IBM Rational Quality Manager V4.0.1 delivers improved quality management for software and systems delivery

Table of contents
1 Overview
2 Key prerequisites
2 Planned availability date
2 Description
3 Program number
4 Publications
4 Technical information
8 Ordering information
15 Terms and conditions
17 Prices
18 Announcement countries

At a glance

Rational® Quality Manager V4.0.0 delivers:

- New traceability and live views
- Improved test planning and formal review
- Project-level templates and process customization
- Assisted writing of manual testing that takes advantage of Rational Functional Tester recording
- Improved integration of requirements
- Improved usability and customer experience

Overview

Rational Quality Manager assists organizations of all sizes and levels of complexity to optimize organizational quality by introducing quality early in the application lifecycle and by coordinating quality processes and teams throughout the lifecycle.

Rational Quality Manager V4.0.1 offers these main enhancements:

- Optimized flow of key test management scenarios, including direct editing of test artifact data within the existing table views, editing saved queries, using test plans to filter test cases in the table view, or the ability to add custom categories to organize test data.
- Improved support of regulatory environment requirements through new process configuration options. For example, you can configure an artifact to auto-lock or unlock whenever an artifact changes to a specific state.
- Publicly available test execution adapter API enabling the creation of custom test execution adapters that serve as bridges with test automation tools.
- Capture of images while authoring test scripts using the manual test script editor.

For organizations looking for a complete collaborative lifecycle management (CLM) solution, IBM® delivers Rational Requirements Composer, Rational Team Concert™, and Rational Quality Manager in one easy-to-install and easy-to-use solution that can be optimized for agile or traditional teams.

By purchasing the three products that make up the Rational CLM solution, organizations have what they need to make software delivery a strategic
business asset: real-time planning, lifecycle traceability, in-context collaboration, development intelligence, and continuous improvement.

Rational Quality Manager is part of a larger vision described in The IBM Rational Jazz™ Initiative, which is designed to advance the way teams collaborate to deliver software products and systems. For more information on the Jazz initiative, visit http://jazz.net/about

Key prerequisites

For details, refer to the Hardware requirements and the Software requirements sections.

Planned availability date

November 27, 2012: Electronic availability

December 14, 2012: Media availability

Refer to the Availability of national languages section for national language availability.

Description

Rational Quality Manager is a web-based centralized test management solution for systems and IT decision makers and quality professionals. Rational Quality Manager is a collaborative and customizable solution for test planning, test construction and execution, workflow control, tracking and metrics reporting capable of quantifying how project decisions and deliverables affect and align with business objectives.

Rational Quality Manager drives collaboration and productivity across the quality lifecycle, enabling teams to seamlessly share information, to use automation to accelerate project schedules, and to report on project metrics for informed release decisions. With Rational Quality Manager you can do the following:

- Manage risk by prioritizing the features and functions to be tested based on their significance and the likelihood and impact of failure
- Assess your readiness for delivery with advanced reporting capabilities that address the concerns and needs of quality managers, business analysts, and release managers
- Take advantage of user-defined dashboards that provide at-a-glance access to the information most critical to your role
- Better support geographically distributed team communication in context with features such as event feeds, integrated chat, and automated traceability
- Accelerate manual testing using rich text, inline images, and assisted data entry and validation for precise test definition and execution
- Track, manage, and reserve physical and virtual test lab assets

Rational Quality Manager V4.0.1 offers new ways to explore and edit test artifacts, making testers’ daily jobs easier. Test case table view can be filtered by one or more test plans. You can see your progress based on priority, to ensure that you are completing all of your high-priority testing and that your team is focused on the right areas. The ability to see test case categories and filter on them in the Test Case Execution Record view, as well as test suite categories in the TCER view, enables you to track progress and results against specific goals. You can directly modify test case names, owner, priority, estimate, and other fields from the table view when browsing a set of test cases. You can also define custom categories for test data as a way to better organize those artifacts.
Rational Quality Manager V4.0.1 comes with a new set of customization points, enabling you to better support specific quality management processes and regulatory requirements. Three new precondition policy advisers related to running manual tests are available:

- Mandate actual result for every step
- Mandate actual result when step fails
- Mandate actual result when step blocks

These preconditions are enforced when a tester runs a manual script or edits a result. Another customization point adds the ability to automatically lock or unlock a test artifact whenever it changes to a specific state. This enables you to enforce a more strict process work flow around a specific type of test artifact.

