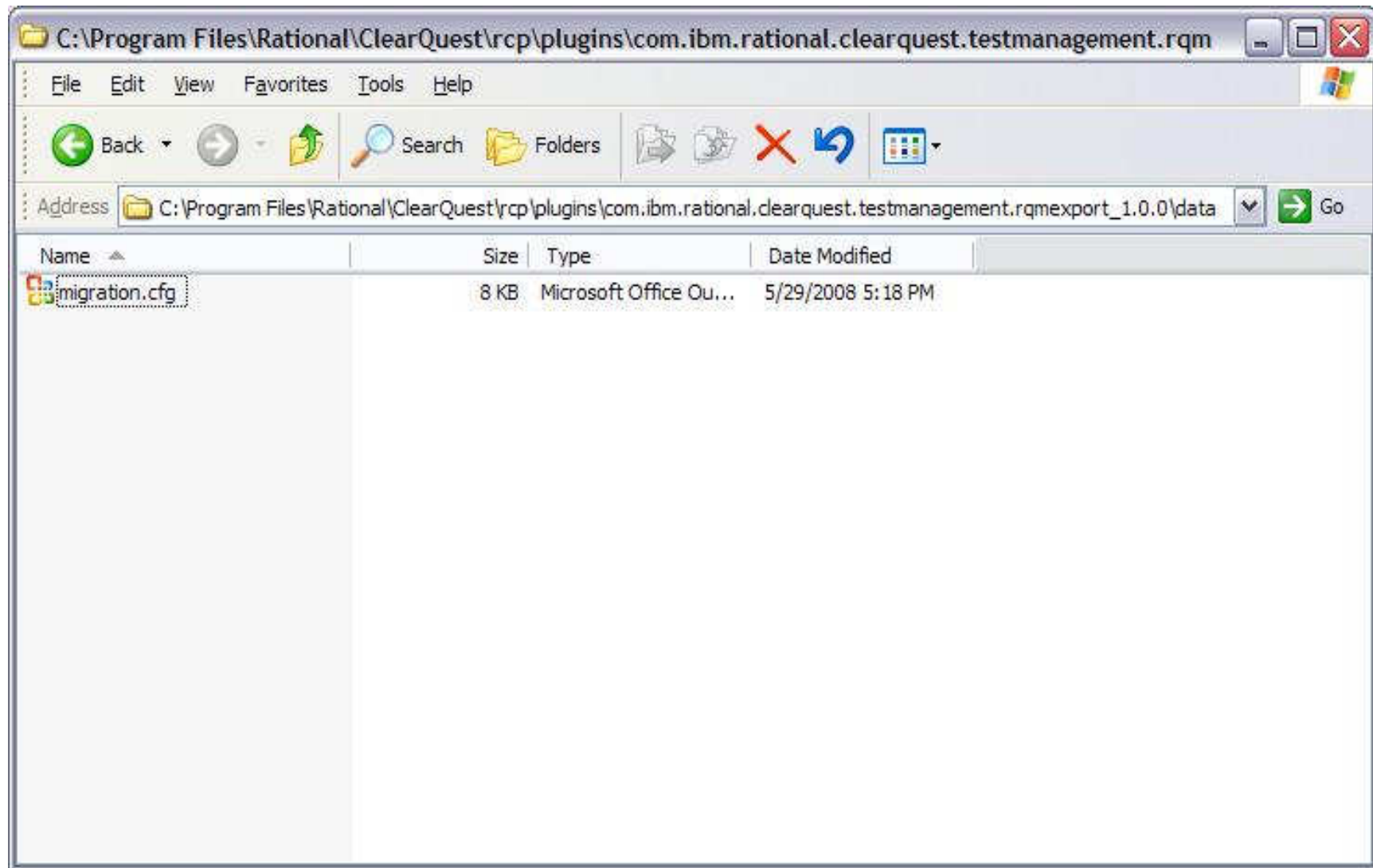
Test Plan Workitems

52 Provide the Requirements ...  
53 Provide the Test Cases Se...

Related Sites

IBM Rational  
IBM Rational Quality Management

# Demo: Customize



# Demo: Customize

```

migration.cfg - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="UTF-8"?>
<config>
  <!-- TEST CASE -->
  <field_mapping type="TMTestCase" target="TestCase" task="Test Cases">
    <mapping from="HeadLine" to="title"/>
    <mapping from="Description" to="summary type="text"/>
    <sub tag="author">
      <mapping from="owner.login_name" to="rqm:userid"/>
    </sub>
    <mapping from="Iterations.name" to="content type="text"/>
    <mapping from="State" to="rqm:state"/>
    <sub tag="content type="application/xml">
      <sub tag="div xmlns=">
        <sub tag="section">
          <label tag="id" data="Notes"/>
          <label tag="title" data="Notes"/>
          <mapping from="Notes_Log" to="summary"/>
          <mapping from="Notes_Entry" to="content"/>
        </sub>
        <sub tag="section">
          <label tag="id" data="LegacyAcceptanceCriteria"/>
          <label tag="title" data="Legacy Acceptance Criteria"/>
          <mapping from="LegacyAcceptanceCriteria" to="content"/>
        </sub>
        <sub tag="section">
          <label tag="id" data="LegacyPreConditions"/>
          <label tag="title" data="Legacy Pre Conditions"/>
          <mapping from="LegacyPreConditions" to="content"/>
        </sub>
        <sub tag="section">
          <label tag="id" data="LegacyPostConditions"/>
          <label tag="title" data="Legacy Post Conditions"/>
          <mapping from="LegacyPostConditions" to="content"/>
        </sub>
        <sub tag="section">
          <label tag="id" data="LegacyCustomField"/>
          <label tag="title" data="Legacy Custom Field"/>
          <mapping from="LegacyCustomi" to="content"/>
        </sub>
        <sub tag="section">
