



IBM Rational Application Developer V8.5.1 includes new enhancements aligned with IBM Worklight V5.5

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At a glance

Rational® Application Developer V8.5.1 adds the following enhancements for alignment with Worklight V5.5:

- Support for JQuery
- Improved integration with Worklight Studio
- Improved support for Apache Maven
- New support for Java™ EE Contexts and Dependency Injection (CDI)

Overview

Your IT business demands agility, scalability, and efficiency that can be delivered through robust software and services. The backbone of your organization that delivers this software is the development team that needs to be enabled with the best-of-breed capabilities and tools to focus on delivering high-quality, innovative solutions on time and on budget.

Rational Application Developer is an award-winning development environment, optimized for WebSphere® Application Server V8.5 and the new Liberty Profile (a simplified lightweight run time for web and OSGi applications), WebSphere Portal, and IBM® Workload Deployer. It can help improve the productivity of your development team, from novice developers just getting up to speed, to experienced senior professionals.

Rational Application Developer helps accelerate the development of applications that leverage the latest programming models and styles such as Java EE 6, SOA, OSGi, Cloud, Web 2.0, Mobile Web, Portal, SCA, and Modern Batch. It includes tight integration with application server test environments to test, debug, fix, analyze, and maintain applications in an environment that mimics your production systems.

Rational Application Developer also includes integration with additional Rational products, such as Rational Team Concert™, a platform for developers to become better connected with each other, project stakeholders, and the entire software lifecycle.

Key prerequisites

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

Planned availability date

November 26, 2012: Electronic availability

November 30, 2012: Media availability

Refer to the complete letter for national language availability.

Description

Rational Application Developer V8.5 is a complete environment to accelerate development of Java EE, SOA, OSGi, Cloud, Web 2.0, Mobile Web, Portal, SCA, and Modern Batch applications for WebSphere Application Server V8.5 and the Liberty Profile, IBM Workload Deployer V3.1, and WebSphere Portal. In addition to capabilities that help developers write software, Rational Application Developer offers unit testing with embedded test servers, and problem determination and code analysis tools. They help ensure delivery of high-quality applications that are easily maintained to enable value and time savings across the entire lifespan of your software projects. The latest release enables organizations to:

Increase developer and team productivity through enhanced agile and iterative development support.

Accelerate development of mobile applications for IBM Worklight V5.5.

- JQuery support:

- Includes source code development tools: content assist and validation.
- JQuery widgets available from the Rich Page Editor palette for drag-and-drop development.

Maven integration:

- Enables organizations to integrate and leverage Maven build systems with Rational Application Developer.
- Maven repositories can be searched, and auto-update projects are based on any updates to the repository.
- Form-based editing of the Maven pom.xml file is also supported

Java EE Contexts and Dependency Injection (CDI) are supported.

Availability of national languages

Product description	Language	GA date
Rational Application Developer v8.5.1	Multilingual (French, Russian, Arabic, Korean, Chinese - Simplified, Spanish, Portuguese-Brazilian, German, Japanese, Chinese - Traditional, Hungarian, English, Czech, Italian, Polish)	November 30, 2012

Program number

Program number	VRM	Program name
5724-J19	8.5.1	IBM Rational Application Developer for WebSphere Software

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: 3.5 GB minimum for installing Rational Application Developer and additional disk space for development resources (minimum disk space can be reduced if optional features and run times are not installed).

Note: The following depend on the configuration of Rational Application Developer and WebSphere Application Server.

- Minimum: 2 GB to 5 GB
- Recommended: 2GB-5 GB

Note: Solid state drives (SSDs) can further improve performance

- High-end configuration (large workspace/multiple WebSphere Application Server): 2 GB to 5 GB

Note: Additional WebSphere Application Server test environments may require additional disk space.

SSDs may further improve performance.