The new test execution adapter public API enables the creation of a custom test execution adapter to integrate any kind of test automation tools with Rational Quality Manager V4.0.1. You can configure your custom adapter type with details like name, description, and required and optional properties for your custom external script type with default values. You can customize the external script type editor, how execution updates are displayed in the execution progress view, and define custom result details to be shown in the test case result editor.

In Version 4.0.1, the manual test script authoring experience is improved with the ability to capture images directly from the test script editor with two approaches:

- A Java™ Web Start application that launches from your browser when you start to insert an image into a script. It enables you to capture an image with a configurable size and then mark up the image before you insert it into a manual test step.
- Using Mozilla Firefox, you insert images from your clipboard into manual script steps. This means that you can use your favorite screen capture tool to grab an image, copy it to your clipboard, and then paste it from the clipboard into your script step.


### Availability of national languages

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### Program number

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Offering Information

Product information is available via the Offering Information website

http://www.ibm.com/common/ssi

Also, visit the Passport Advantage® website

http://www.ibm.com/software/passportadvantage

Publications

No publications are shipped with this product.

The IBM Publications Center

http://www.ibm.com/shop/publications/order

The Publications Center is a worldwide central repository for IBM product publications and marketing material with a catalog of 70,000 items. Extensive search facilities are provided. Payment options for orders are via credit card (in the U.S.) or customer number for 20 countries. A large number of publications are available online in various file formats, and they can all be downloaded by all countries.

Technical information

Specified operating environment

Hardware requirements
- Disk space: 1 GB minimum
- Display: Minimum of 1024 X 768 resolution
- Memory: 2 GB minimum; 4 GB recommended

Software requirements
Application servers
- WebSphere® Application Server - Express® V8.0.0.2 and future fix packs
- WebSphere Application Server - Express V7.0.0.23 and future fix packs
- WebSphere Application Server for z/OS®, V7.0.0.23 and future fix packs
- WebSphere Application Server for z/OS, V8.0.0.3 and future fix packs
- WebSphere Application Server Network Deployment V7.0.0.23 and future fix packs
- WebSphere Application Server Network Deployment V8.0.0.3 and future fix packs
- WebSphere eXtreme Scale V7.1.1 and future fix packs
- WebSphere Application Server - Base V7.0.0.23 and future fix packs
- WebSphere Application Server OEM Edition for z/OS, V7.0 and future fix packs
- Apache Tomcat V7.0 and future fix packs

Databases
- DB2® Express-C V9.7 and future fix packs
- DB2 Workgroup Server Edition V9.5 and future fix packs
- DB2 Enterprise Server Edition V9.5 and future fix packs
• DB2 Express Edition V9.5 and future fix packs
• DB2 Enterprise Server Edition V9.7 and future fix packs
• DB2 Workgroup Server Edition V9.7 and future fix packs
• DB2 Express Edition V9.7 and future fix packs
• Oracle Database 10g Enterprise Edition Release 2 V10.2.0.1 and future fix packs
• IBM Derby SDK V10.8 and future fix packs
• Oracle Database 11g Enterprise Edition Release 2 V11.2.0.2 and future fix packs
• DB2 9 for z/OS V9.1 and future fix packs
• DB2 for i V7.1 and future fix packs
• DB2 for i V6.1 and future fix packs
• IBM DB2 10 for z/OS , V10.1 and future fix packs
• Microsoft SQL Server Enterprise Edition 2008 SP1 and future fix packs
• Microsoft SQL Server Standard Edition 2008 SP1 and future fix packs
• Microsoft SQL Server Standard Edition 2008 R2 and future fix packs
• Microsoft SQL Server Enterprise Edition 2008 R2 and future fix packs
• Microsoft SQL Server Express 2008 SP1 and future fix packs
• Oracle Real Application Clustering (Oracle 11g Release 2) and future fix packs
• Oracle Database 10g Standard Edition Release 2 V10.2.0.1 and future fix packs
• Oracle Database 11g Standard Edition Release 2 V11.2.0.2 and future fix packs