          <label tag="id" data="LegacyInputData"/>
          <label tag="title" data="Legacy Input Data"/>
          <mapping from="LegacyInputs" to="content"/>
        </sub>
        <sub tag="section">

```



# Demo: Customize

```
migration.cfg - Notepad
File Edit Format View Help

<sub tag="section">
  <label tag="id" data="LegacyPassPoints"/>
  <label tag="title" data="Legacy Pass Points"/>
  <mapping from="LegacyPassPoints" to="content"/>
</sub>
<sub tag="section">
  <label tag="id" data="LegacyFailPoints"/>
  <label tag="title" data="Legacy Fail Points"/>
  <mapping from="LegacyFailPoints" to="content"/>
</sub>
<sub tag="section">
  <label tag="id" data="History"/>
  <label tag="title" data="History"/>
  <mapping from="History" to="content"/>
</sub>
</sub>
</sub>
<mapping from="LegacyTotalPoints" to="rqm:weight"/>

<!-- TM "properties" RAPProject and Requirements_List are placeholders and can not be renamed -->
<mapping from="RAPProject" to="RAPProject"/>
<mapping from="Requirements_List" to="Requirements_List"/>

<mapping from="custom2" to="LegacyCustom2"/>
<mapping from="custom3" to="LegacyCustom3"/>
<mapping from="ExternalDocuments" to="LegacyFiles"/>
<mapping from="Points" to="LegacyTotalPoints"/>
<mapping from="PointsAttempted" to="LegacyAttemptedPoints"/>
<mapping from="design" to="LegacyDesign"/>
</field_mapping>

<!-- TEST PLAN -->
<field_mapping type="TMTestPlan" target="TestPlan" task="Test Plans">
  <mapping from="Headline" to="title"/>
  <mapping from="Description" to="summary type="text"/>
  <sub tag="author">
    <mapping from="owner.login_name" to="rqm:userid"/>
  </sub>
  <mapping from="state" to="rqm:state"/>
  <mapping from="ChildTestCases" to="testcase"/>
  <sub tag="content type="application/xml">
    <sub tag="div xmlns=">
      <sub tag="section">
        <label tag="id" data="Notes"/>
        <label tag="title" data="Notes"/>
      </sub>
    </sub>
  </sub>
</field_mapping>
```

