



IBM Rational Test RealTime V8.0 helps customers deliver quality innovative products

Table of contents

1	Overview	4	Technical information
2	Key prerequisites	6	Ordering information
2	Planned availability date	7	Terms and conditions
2	Description	9	Prices
3	Program number	9	Order now
4	Publications		

At a glance

Rational® Test RealTime V8.0 delivers:

- New and enhanced capabilities to support software verification and test early in the system engineering and software lifecycle
- A new Eclipse-based test development and execution environment for C developers and testers
- Integration with Rational Quality Manager, Rational Team Concert™, and Rational Rhapsody®

Overview

Organizations today face growing pressures to quickly deliver high-quality products that increasingly rely upon software to deliver innovative and cutting edge capabilities. With increased complexity comes an increased risk of delivering a defective product. Minimizing that risk requires a more proactive approach to quality; one that starts early in the product and software lifecycle.

Rational Test RealTime assists customers in lowering the costs associated with correcting inefficient, incomplete, and broken features while reducing the risk of delivering a faulty product to market. By leveraging static and runtime analysis capabilities in combination with a repeatable unit/component testing framework, development testers have a single solution to proactively verify product and software functionality.

In addition to verifying and identifying defects during the development phase of the product and software lifecycle, a continuous approach to reducing the risk of defects and improving operational efficiencies is required. Rational offerings are part of a broad Quality Management portfolio, which delivers an integrated set of offerings to bridge the systems, IT, and business domains for a unified view of the product and systems software.

For details on recent updates to the broader Rational Quality portfolio, refer to Software Withdrawal Announcement [911-009](#), dated February 22, 2011.

For ordering, contact your IBM® representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: AE001).

Key prerequisites

For details, refer to the [Hardware requirements](#) and the [Software requirements](#) sections.

Planned availability date

- November 29, 2011: Electronic availability
- December 1, 2011: Media availability

Description

Component testing

- Automates creation and deployment of host and target-based component test harnesses, test stubs, and test drivers
- Allows direct testing on the target to increase confidence that actual system will perform as expected
- Supports Java™, C/C++, and Ada

Assisted test creation

- Facilitates and accelerates the creation of tests through reverse engineering of the code under test
- Provides insight and understanding of the software under test, and guidance to quickly craft more efficient test quicker
- Supports C language

Memory profiling

- Illustrates how a program's memory is consumed and possibly leaked
- Identifies the source of eminent or potential memory leaks before they occur, preempting performance issues and program crashes
- Supports Java and C/C++

Performance profiling

- Identifies application-level performance bottlenecks
- Pinpoints areas in the code that can be optimized for their performance
- Supports Java and C/C++

Thread profiling

- Detects and analyzes multithreading problems, such as deadlocks and race conditions, as they occur in programs
- Improves the reliability of multi-threaded applications
- Supports Java and C/C++

Code coverage analysis

- Identifies which portions of a program not tested
- Avoids delivering code that is executed for the first time by the user or the target system running the application
- Supports Java, C/C++, and Ada

Runtime tracing

- Illustrates thread execution, function calls, and variable values in programs as a function of time via UML sequence diagrams
- Allows the developer to go back in time to review how a program behaved after execution completed
- Supports Java and C/C++

System testing

- Provides message-based unit and integration testing of C threads, tasks, processes and nodes
- Saves time and money by avoiding the construction of dedicated test beds and related non-core-business activities
- Supports C

Target deployment technology

- Provides a versatile, low-overhead technology for enabling target-independent tests and runtime analysis
- Eliminates the need to change when the users' environment does; test script deployment, execution, and reporting remain easy to use
- Supports Java, C/C++, and Ada

Integration with design, development and test management solution

- Integrates with IBM Rational Quality Manager, IBM Rational Team Concert and IBM Rational Rhapsody
- Ensures better whole team collaboration across the board leading to testing productivity gains
- Supports Java, C/C++, and Ada

Availability of national languages

Product description	Language	General availability date
Rational Test RealTime v8.0.0	English	December 1, 2011

Program number

Program number	VRM	Program name
5724-G20	8.0.0	Rational Test RealTime

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 US) 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

- For Windows™, 400 MB free disk space
- For all UNIX™ platforms, Linux™ (SUSE and Red Hat), Solaris, AIX®
 - If one is installed, 400 MB free disk space
 - If all UNIX platforms are installed, 750 MB free disk space

Memory

- For Windows, RAM is 2 GB
- For all UNIX platforms, Linux (SUSE and Red Hat), Solaris, for AIX - RAM is 2 GB

