

# IBM RQM Integration Adapter Datasheet



## A SNEAK PEEK

**Kovair RQM Adapter** integrates IBM RQM with other best-of-breed ALM tools and provides a centralized view of the unified software development.



## BENEFITS & FEATURES

- ❖ Capture test artifacts from RQM and link them to requirements, defects, development work items and builds in other tools of various ALM functions.
- ❖ Execute RQM test cases linked with Automated Test Script directly from Kovair Application.
- ❖ Enable direct execution of IBM Rational Functional Tester (RFT) scripts associated with RQM Test Cases
- ❖ Collect and view detailed information about test execution results from RQM such as test case name and id, start time and end time of a test execution, test result status (pass and fail), test scripts details, test result steps with description and the name of test case owner.
- ❖ Analyze successful and failed test cases generated in RQM tool.
- ❖ Create customized dashboards in Kovair for consolidated view of testing procedures and test progress.
- ❖ Direct Import of View complete traceability between Test cases, Test scripts, Test results and Test result steps.

## OVERVIEW

IBM Rational Quality Manager (RQM) is a web based centralized test management solution for businesses that count on quality-driven software and systems delivery. It's collaborative and customizable solution for test planning, workflow control, tracking, and metrics reporting help teams align project decisions and deliverables with business objectives. Kovair Omnibus allows users to create a seamless development and test environment consisting of RQM and other best of breed tools from different vendors.

## KOVAIR IBM RQM INTEGRATION ADAPTER

The Kovair RQM Adapter exposes Test Plan, Test Suite, Test Case, Test Script, Step, Test Result, Result Step and Build from Rational Quality Manager and enables bi-directional synchronization between RQM and other best-of-breed tools connected to Omnibus. Kovair supports the latest stable version of RQM 5.0. Using Kovair Omnibus, RQM users can perform the entire Test Management process starting from test execution of IBM RFT scripts to test reporting from within Kovair. Once the RQM tool is synchronized with Kovair Omnibus, all the relevant Test artifacts in RQM automatically appears in Kovair.

The integration solution has two components – RQM 5.0 adapter, which is a web service and RQM Event Service, which is a Windows service

Currently, Kovair Omnibus supports IBM RQM Version 5.0, 6.0. For future releases, please visit [this page](#).

## WHY INTEGRATE IBM RQM WITH KOVAIR

- **Seamless Tool and Team Collaboration** - By integrating Rhapsody with Requirements Management tools such as Jama, DOORS NextGen and IDEs like Eclipse and Visual Studio, Kovair enables other team members to gain access to UML diagrams from within their own tools. Developers can also view and consult design models for coding from within their preferred IDEs. The integration provides a convenient way of accessing design artifacts in a multi-tool environment and developing applications using them collaboratively.
- **Streamlined Development** - It is important that Business analysts, Testers and Developers stay connected to each other throughout the development stages, no matter what tool or technology platform they use and from what location. Kovair establishes an integrated development environment for

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- ❖ Integrate test artifacts from RQM with any another defect Management tool for issue resolution.



## SYSTEM REQUIREMENTS

### ❖ Operating Systems:

**Windows 2008 Server  
Windows 2008 Server R2  
Server**

### ❖ Databases:

**SQL Server 2008 or  
Higher Version,**

### ❖ IIS: IIS 7.0 or Higher

### ❖ .Net Framework: 4.0 or Higher

### ❖ Other Software: Java Runtime Environment

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- **Integrated Test Management** - With the increasing complexity in testing scenarios, testers need to take open and flexible approach of test management. Kovair RQM integration adapter enables testing teams to manage the entire test lifecycle in a heterogeneous environment. For example, when RQM is integrated with a 3rd party Requirement management tool like Jama through Omnibus Integration Platform, requirements from Jama can seamlessly flow to RQM. Similarly, test artifacts from RQM can flow to a defect management tool like JIRA or Bugzilla, when both are connected to Omnibus. The Bus like architecture of Omnibus Platform ensures that any tool connected to Omnibus can easily plug in and plug out with RQM and there is a continuous flow of data between any two tools at any point of time.
- **Increased Productivity** - Kovair Omnibus enables developers and testers to access the relevant cross-tool artifacts from their preferred tool environment. They do not need to learn new tools or log into the different tools to access the records which saves time and effort.
- **End-to-end Traceability** - When RQM is integrated with Kovair Omnibus, developers can link change requests and defects to code files whereas testers can link defects to test cases and requirements. Thus a complete traceability chain can be established throughout the product development stages.
- **Test Reporting** - The Kovair-RQM integration allows Senior Management to access Test Cases, Test Scripts, and Test Results in RQM from within Kovair and generate Test reports and Dashboards based on different Test metrics. The analysis of different test metrics helps evaluate testing procedures, identify the area of improvements and helps taking subsequent actions.
- **OSLC Linking Support** - Kovair supports both synching and linking feature between RQM and other non-OSLC tools using Kovair OSLC Provider for RQM. This allows RQM users to create new artifacts in HP Quality Center, TFS, SharePoint, JIRA and similar OSLC non-compatible tools from within RQM. Thus, Kovair RQM adapter synchronizes development teams' effort; helps reducing defects and escalates product delivery schedules.

Note: The adapter as developed and offered by Kovair follows the subject tool's standard specifications. Any deviations from the tool's typical use pattern may not have been anticipated in our off-the-shelf product. For any customization or special configuration needs, please contact Kovair Sales - sales@kovair.com  
Kovair Software Inc.: Kovair is a California based software product company specializing in the domain of Application Lifecycle Management (ALM). Kovair's focus on integrating third party best-of-breed ALM tools enables creation of applications in a synchronized tools environment.

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