# Demo: Customize

```
migration.cfg - Notepad
File Edit Format View Help

<sub tag="section">
  <label tag="id" data="LegacyPassPoints"/>
  <label tag="title" data="Legacy Pass Points"/>
  <mapping from="LegacyPassPoints" to="content"/>
</sub>
<sub tag="section">
  <label tag="id" data="LegacyFailPoints"/>
  <label tag="title" data="Legacy Fail Points"/>
  <mapping from="LegacyFailPoints" to="content"/>
</sub>
<sub tag="section">
  <label tag="id" data="History"/>
  <label tag="title" data="History"/>
  <mapping from="History" to="content"/>
</sub>
</sub>
</sub>
<!-- <mapping from="LegacyTotalPoints" to="rqm:weight"/> -->
<mapping from="LegacyCustom3" to="rqm:weight"/>

<!-- TM "properties" RAPProject and Requirements_List are placeholders and can not be renamed -->
<mapping from="RAPProject" to="RAPProject"/>
<mapping from="Requirements_List" to="Requirements_List"/>

<mapping from="custom2" to="LegacyCustom2"/>
<mapping from="custom3" to="LegacyCustom3"/>
<mapping from="ExternalDocuments" to="LegacyFiles"/>
<mapping from="Points" to="LegacyTotalPoints"/>
<mapping from="PointsAttempted" to="LegacyAttemptedPoints"/>
<mapping from="design" to="LegacyDesign"/>
</field_mapping>

<!-- TEST PLAN -->
<field_mapping type="TMTestPlan" target="TestPlan" task="Test Plans">
  <mapping from="Headline" to="title"/>
  <mapping from="Description" to="summary type="text"/>
  <sub tag="author">
    <mapping from="owner.login_name" to="rqm:userid"/>
  </sub>
  <mapping from="state" to="rqm:state"/>
  <mapping from="ChildTestCases" to="testcase"/>
  <sub tag="content type="application/xml">
    <sub tag="div xmlns=">
      <sub tag="section">

```

# Demo: Customize

Getting Started

Home All Test Plans Notepad Editing Functions

Create Section

Table Of Contents

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

Attachments

Legacy Custom Field

Show All Sections

Notepad Editing Functions

Discard Changes Save

Test Plan Overview | View Snapshots

Originator: Mary (Manager) State: Approved

This sub test plan covers the editing functions of Notepad.

Test Cases

Owned By: Amy (Architect) Status: New Authoring

55

Lists the test cases associated with a given plan. You can add and remove associations to test documents and create and associate a new test case. Removing a test case will remove the association to this test plan but not delete the test case.

Group by: Ungrouped Type Filter Text

Show All Items per page Previous | 1 - 3 of 3 | Next

|                          | Id | Name               | State   | Theme | Category | Function | Weight | Modified     |
|--------------------------|----|--------------------|---------|-------|----------|----------|--------|--------------|
| <input type="checkbox"/> | 43 | Special Characters | Planned |       |          |          | -1     | 1 minute ago |
| <input type="checkbox"/> | 44 | Scroll Bar         | Draft   |       |          |          | 50     | 1 minute ago |

