



# IBM Rational Lifecycle Integration Adapters V1.1.1 connect with additional third-party tools and improve enterprise manageability

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## Overview

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The IBM® Rational® product family provides a seamless integration of Application Lifecycle Management (ALM) capabilities referred to as IBM Rational Collaborative Lifecycle Management (CLM). CLM provides a collaborative way for software delivery teams to unify multiple platforms and coordinate roles and activities across the core ALM disciplines of Change Management, Requirements Management, and Quality Management.

The core CLM solution integrates a corresponding set of products, including Rational Team Concert™, Rational Requirements Composer, and Rational Quality Manager, to create a highly collaborative solution for software delivery. This solution can also be integrated with Rational Software Architect to extend the value of CLM to design management. IBM also maintains integrations between a number of its other ALM products, such as Rational ClearQuest®.

While CLM is a very powerful solution, IBM realizes that customers already invested into other tools and technologies need to continue using them for the time being. These customers operate in highly diverse and heterogeneous, lifecycle environments, and there are a variety of reasons why tools already established in their environments are critical to their business. These tools often cannot simply be removed and replaced with new ones, but must coexist and interoperate with new tools that are brought into the environment.

It is for those customers that IBM offers the Rational Lifecycle Integration Adapters. These software components connect Rational ALM products to select third-party tools to allow customers to continue using their existing lifecycle tools and still gain benefit from many capabilities found in the Rational CLM solution.

The key integration technology for the Rational Lifecycle Integration Adapters is the Open Services for Lifecycle Collaboration (OSLC) standard. OSLC provides a set of interfaces organized into a number of functional areas (domains) that allow lifecycle tools stemming from many sources to link and trace data being managed by those tools. OSLC is now the Rational standard for integration implementation and is the basis for the Rational Lifecycle Integration Adapters Standard Edition.

Some customers have invested heavily into customizations of their current tools, that include specialized reporting and workflows. These customizations may need to be preserved as users integrate across practitioner roles and their respective tools. The Rational Lifecycle Integration Adapters Tasktop Edition uses additional integration methods that supplement OSLC to support alternative use cases and

workflow environments in a way that minimizes the impact integration may have for customers in these situations.

### **New in Version 1.1.1**

Improvements to existing adapters and new integrations to additional third-party tools include:

- New integrations to Rally and Serena Business Manager
- Improvements to the existing integrations with Rational Requirements Composer that help users determine what information to synchronize, as well as support for the IBM recommended authentication configuration
- Capability to create and manage integration templates that apply to multiple large-scale projects improves enterprise manageability
- A new set of APIs and associated Software Development Kit (SDK)
- Added support for Gerrit v.2.6 in Git adapter and for Atlassian JIRA v.6
- Usability improvements to JIRA and HP ALM adapters

For ordering, contact your IBM representative or an IBM Business Partner. For more information contact the Americas Call Centers at 800-IBM-CALL (426-2255). Reference: AE001

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## **Key prerequisites**

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Operating systems include:

- Linux™
- Windows™

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

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## **Planned availability date**

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November 26, 2013:

- Electronic availability
- Media availability

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## **Description**

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Rational Lifecycle Integration Adapters were initially released on October 09, 2012, and included integrations with HP ALM and Quality Center, Atlassian JIRA, open source Git, Microsoft™ Team Foundation Server, and open source Bugzilla. Version 1.1 of the offering added new adapters for CA Clarity and Rational Requirements Composer.

In Version 1.1.1, the following improvements to those adapters and new integrations to additional third-party tools include:

- New integrations to Rally and Serena Business Manager. Allow products such as Rational Team Concert and Rational Requirements Composer to coexist and interoperate with users of those tools.
- Improvements to the existing integrations with Rational Requirements Composer that help users determine what information to synchronize, as well as support for the IBM recommended authentication configuration.
- A new capability to create and manage integration templates that apply to multiple large-scale projects improves enterprise manageability.