Eclipse runtime environment -- IBM Eclipse SDK 3.5.2 (Bundled)

Web servers
• Apache Server V2.2.19 and future fix packs
• IBM HTTP Server V7.0 and future fix packs
• IBM HTTP Server V8.0 and future fix packs

Identity management
• Apache Directory Server V1.5.5 and future fix packs
• IBM Tivoli® Directory Server V6.3 and future fix packs
• IBM RACF® for z/OS V1R11 and future fix packs
• Microsoft Active Directory 2008 and future fix packs
• Microsoft Active Directory 2008 R2 and future fix packs

Installation
• Capilano Components ( IBM Installation Manager and IBM Packaging Utility) V1.6 and future fix packs
• Capilano Components ( IBM Installation Manager and IBM Packaging Utility) V1.5.2 and future fix packs

Licensing
• Rational License Key Server V8.1.3.2 and future fix packs
• Rational License Key Server V8.1.2 and future fix packs
• Rational License Key Server V8.1.2.2 and future fix packs

Java SDK
• IBM Java SDK V5.0.14 and future fix packs
• IBM Java SDK V6.0.11 and future fix packs
• IBM Java SDK V6.0.1.1 (J9 2.6) and future fix packs
- Oracle Java SDK/JRE/JDK V7.0 and future fix packs
- IBM Java SDK/JREV 7.0 and future fix packs
- Sun Java SDK/JRE/JDK V6.0 Update 23 and future fix packs
- IBM Java SDK V6.0.10.1 and future fix packs

**Web browsers**
- Google Chrome 21 and future releases, modification levels and fix packs
- Apple Safari 5.1 and future fix packs
- Microsoft Internet Explorer 9.0 and future fix packs
- Microsoft Internet Explorer 8.0 and future fix packs
- Mozilla Firefox ESR 10 and future fix packs

**Operating systems**

**IBM AIX®**
- AIX V6.1 POWER® System
- AIX V7.1 POWER System

**IBM i**
- IBM i V7.1 POWER System
- IBM i V6.1 POWER System

**Linux™**
- Red Hat Enterprise Linux (RHEL) Client 6 x86-64
- RHEL Server 6 x86-64
- RHEL 5 Update 5 Desktop editions x86-64
- SUSE Linux Enterprise Desktop (SLED) 10.0 SP2 x86-64
- SUSE Linux Enterprise Server (SLES) 10 SP2 x86-32
- SLES 10 SP2 System z®
- SLES 10 SP2 x86-64
- SLES 10 SP2 POWER System
- SLED 10.0 SP2 x86-32
- RHEL 5 Update 5 Desktop editions x86-32
- Ubuntu 10.04 LTS x86-64
- RHEL Client 6 x86-32
- RHEL Server 6 POWER System
- RHEL Server 6 x86-32
- SLES 11 x86-64
- RHEL 5 Update 5 Server x86-64
- RHEL 5 Update 5 Advanced Platform x86-32
- SLES 11 POWER System
- RHEL 5 Update 5 Advanced Platform System z
- SLES 11 x86-32
- SLES 11 System z
- SLED 11.0 x86-64
- SLED 11.0 x86-32
- RHEL Server 6 System z
- RHEL Workstation 6 x86-64
- RHEL Workstation 6 x86-32
- RHEL 5 Update 5 Advanced Platform POWER System
- RHEL 5 Update 5 Advanced Platform x86-64
- Ubuntu 10.04 LTS x86-32