Processor

- For Windows, 1 GHz
- For all UNIX platforms, Linux (SUSE and Red Hat), Solaris, AIX - 1 GHz

Software requirements

Installer

- Capilano components (IBM Installation Manager and IBM Packaging Utility) V1.4.4 and future fix packs, modification levels, and their fix packs
- Capilano components (IBM Installation Manager and IBM Packaging Utility) V1.5 and future fix packs

License Use Management - Rational License Key Server V8.1.1.6 and future fix packs

Operating systems

AIX

- AIX V6.1 TL6 POWER® System
- AIX V5.3 TL12 POWER System
- AIX V7.1 POWER System

Linux

- SUSE Linux Enterprise Desktop (SLED) 10.0 SP2 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 4 Desktop editions x86-64
- SUSE Linux Enterprise Desktop (SLED) 11.0 x86-64
- Red Hat Enterprise Linux (RHEL) Desktop 6 x86-64
- Ubuntu 10.04 LTS x86-64
- Red Hat Enterprise Linux (RHEL) Desktop 6.1 x86-64
- Red Hat Enterprise Linux (RHEL) Desktop 6 x86-32
- Red Hat Enterprise Linux (RHEL) Desktop 6.1 x86-32

Solaris - Solaris 10 SPARC

Windows

- Windows 7 Service Pack 1 Professional x86-64
- Windows 7 Service Pack 1 Professional x86-32
- Windows Server 2008 SP2 Datacenter Edition x86-64
- Windows Vista SP2 Business x86-64
- Windows Server 2008 SP2 Enterprise Edition x86-32
- Windows Vista SP2 Business x86-32
- Windows Server 2008 SP2 Datacenter Edition x86-32
- Windows XP SP3 Professional x86-32
- Windows Server 2008 SP2 Enterprise Edition x86-64
- Windows Server 2008 R2 Standard Edition x86-64

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 Test RealTime

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.

Ordering information

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

Product information

Licensed function title	Product group	Product category
IBM Rational Test RealTime	Technical Development	Technical Development
Program name	PID number	Charge unit description
IBM Rational Test RealTime	5724-G20	Per Floating User

Charge metrics definitions

Floating User

Floating User is a unit of measure by which the Program can be licensed. A Floating User is a person who is accessing the Program at any particular point in time. An Install is an installed copy of the Program on a physical or virtual disk made available to be executed on a computer. The Program may be installed on any number of computers or servers, but if the Floating User simultaneously accesses more than one Install of the Program, the Floating User requires a separate entitlement for each such Install. Licensee must obtain separate entitlements for each Floating User simultaneously accessing the Program on each Install in any manner directly or indirectly (for example: via a multiplexing program, device, or application server) through any means.

Note : Some programs may be licensed where devices are considered users. In that case the following applies: Any computing device that requests the execution of or receives for execution a set of commands, procedures, or applications from the Program or that is otherwise managed by the Program is considered a separate User of the Program and requires an entitlement as if that device were a person.

Passport Advantage program licenses

Rational Test RealTime

Part description	Part number
IBM Rational Test RealTime	
Rat1 Tst RealTime Per Floating User Annual SW S&S Rnw1	E011ZLL
Rat1 Tst RealTime Per Floating User Init1 FT Lic+S&S 12 Mo	D0BGGLL
Rat1 Tst RealTime Per Floating User Lic + SW S&S 12 Mo	D52ZBLL
Rat1 Tst RealTime Per Floating User SW S&S Reinstate 12 Mo	D52ZCLL
Rat1 Tst RealTime Per Floating User Subsq FT Lic+S&S 12 Mo	E07ZDLL
Rat1 Tst RealTime Per Floating User Term License SW S&S (TLA) 12 Mo	D53CLLL

Passport Advantage supply

Program name/description	Part number
Rat1 Tst RealTime V8.0.0	
Rational Test RealTime V8.0 for Multiplatform English Media Pack	BT0GDEN

Terms and conditions

The information provided in this announcement letter is for reference and convenience purposes only. The terms and conditions that govern any transaction with IBM are contained in the applicable contract documents such as the IBM International Program License Agreement, IBM International Passport Advantage Agreement, and the IBM Agreement for Acquisition of Software Maintenance.

Licensing

IBM International Program License Agreement including the License Information document and Proof of Entitlement (PoE) govern your use of the program. PoEs are required for all authorized use.

Part number products only, offered outside of Passport Advantage, where applicable, are license only and do not include Software Maintenance.

This software license includes Software Subscription and Support (also referred to as Software Maintenance).