- A new set of APIs and associated Software Development Kit (SDK) to provide for a more open and extensible integration development environment.
- Added support for Gerrit v.2.6 in Git adapter.
- Added support for Atlassian JIRA v.6.
- JIRA adapter: Through friending support, customers can now associate CLM and JIRA servers directly from JIRA.
- HP adapter: Prefill change requests from details found in HP defects or test instances.
- HP adapter: Improves scalability for large projects.
- HP adapter: Browse for artifacts in selection dialogs for testcases and requirements.

Translation information for IBM software can be found online at

<http://publib.boulder.ibm.com/infocenter/prodguid/v1r0/clarity/index.jsp>

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## Program number

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| Program number | VRM   | Program name                            |
|----------------|-------|---|
| 5725-I05       | 1.1.1 | Rational Lifecycle Integration Adapters |

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## Offering Information

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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>

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## Publications

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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.

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## Technical information

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### Specified operating environment

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#### *Hardware requirements*

##### Standard edition

- Disk space: 1 GB disk space minimum
- Memory: 1 GB RAM minimum, 2 GB recommended
- Processor: Intel™ Pentium™ 4 processor minimum

## **Tasktop Edition**

- Disk space: 1-500 GB free disk space (for cache)
- Memory: 4 GB RAM
- Processor: 1 GHz CPU, multicore recommended

## **Software requirements**

### **Run-time environment**

- Open Source Perl 5.10.1 and future fix packs
- LWP 6.04 and future fix packs
- LWP Protocol https 6.03 and future fix packs

### **Web browsers**

- Microsoft Internet Explorer 8.0 and future fix packs
- Microsoft Internet Explorer 9.0 and future fix packs
- Mozilla Firefox ESR 10 and future fix packs
- Mozilla Firefox ESR 17.0 and future fix packs
- Google Chrome 21 and future fix packs
- Google Chrome 23 and future fix packs
- Apple Safari on iOS 5.x and future fix packs

## **Operating systems**

### *Linux*

- SUSE Linux Enterprise Server (SLES) 11 SP1 x86-64
- SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 5 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 Update 2 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 6 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 7 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 Update 1 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 x86-64

### *Windows*

- Windows Server 2008 Standard Edition x86-64
- Windows Server 2008 R2 Enterprise Edition x86-64
- Windows Server 2008 R2 Standard Edition x86-64
- Windows Server 2008 SP2 Standard Edition x86-64
- Windows Server 2008 SP2 Enterprise Edition x86-64
- Windows Server 2008 R2 Service Pack 1 Standard Edition x86-64
- Windows Server 2008 R2 Service Pack 1 Enterprise 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

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### **Customer responsibilities**

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.

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### **Packaging**

Rational Lifecycle Integration Adapters

### **Security, auditability, and control**

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

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## Ordering information

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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 Lifecycle Integration Adapters Tasktop Edition | Software Change and Configuration Management | Software Change and Configuration Management |
| Program name  | PID number                                   | Charge unit description                      |
| IBM Rational Lifecycle Integration Adapters Tasktop Edition | 5725-I05                                     | Per Processor Value Unit for System z        |
| IBM Rational Lifecycle Integration Adapters Tasktop Edition | 5725-I05                                     | Per Processor Value Unit                     |

### **Charge metrics definitions**

#### **Processor Value Unit (PVU)**

PVU is a unit of measure by which the program can be licensed. The number of PVU entitlements required is based on the processor technology (defined within the PVU table by processor value, brand, type and model number at [http://www.ibm.com/software/lotus/passportadvantage/pvu\\_licensing\\_for\\_customers.html](http://www.ibm.com/software/lotus/passportadvantage/pvu_licensing_for_customers.html) ) and the number of processors made available to the program. IBM continues to define a processor, for the purpose of PVU-based licensing, to be each processor core on a chip. A dual-core processor chip, for example, has two processor cores.