Done localhost:9443

Test Plan Workitems

52 Provide the Requirements ...

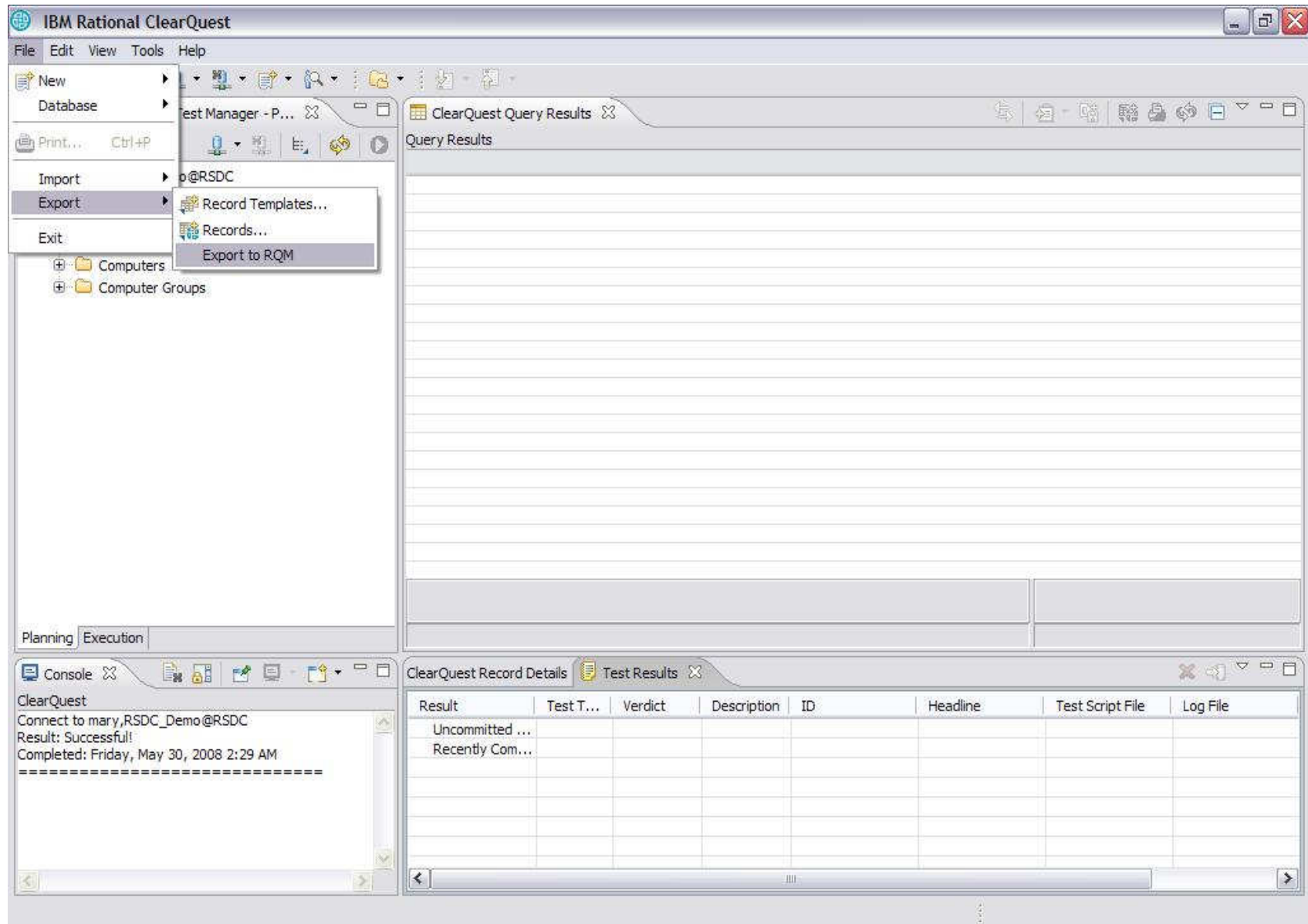
53 Provide the Test Cases Se...

Related Sites

IBM Rational

IBM Rational Quality Management

# Demo: Export to File and Manually Post





# Demo: Export to File and Manually Post



# Demo: Export to File and Manually Post

**Export CQTM records to RQM**

Enter the RQM Server URL and login information.

Export to RQM Server:

RQM Server location:

Login name:

Login password:

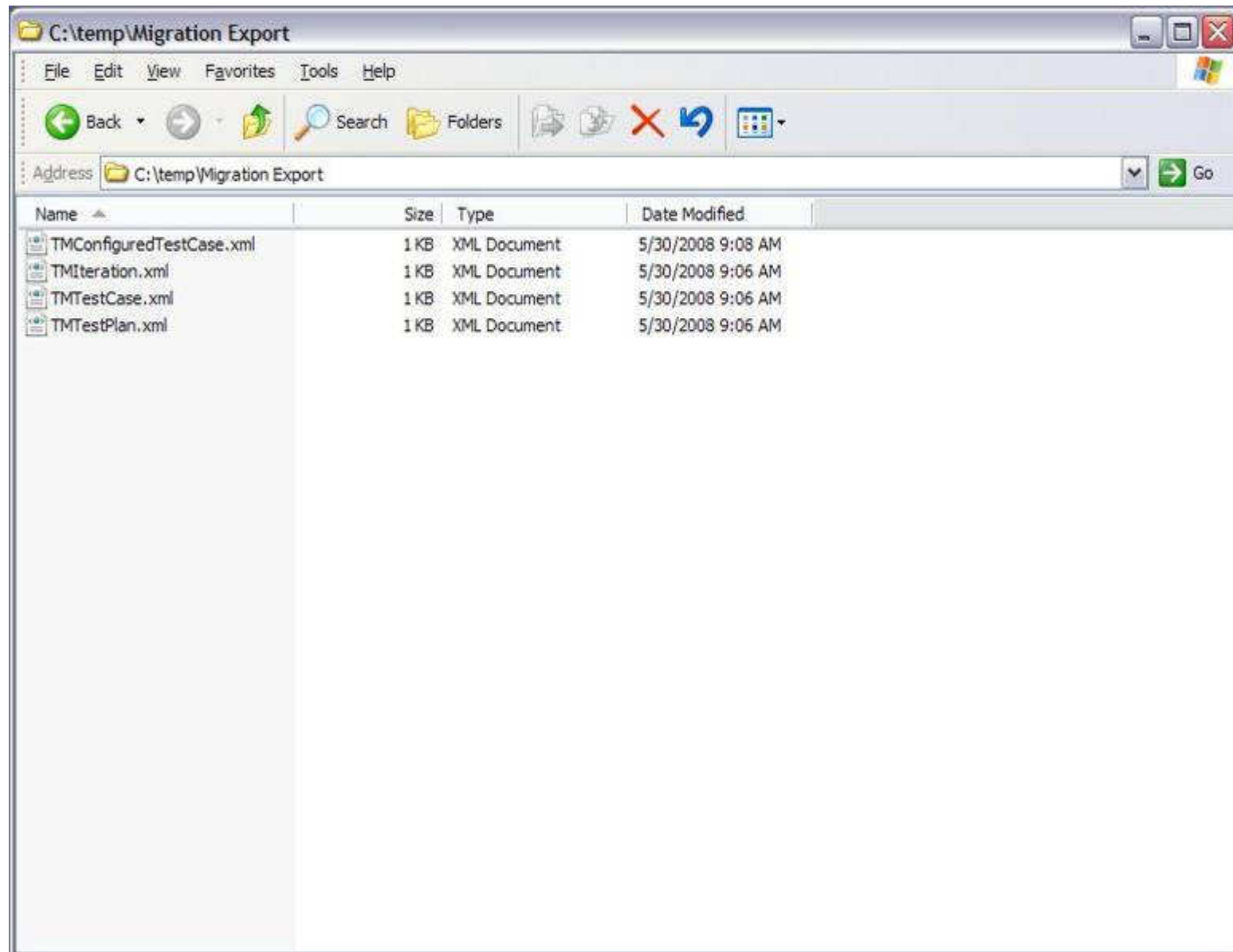
Export to file system:

Choose export location:

< Back   Next >   Finish   Cancel



# Demo: Export to File and Manually Post



# Demo: Export to File and Manually Post

```
TMTestPlan.xml - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8"?>
<feed xmlns="http://www.w3.org/2005/Atom"
xmlns:rqm="http://schema.ibm.com/rqm/2007#TMTestPlan"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <entry>
    <id>../testplan/RSDC00000077</id>
    <content type="application/xml">
      <div xmlns="">
        <section>
          <summary></summary>
          <content></content>
          <title>Legacy Custom Field</title>
          <id>LegacyCustomField</id>
        </section>
      </div>
    </content>
    <author> <rqm:userid>mary</rqm:userid> </author>
    <title>Test Plan 1</title>
    <summary type="text"></summary>
    <link rel="testcase" href="../testcase/RSDC00000079"></link>
    <rqm:state>Draft</rqm:state></entry>
</feed>
```

# Demo: Export to File and Manually Post

```
TMTestPlan.xml - Notepad
File Edit Format View Help
<?xml version="1.0" encoding="utf-8"?>
<feed xmlns="http://www.w3.org/2005/Atom"
xmlns:rqm="http://schema.ibm.com/rqm/2007#TMTestPlan"
xmlns:xsi="http://www.w3.org/2001/XMLSchema-instance">
  <entry>
    <id>../testplan/RSDC00000077</id>
    <content type="application/xml">
      <div xmlns="">
        <section>
          <summary></summary>
          <content></content>
          <title>Legacy Custom Field</title>
          <id>LegacyCustomField</id>
        </section>
      </div>
    </content>
    <author> <rqm:userid>mary</rqm:userid> </author>
    <title>Notepad Integration</title>
    <summary type="text"></summary>
    <link rel="testcase" href="../testcase/RSDC00000079"></link>
    <rqm:state>Draft</rqm:state></entry>
</feed>
```

