IBM Rational Test RealTime V8.1 enhances software verification processes and adds support for Ada 2012, improving quality of software that powers your devices

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Overview

IBM(R) Rational(R) Test RealTime is a robust test and runtime analysis toolset for systems development created in any cross-development environment. Rational Test RealTime provides tools for automated component testing, code coverage, memory leak detection, performance profiling, and UML sequence diagram tracing. Version 8.1 of Rational Test RealTime brings enhancements to software verification and qualification processes, improving support and ease of use:

- DO-178 B/C certification introduces control coupling for C code and worst-case stack analysis.
- MISRA-C 2004 support includes greater rule coverage and a new qualification kit.
- Ada support adds compatibility with Ada 2012. This support enhancement provides the capability to perform unit tests on Ada 2012 code and offers experimental support for code coverage on Ada 2012 code.

Key requirements

Supports AIX(R), Linux(R), and Windows(TM) operating systems.

For details, see the Software requirements section.

Planned availability date

March 26, 2019

Accessibility by people with disabilities

A US Section 508 Accessibility Compliance Report containing details on accessibility compliance can be found on the Product accessibility information website.

Reference information
For more information about Rational Test RealTime, see Software Announcement 211-483, dated November 29, 2011.

### Program number

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### Offering Information

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More information is also available on the [Passport Advantage](https://www.ibm.com) and [Passport Advantage Express](https://www.ibm.com) website.

### Publications

None

### Services

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### Technical information

#### Specified operating environment

**Software requirements**

**Operating systems**

Linux

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

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 Server 2008 SP2 Datacenter Edition x86-32
• Windows Server 2008 SP2 Enterprise Edition x86-64
• Windows Server 2008 SP2 Enterprise Edition x86-32
• Windows Server 2008 R2 Standard Edition x86-64
• Windows Vista SP2 Business x86-64
• Windows Vista SP2 Business x86-32
• Windows XP SP3 Professional x86-32

Planning information

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Volume orders (IVO)

No

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Variable charges apply

No

Educational allowance available

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