Mac OS
- Mac OS X Snow Leopard 10.6 x86-32
- Mac OS X Snow Leopard 10.6 x86-64
- Mac OS X Lion 10.7 x86-32
- Mac OS X Lion 10.7 x86-64

Solaris
- Solaris 10 SPARC
- Solaris 11 SPARC

Microsoft Windows™
- Windows Server 2003 SP2 Enterprise Edition x86-64
- Windows Server 2003 R2 Standard Edition x86-32
- Windows Server 2008 R2 Standard Edition x86-64
- Windows Server 2003 SP2 Enterprise Edition x86-32
- Windows 7 Enterprise x86-64
- Windows Vista SP2 Business x86-64
- Windows 7 Ultimate x86-64
- Windows Server 2008 SP2 Enterprise Edition x86-64
- Windows Server 2003 R2 SP2 Enterprise Edition x86-64
- Windows Vista SP2 Enterprise x86-32
- Windows 7 Professional x86-32
- Windows Server 2003 R2 SP2 Enterprise Edition x86-32
- Windows 7 Ultimate x86-64
- Windows Vista SP2 Ultimate x86-64
- Windows 7 Professional x86-64
- Windows Server 2008 R2 Enterprise Edition x86-64
- Windows Vista SP2 Enterprise x86-64
- Windows XP SP2 Professional x86-64
- Windows Vista SP2 Business x86-64
- Windows XP SP2 Professional x86-64
- Windows Vista SP2 Enterprise x86-64
- Windows XP SP2 Professional x86-32
- Windows 7 Professional x86-64
- Windows Server 2003 R2 Standard Edition x86-64
- Windows 7 Enterprise x86-32
- Windows Vista SP2 Business x86-32
- Windows 7 Ultimate x86-32
- Windows Server 2003 R2 SP2 Web Edition x86-64
- Windows Vista SP2 Ultimate x86-64
- Windows Server 2003 SP2 Standard Edition x86-64
- Windows Vista SP2 Enterprise x86-64
- Windows XP SP2 Web Edition x86-64
- Windows Vista SP2 Ultimate x86-64
- Windows Server 2003 R2 SP2 Web Edition x86-32
- Windows 7 Enterprise x86-64
Windows Server 2003 SP2 Standard Edition x86-32
Windows Server 2008 SP2 Standard Edition x86-64
Windows Vista SP2 Ultimate x86-32

IBM z/OS
- z/OS V1.9 System z
- z/OS V1.10 System z
- z/OS V1.12 System z
- z/OS V1.13 System z
- z/OS V1.11 System z

The program’s specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a README file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Software Subscription and Support (also referred to as Software Maintenance) is included with licenses purchased through Passport Advantage and Passport Advantage Express. Product upgrades and technical support are provided by the Software Subscription and Support (also referred to as Software Maintenance) offering as described in the Agreements. Product upgrades provide the latest versions and releases to entitled software, and technical support provides voice and electronic access to IBM support organizations, worldwide.

IBM includes one year of Software Subscription and Support (also referred to as Software Maintenance) with each program license acquired. The initial period of Software Subscription and Support (also referred to as Software Maintenance) can be extended by the purchase of a renewal option, if available.

Packaging
Rational Quality Manager

Security, auditability, and control

The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Global Technology Services

Contact your IBM representative for the list of selected services available in your country, either as standard or customized offerings for the efficient installation, implementation, or integration of this product.

Ordering information

For ordering information, consult your IBM representative or authorized IBM Business Partner, or visit


This product is only available via Passport Advantage. It is not available as shrinkwrap.
## Product information

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## Charge metrics definitions

### Install

Install is a unit of measure by which the program can be licensed. An install is an installed copy of the program on a physical or virtual disk made available to be executed on a computer. Licensee must obtain an entitlement for each install of the program.