- Display: 1024 x 768; 1280 x 1024 recommended

- Memory: 2 GB RAM minimum; 3 GB RAM or more recommended
 - Minimum : 3 GB RAM
 - Recommended : 4 GB RAM
 - High -end configuration (large workspace/multiple WebSphere Application Server): 6 GB RAM
- Processor: 1 GHz, or faster, 32-bit (x86) or 64-bit (x64) processor, dual- or quad-core recommended
 - Minimum: 32-bit (x86) Core 2 duo (or equivalent)
 - Recommended : 64-bit (x64) Core 2 quad (or equivalent)
 - High-end configuration (large workspace/multiple WebSphere Application Server): 64-bit (x64) processor, i5 (or equivalent), or better

Software requirements

Eclipse 3.6.2

Installer: IBM Installation Manager and IBM Packaging Utility V1.5.2 and future fix packs, modification levels, and their fix packs

Java technology: IBM Java SDK V7.0.1 and future fix packs

License Use Management: IBM Rational License Key Server V8.1.2 and future fix packs, modification levels, and their fix packs

Application servers:

- IBM Workload Deployer V3.0 and future fix packs
- Workload Deployer V3.1 and future releases, modification levels, and fix packs
- WebSphere Application Server base V6.1 and future modification levels and their fix packs
- WebSphere Application Server base V7.0 and future modification levels and their fix packs
- WebSphere Application Server base V8.0 and future releases, modification levels, and fix packs
- WebSphere Application Server base V8.5 and future releases, modification levels, and fix packs
- WebSphere Portal Server 7.0
- Apache Tomcat 3.2.4 and future releases, modification levels, and fix packs

Transaction servers and gateways: CICS® Transaction Gateway for Multiplatforms 8.0 and future releases, modification levels, and fix packs

Clients:

- Rational ClearCase® V8.0 and future modification levels and their fix packs
- Rational ClearCase V7.1 and future modification levels and their fix packs
- Rational ClearCase V7.0 and future modification levels and their fix packs
- Rational Team Concert 3.0 and future modification levels and their fix packs

Operating systems

Linux™ :

- SUSE Linux Enterprise Desktop (SLED) 10.0 x86-64
- SUSE Linux Enterprise Server (SLES) 10 x86-32
- SLES 10 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Desktop editions x86-64
- RHEL Workstation 6 x86-32

- RHEL 5 Desktop editions x86-32
- RHEL Workstation 6 x86-64
- RHEL Desktop 6 x86-64
- RHEL Server 6 x86-64
- SLED 11.0 x86-64
- SLED 10.0 x86-32
- RHEL Desktop 6 x86-32
- RHEL 5 Advanced Platform x86-64
- RHEL Server 6 x86-32
- Ubuntu 10.04 LTS x86-32
- SLES 11 x86-32
- RHEL 5 Advanced Platform x86-32
- SLED 11.0 x86-32
- Ubuntu 10.04 LTS x86-64
- SLES 11 x86-64

Microsoft™ Windows™ :

- Windows 7 Enterprise x86-32
- Windows Server 2008 Datacenter Edition x86-32
- Windows Server 2008 R2 Enterprise Edition x86-64
- Windows 7 Ultimate x86-32
- Windows Server 2008 R2 Standard Edition x86-64
- Windows 7 Enterprise x86-64
- Windows Server 2008 Datacenter Edition x86-64
- Windows Vista Ultimate x86-32
- Windows Server 2008 Enterprise Edition x86-64
- Windows Server 2008 Standard Edition x86-64
- Windows Vista Enterprise x86-64
- Windows Server 2008 Standard Edition x86-32
- Windows XP Professional x86-64
- Windows Vista Business x86-64
- Windows Vista Business x86-32
- Windows 7 Professional x86-32
- Windows 7 Ultimate x86-64
- Windows Vista Ultimate x86-64
- Windows Vista Enterprise x86-32
- Windows 7 Professional x86-64
- Windows XP Professional x86-32
- Windows Server 2008 Enterprise Edition x86-32

Hosted environments:

- Citrix XenApp 5.0 and future modification levels and fix packs
- Citrix XenApp 6.0 and future modification levels and fix packs

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

Packaging

Rational Application Developer

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 Application Developer for WebSphere Software	Design and Construction	Design and Construction

Orders may be placed by calling ibm.com® , Americas at 800-IBM-CALL (426-2255).