# Demo: Export to File and Manually Post

The screenshot shows the Rational Quality Manager (RQM) ADMIN's Dashboard. On the left is a 'Poster' sidebar for manual posting. The main dashboard area includes a navigation menu, a search bar, and several widgets. The 'My Tasks' widget displays a table of tasks:

| Id           | Summary  |
|--------------|--|
| Authoring 99 | Provide the Test Cases Section for Iteration 1   |
| Authoring 98 | Provide the Requirements Section for Iteration 1 |
| Authoring 97 | Provide the Test Cases Section for Iteration 1   |

Other visible widgets include 'Requests' (showing 'No items found') and 'Reservations' (showing 'My Active Res'). The browser address bar shows the URL: `https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&su`.



# Demo: Export to File and Manually Post

Dashboard: ADMIN's Dashboard > General - Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&su

Getting Started

Poster

Request

Select a file or enter content to POST or PUT to a URL and then specify the mime type you'd like or just use the GET, HEAD, or DELETE methods on a URL.

URL: qm.integration.service.IntegrationService/testplan

File:  Browse...

Content Type: text/xml

User Auth:   Google Login

Settings: Save Import Store

Actions

GET POST PUT DELETE HEAD

OPTIONS PROPFIND COPY MOVE

Content to Send

Headers Parameters Parameter Body Encode

```
<summary type="text"></summary>
<link rel="testcase"
href="..../testcase/RSDC00000079"></link>
<rqm.state>Draft</rqm.state>
</entry>
</feed>
```

ADMIN's Dashboard

Home

Welcome

Welcome to IBM Rational Quality Manager

IBM Rational Quality Manager

Go to Defects...

My Tasks

| Id           | Summary  |
|--------------|--|
| Authoring 99 | Provide the Test Cases Section for Iteration 1   |
| Authoring 98 | Provide the Requirements Section for Iteration 1 |
| Authoring 97 | Provide the Test Cases Section for Iteration 1   |

Requests

View: My Open Req

Show All Items

ID Summary Cr

No items found.