License Information form number

Program name	Program number	Form number
Rational Test RealTime	5724-G20	L-ACPE-8MLHSZ

The program's License Information will be available for review on the IBM Software License Agreement website

<http://www.ibm.com/software/sla/sladb.nsf>

Limited warranty applies

Yes

Limited warranty

IBM warrants that when the program is used in the specified operating environment, it will conform to its specifications. The warranty applies only to the unmodified portion of the program. IBM does not warrant uninterrupted or error-free operation of the program or that IBM will correct all program defects. You are responsible for the results obtained from the use of the program.

IBM provides you with access to IBM databases containing information on known program defects, defect corrections, restrictions, and bypasses at no additional charge. For further information, consult the *IBM Software Support Handbook* found at

<http://www.ibm.com/support/handbook>

IBM will maintain this information for at least one year after the original licensee acquires the program (warranty period).

Money-back guarantee

For clarification, note that if for any reason you are dissatisfied with the program and you are the original licensee, you may obtain a refund of the amount you paid for it, if within 30 days of your invoice date you return the program and its PoE to the party from whom you obtained it. If you downloaded the program, you may contact the party from whom you acquired it for instructions on how to obtain the refund.

For clarification, note that for programs acquired under the IBM International Passport Advantage Agreement, this term applies only to your first acquisition of the program.

Volume orders (IVO)

No

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

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

Software Subscription and Support (Software Maintenance)

Yes. 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.

While your Software Subscription and Support (also referred to as Software Maintenance) is in effect, IBM provides you assistance for your routine, short duration installation and usage (how-to) questions, and code-related questions. IBM provides assistance via telephone and, if available, electronic access, to your information systems (IS) technical support personnel during the normal business hours (published prime shift hours) of your IBM support center. (This assistance is not available to your end users.) IBM provides Severity 1 assistance 24 hours a day, 7 days a week. For additional details, consult your *IBM Software Support Handbook* at

<http://www.ibm.com/support/handbook>

Software Subscription and Support (also referred to as Software Maintenance) does not include assistance for the design and development of applications, your use of programs in other than their specified operating environment, or failures caused by products for which IBM is not responsible under the applicable agreements.

For additional information about the International Passport Advantage Agreement and the IBM International Passport Advantage Express Agreement, visit the Passport Advantage website at

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

System i Software Maintenance applies

No

Educational allowance available

Not applicable.

Prices

For additional information and current prices, contact your local IBM representative.

Passport Advantage

For Passport Advantage information and charges, contact your IBM representative or authorized IBM Business Partner, or authorized IBM Business Partner for Software ValueNet®, if applicable. Additional information is also available at

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

Business Partner information

If you are an IBM Business Partner -- Distributor for Workstation Software acquiring products from IBM, you may link to Passport Advantage Online for resellers where you can obtain Business Partner pricing information. An IBM ID and password are required.

<https://www.ibm.com/software/howtobuy/passportadvantage/paoreseller>

Order now

To order, contact the Americas Call Centers or your local IBM representative, or your IBM Business Partner.

To identify your local IBM representative or IBM Business Partner, call 800-IBM-4YOU (426-4968).

Phone: 800-IBM-CALL (426-2255)
Fax: 800-2IBM-FAX (242-6329)
Internet: callserv@ca.ibm.com
Mail: IBM Teleweb Customer Support
ibm.com® Sales Execution Center, Americas North
3500 Steeles Ave. East, Tower 3/4
Markham, Ontario
Canada
L3R 2Z1

Reference: AE001

The Americas Call Centers, our national direct marketing organization, can add your name to the mailing list for catalogs of IBM products.

Note: Shipments will begin after the planned availability date.

Trademarks

Rational Team Concert is a trademark of IBM Corporation in the United States, other countries, or both.

Rational, Rhapsody, IBM, Passport Advantage, AIX, POWER, Express, ValueNet and ibm.com are registered trademarks of IBM Corporation in the United States, other countries, or both.

Windows is a trademark of Microsoft Corporation in the United States, other countries, or both.

UNIX is a registered trademark of The Open Group in the United States and other countries.

Linux is a registered trademark of Linus Torvalds in the United States, other countries, or both.

Other company, product, and service names may be trademarks or service marks of others.

Terms of use

IBM products and services which are announced and available in your country can be ordered under the applicable standard agreements, terms, conditions, and prices in effect at the time. IBM reserves the right to modify or withdraw this announcement at any time without notice. This announcement is provided for your information only. Additional terms of use are located at:

<http://www.ibm.com/legal/us/en/>

For the most current information regarding IBM products, consult your IBM representative or reseller, or visit the IBM worldwide contacts page

<http://www.ibm.com/planetwide/us/>