Licensee can deploy the program using either full capacity licensing or virtualization capacity (sub-capacity) licensing according to the Passport Advantage Sub-

Capacity Licensing Terms (refer to web page below). If using full capacity licensing, licensee must obtain PVU entitlements sufficient to cover all activated processor cores\* in the physical hardware environment made available to or managed by the program, except for those servers from which the program has been permanently removed. If using virtualization capacity licensing, licensee must obtain entitlements sufficient to cover all activated processor cores made available to or managed by the program, as defined according to the Virtualization Capacity License Counting Rules at [http://www.ibm.com/software/lotus/passportadvantage/Counting\\_Software\\_licenses\\_using\\_specific\\_virtualization\\_technologies.html](http://www.ibm.com/software/lotus/passportadvantage/Counting_Software_licenses_using_specific_virtualization_technologies.html)

\* An activated processor core is a processor core that is available for use in a physical or virtual server, regardless of whether the capacity of the processor core can be or is limited through virtualization technologies, operating system commands, BIOS settings, or similar restrictions.

## Notes

Some programs may require licenses for the program **AND** what is being managed. In that case, the following applies: In addition to the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

Some programs may be licensed on a managed basis only. In that case, the following applies. Instead of the entitlements required for the program directly, licensee must obtain PVU entitlements for this program sufficient to cover the processor cores managed by the program.

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## Passport Advantage program licenses

### Rational Lifecycle Integration Adapters

| Part description  | Part number |
|---|-------------|
| IBM Rational Lifecycle Integration Adapters Tasktop Edition<br>Rat1 LC Int Adpt TE Per Processor Value Unit (PVU)<br>Annual SW S&S Rnw1 | E0F23LL     |
| Rat1 LC Int Adpt TE Per Processor Value Unit (PVU) Lic<br>+ SW S&S 12 Mo  | DOUYDLL     |
| Rat1 LC Int Adpt TE Per Processor Value Unit (PVU) SW<br>S&S Reinstate 12 Mo  | DOUYELL     |

### Passport Advantage supply

|   |         |
|---|---------|
| Rational Lifecycle Integration Adapters Tasktop Edition                       | V1.1.1  |
| Rational Lifecycle Integration Adapters Standard<br>Editions 1.1.1 Media Pack | BT0KFEN |
| Rational Lifecycle Integration Adapters Tasktop<br>Editions 1.1.1 Media Pack  | BT0KGEN |

## Passport Advantage customer: Media pack entitlement details

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

### Rational Lifecycle Integration Adapters Tasktop Edition V1.1.1

| Entitled maintenance offerings description  | Media packs description  | Part number |
|---|--|-------------|
| IBM Rational Lifecycle Integration Adapters Tasktop Edition per Processor Value Unit              | Rational Lifecycle Integration Adapters Standard Editions 1.1.1 Media Pack | BT0KFEN     |
| IBM Rational Lifecycle Integration Adapters Tasktop Edition per Processor Value Unit              | Rational Lifecycle Integration Adapters Tasktop Editions 1.1.1 Media Pack  | BT0KGEN     |
| IBM Rational Lifecycle Integration Adapters Tasktop Edition per Processor Value Unit For System Z | Rational Lifecycle Integration Adapters Tasktop Editions 1.1.1 Media Pack  | BT0KGEN     |
| IBM Rational Lifecycle Integration Adapters Tasktop Edition per Processor Value Unit For System Z | Rational Lifecycle Integration Adapters Standard Editions 1.1.1 Media Pack | BT0KFEN     |

### Cross-platform products

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#### ***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 Lifecycle Integration Adapters**

| Part description   | Part number |
|--|-------------|
| Rational Lifecycle Integration Adapters Tasktop Edition<br>Rat1 LC Int Adpt TE Per Proc VU for Sys z Annual SW S&S<br>Rnw1 | E0F24LL     |
| Rat1 LC Int Adpt TE Per Proc VU for Sys z Lic + SW S&S<br>12 Mo  | D0UYFLL     |
| Rat1 LC Int Adpt TE Per Proc VU for Sys z SW S&S<br>Reinstate 12 Mo  | D0UYGLL     |

#### ***Cross-platform product for use on System z IFL engines and zEnterprise® BladeCenter® Extension***

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### **License Information form number**

| Program name                            | Program number | Form number                     |
|---|----------------|---------------------------------|
| Rational Lifecycle Integration Adapters | 5725-I05       | L-JGAY-95YL4Z;<br>L-JGAY-95ZMY9 |

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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***Volume orders (IVO)***

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## **System i® Software Maintenance applies**

No

## **Educational allowance available**

Not applicable.

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