Program name	PID number	Charge unit description
IBM Rational Application Developer for WebSphere Software	5724-J19	Per Floating User Single Install
IBM Rational Application Developer for WebSphere Software	5724-J19	Per Floating User Single Install for System z
IBM Rational Application Developer for WebSphere Software	5724-J19	Per Authorized User
IBM Rational Application Developer for WebSphere Software	5724-J19	Per Authorized User for System z

Charge metrics definitions

Authorized User

Authorized User is a unit of measure by which the program can be licensed. An Authorized User is a unique person who is given access to the program. The program may be installed on any number of computers or servers and each Authorized User may have simultaneous access to any number of instances of the program at one time. Licensee must obtain separate, dedicated entitlements for each Authorized User accessing the program in any manner directly or indirectly (for example, via a multiplexing program, device, or application server) through any means. An entitlement for an Authorized User is unique to that Authorized User and may not be shared, nor may it be reassigned other than for the permanent transfer of the Authorized User entitlement to another person.

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.

Floating User Single Install

Floating User Single Install 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 Application Developer

Part description	Part number
IBM Rational Application Developer for WebSphere Software	
Ratl Application Dev for WebSphere SW Auth User Annual SW S&S Rnw1	E01MJLL
Ratl Application Dev for WebSphere SW Auth User Initl FT Lic + SW S&S 12 Mo	D54SDLL
Ratl Application Dev for WebSphere SW Auth User Lic + SW S&S 12 Mo	D54N4LL
Ratl Application Dev for WebSphere SW Auth User Subsq FT Lic + SW S&S 12 Mo	D54SELL
Ratl Application Dev for WebSphere SW Authusr SW S&S Reinstate 12 Mo	D54N5LL
Ratl Application Dev for WebSphere SW Authuser Term Lic + SW S&S 12 Mo	D54NALL
Ratl Application Dev for WebSphere SW FU SnglInst SW S&S Reinstate 12 Mo	D54NCLL
Ratl Application Dev for WebSphere SW FU SnglInst Term Lic + SW S&S 12 Mo	D54NGLL
Ratl Application Dev for WebSphere SW FltUser SnglInst Annual SW S&S Rnw1	E01MKLL
Ratl Application Dev for WebSphere SW FltUser SnglInst Lic + SW S&S 12 Mo	D54NBLL

Passport Advantage trade-up licenses

Rational Application Developer

Precursor product	Trade-up product	Trade-up part number
IBM Rational Application Developer for webSphere Software		
Competitive Products A	RAD Auth Usr from Competitive (List 1) Trdup Lic + SW S&S 12 Mo	D54N8LL
Competitive Products B	RAD Auth Usr from Competitive (List 2) Trdup Lic + SW S&S 12 Mo	D54N9LL
IBM Rational Application Developer Standard Edition for webSphere	RAD Auth Usr from Rose Dev for Java Auth Usr Trdup Lic + SW S&S 12 Mo	D54N6LL
Rational Rose Developer	RAD Auth Usr from WSSD Usr	D54N7LL

for Java	or RWD Auth Usr Trdup Lic + SW S&S 12 Mo	
Competitive Products A	RAD FloatUser Single Install from RWD Flt Usr Trdup Lic + SW S&S 12 Mo	D54NELL
IBM Rational Application Developer Standard Edition for WebSphere	RAD FltUsr SingleInstall from Competitive Products Trdup Lic + SW S&S 12 Mo	D54NZLL
Rational Rose Developer for Java	RAD FltUsr SnglInst from WSAD User or RAD Ath User Trdup Lic + SW S&S 12 Mo	D54NFLL
RWD Floating User	RAD FltUsr SnglInst from Rose Dev for Java Flt Usr Trdup Lic + SW S&S 12 Mo	D54NDLL
WSSD Usr or RWD Auth Usr	Ratl App Dev for WebSphere AuthUser from RAD SE AU Trdup Lic + SW S&S 12 Mo	D0DZPLL
WSAD User or RAD Authorized User	Ratl App Dev for WebSphere FU SnglInst from RAD SE Trdup Lic + SW S&S 12 Mo	D0DZNLL

Passport Advantage supply

Program name/description	Part number
Ratl Application Developer V8.5.1	
IBM Rational Application Developer for WS Software V8.5.1 MP ML Media Pack	BT0HUML

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.