### Passport Advantage program licenses

#### Rational Quality Manager

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Rational Quality Manager

Part description                                         Part number

IBM Rational Quality Manager Contributor
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Ratl Qual Mgr Contributor Per Author User Single Install Init1 FT Lic+S&S  D05VCLL
Ratl Qual Mgr Contributor Per Author User Single Install Lic + SW S&S 12 Mo  D05T9LL
Ratl Qual Mgr Contributor Per Author User Single Install SW S&S Reinstate  D05TALL
Ratl Qual Mgr Contributor Per Author User Single Install Subsq FT Lic+S&S  E05N4LL
Ratl Qual Mgr Contributor Per Floating User Single Inst Annual Sw S&S Rnw1  E06JILL
Ratl Qual Mgr Contributor Per Floating User Single Inst Init1 FT Lic+S&S 1  D0CB6LL
Ratl Qual Mgr Contributor Per Floating User Single Inst Lic + SW S&S 12 Mo  D087SLL
Ratl Qual Mgr Contributor Per Floating User Single Inst SW S&S Reinstate 1  D087TLL
Ratl Qual Mgr Contributor Per Floating User Single Inst Subsq FT Lic+S&S 1  E08HNLL

Rational Quality Manager

Part description                                         Part number

IBM Rational Quality Manager Quality Professional for Workgroups
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Annual Sw S&S Rnw1  E0FA2LL
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Init1 FT Lic+S&S 12 Mo  DOVQKQLL
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Lic + SW S&S 12 Mo  DOVJWLL
Ratl Qty Mgr Qty Prof for Wgps Per AUSI SW S&S Reinstate 12 Mo  DOVJWLL
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### Passport Advantage trade-up licenses

#### Rational Quality Manager

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**Passport Advantage supply**

Program name/description | Part number
--- | ---
Rational Quality Mgr V4.0.1 | Media Pack
IBM Ratl Quality Mgr V4.0.1 Multiplatforms Multilingual | BT0I3ML

**Passport Advantage customer: Media pack entitlement details**

Customers with active maintenance or subscription for the products listed are entitled to receive the corresponding media pack.

**Rational Quality Mgr V4.0.1**

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Cross-platform products

Cross-platform products for use on System z

Order the part numbers that follow when the product is used for either the development of code that will be deployed on System z servers or when the product will be communicating or transferring data between a distributed server and a System z server. Otherwise order from the other set of part numbers in this announcement. This set of part numbers provides the identical supply and authorization as the other set in this announcement.

Rational Quality Manager

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Rational Quality Manager

Part description | Part number
--- | ---
IBM Rational Quality Manager Quality Professional for Workgroups |  
Ratl Qty Mgr Qty Prof for Wgps Per AUSI System z Annual SW S&S Rnw | E0FA4LL  
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Sysz Initl FT Lic+S&S 12 Mo | D0VKRLL  
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Sysz Lic + SW S&S 12 Mo | D0VJZLL  
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Sysz SW S&S Reinstall 12 Mo | D0VK0LL  
Ratl Qty Mgr Qty Prof for Wgps Per AUSI Sysz Subsq FT Lic+S&S 12 Mo | E0FAILL

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Rational Quality Manager

Precursor product | Trade-up product | Part number
--- | --- | ---
IBM Rational Quality Manager Quality Professional for Workgroups | Ratl Qty Mgr Qty Prof for Wgps Per AUSI Sz TD Up Lic + SW S&S 12 Mo | D0WAILL

Rational Quality Manager

Precursor product | Trade-up product | Part number
--- | --- | ---
IBM Rational Quality Manager | RQM Contributor FU SI Fr | D0AQNLL  
Manager Contributor | RQM Contributor AU SI Syz |  
Competitive | Trade Up Lic + SW |  
Competitive | Ratl Qual Mgr Contributor AU Sngl Inst Syz Fr | D06PGLL  
Competitive | Competitive Trade Up Lic + SW |  
Ratl Qual Manager | Ratl Qual Mgr Contributor FU Sngl In Syz Fr | D08LVLL  
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Precursor product | Trade-up product | Part number
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