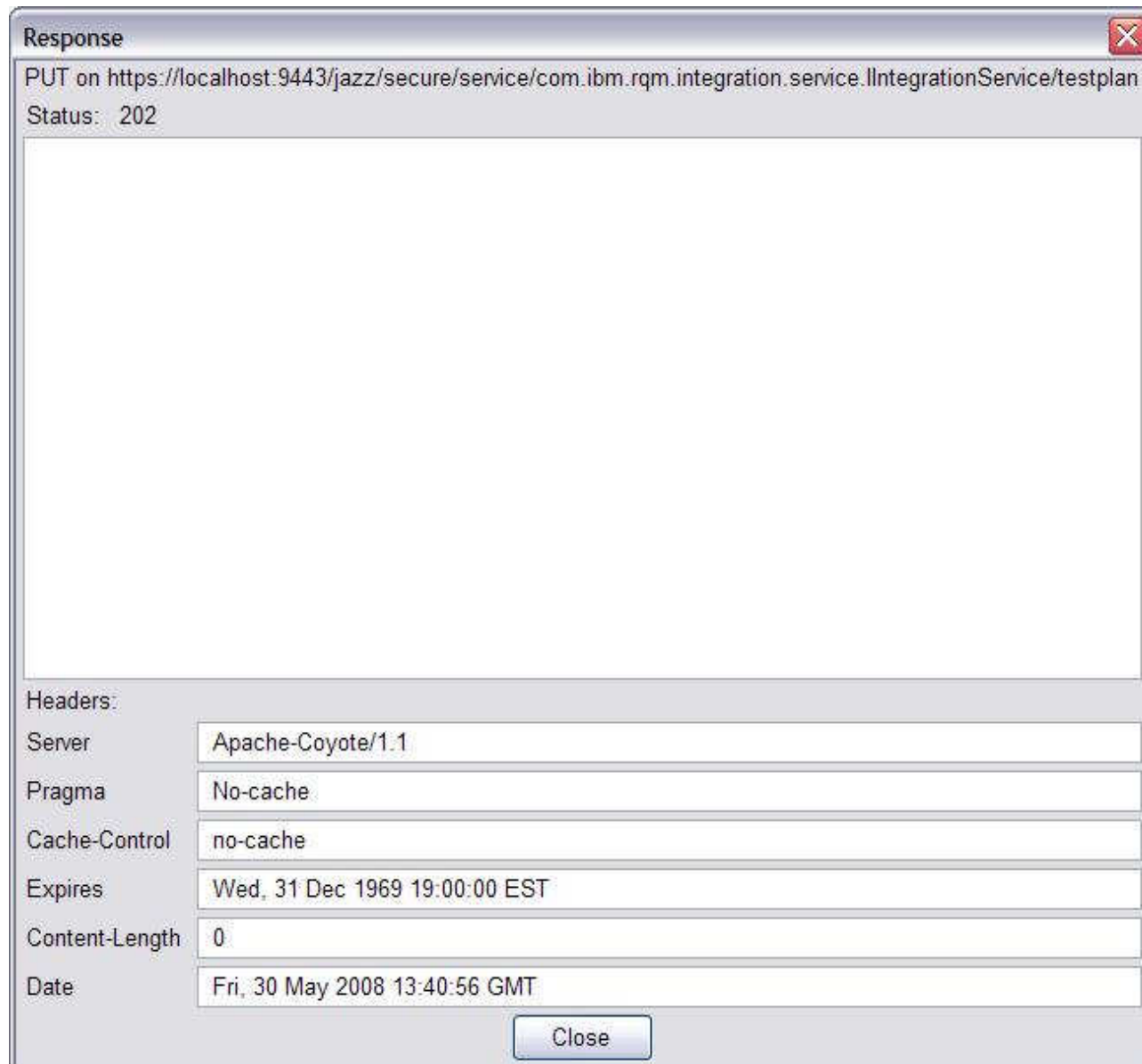
Reservations

View: My Active Res

Show All Items

Done localhost:9443

# Demo: Export to File and Manually Post





# Demo: Export to File and Manually Post

Jazz - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/web/console/QM#action=com.ibm.rqm.planning.home.actionDispatcher&su

Getting Started

Poster

Request

Select a file or enter content to POST or PUT to a URL and then specify the mime type you'd like or just use the GET, HEAD, or DELETE methods on a URL.

URL:

File:  Browse...

Content Type: text/xml

User Auth:   Google Login

Settings: Save Import Store

Actions

GET POST PUT DELETE HEAD

OPTIONS PROPFIND COPY MOVE

Content to Send

Headers Parameters Parameter Body Encode

Rational Quality Manager

Type to Search

Home Notepad Integration

Create Section

Table Of Contents

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

Attachments

Legacy Custom Field

Show All Sections

Notepad Integration

Discard Changes

Test Plan Overview | View Snapshots

Originator: ADMIN State: In Progress

Summary

Owned By: Unassigned Status:

New

Overview of the test plan.

Description:

< Add Content >

Done localhost:9443

# Demo: Export to File and Manually Post

Quality Manager: testplan - Mozilla Firefox

File Edit View History Bookmarks Tools Help

https://localhost:9443/jazz/secure/service/com.ibm.rqm.integration.service.IIntegrationService/testplan

Getting Started

Poster

Request

Select a file or enter content to POST or PUT to a URL and then specify the mime type you'd like or just use the GET, HEAD, or DELETE methods on a URL.

URL:

File:  Browse...

Content Type: text/xml

User Auth:   Google Login

Settings: Save Import Store

Actions

GET POST PUT DELETE HEAD

OPTIONS PROPFIND COPY MOVE

Content to Send

Headers Parameters Parameter Body Encode

Done

[Calculator FVT](#)

This is the test plan for the functional verification of the Calculator application.

[Notepad FVT](#)

This is the test plan for the functional verification of the Notepad application.

[Notepad File Menu Functions](#)

This sub test-plan covers the Notepad File menu functions.

[Notepad Editing Functions](#)

This sub test plan covers the editing functions of Notepad.

[Notepad View Menu Functions](#)

This sub test-plan covers the Notepad View menu functions.

[Notepad Help Menu Functions](#)

This sub test-plan covers the Notepad Help menu functions.

[Notepad Format Menu Functions](#)

This sub test-plan covers the Notepad Format menu functions.

[Notepad Edit Menu Functions](#)

This sub test-plan covers the Notepad Edit menu functions.

**[Notepad Integration](#)**