Ratl Application Developer V8.5.1

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Application Developer for WebSphere Software Authorized User	IBM Rational Application Developer for WS Software V8.5.1 MP ML Media Pack	BT0HUML
IBM Rational Application Developer for WebSphere Software Authorized User for System z	IBM Rational Application Developer for WS Software V8.5.1 MP ML Media Pack	BT0HUML
IBM Rational Application Developer for WebSphere Software Floating User Single Install	IBM Rational Application Developer for WS Software V8.5.1 MP ML Media Pack	BT0HUML
IBM Rational Application Developer for WebSphere Software Floating User Single Install for System z	IBM Rational Application Developer for WS Software V8.5.1 MP ML Media Pack	BT0HUML

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 Application Developer

Part description	Part number
IBM Rational Application Developer for WebSphere Software	
Ratl Application Dev for WebSphere SW AU for zSer Annual SW S&S Rnw1	E035NLL
Ratl Application Dev for WebSphere SW AU for zSer Lic + SW S&S 12 Mo	D59WCLL
Ratl Application Dev for WebSphere SW AU for zSer SW S&S Reinstate 12 Mo	D59WDLL
Ratl Application Dev for WebSphere SW FU SI Sysz SW S&S Reinstate 12 Mo	D59WBLL
Ratl Application Dev for WebSphere SW FU SnglInst Sysz Annual SW S&S Rnw1	E035MLL
Ratl Application Dev for WebSphere SW FU SnglInst Sysz Lic + SW S&S 12 Mo	D59WALL

Cross-platform product for use on System z IFL engines

Order the part numbers that follow when the product is intended to run on the Linux operating system on System z IFL engines. If the product is not intended to run on the Linux operating system on System z IFL engines, 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.

Trade-up licenses for Cross platform products

Rational Application Developer

Precursor product	Trade-up product	Part number
IBM Rational Application Developer for WebSphere Software		
Competitive Products A	RAD Auth Usrz from Competitive (List 1) Trdup Lic + SW S&S 12 Mo	D59WKLL
Competitive Products B	RAD Auth Usrz from Competitive (List 2) Trdup Lic + SW S&S 12 Mo	D59WLLL
IBM Rational Application Developer Standard Edition for WebSphere	RAD Auth Usrz from Rose Dev Java Auth Usr Trdup Lic + SW S&S 12 Mo	D59WILL
Rational Rose Developer for Java	RAD Auth Usrz from WSSD Auth Usr or RWD Auth Usr Trdup Lic + SW S&S 12 Mo	D59WJLL
Competitive Products A	RAD FU SnglInst Sysz frm Rose Dev for Java Flt Usr Trdup Lic + SW S&S 12 Mo	D59WELL
IBM Rational Application Developer Standard Edition for WebSphere	RAD FU SnglInst Sysz from Competitive Trdup Lic + SW S&S 12 Mo	D59WHLL
Rational Rose Developer for Java	RAD FU SnglInst Sysz from RWD Flt Usr Trdup Lic + SW S&S 12 Mo	D59WFLL
RWD Floating User	RAD FU SnglInst Sysz from WSAD or RAD Ath User Trdup Lic + SW S&S 12 Mo	D59WGLL
WSSD Usr or RWD Auth Usr	Ratl App Dev for WebSphere AU System z from RAD SE Trdup Lic + SW S&S 12 Mo	D0DZRL
WSAD User or RAD Authorized User	Ratl App Dev for WebSphere FU SI Sysz from RAD SE Trdup Lic + SW S&S 12 Mo	D0DZQL

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License Information form number

Program name	Program number	Form number
Rational Application Developer	5724-J19	L-JWOG-8XVM8N

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

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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

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Usage restriction

Yes

For additional information, refer to the License Information Document that is available on the IBM Software License Agreement website

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

IBM operational support services - SupportLine

No

System i Software Maintenance applies

No

Educational allowance available

Not applicable.

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Note: Shipments will begin after the planned availability date.

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