



IBM Rational Lifecycle Integration Adapters extend the Rational ALM solution with integrations to a number of third-party tools

Table of contents

1 Overview	3 Technical information
2 Key prerequisites	5 Ordering information
2 Planned availability date	7 Terms and conditions
2 Description	10 Prices
2 Program number	10 Order now
3 Publications	

At a glance

Today's software delivery challenges require a more concerted approach to Application Lifecycle Management (ALM). The IBM® Rational® solution for Collaborative Lifecycle Management (CLM) is the IBM implementation for ALM, based on the Rational Jazz™ platform.

The IBM native CLM solution integrates Rational Team Concert™, Rational Requirements Composer, and Rational Quality Manager to create a seamless and highly collaborative solution for software delivery. However, many IBM customers have existing tools that stem from a variety of sources that also need such integration to gain visibility across a diverse toolset.

The Rational Lifecycle Integration Adapters extend the Rational CLM solution with integrations to select third-party tools. These adapters also provide integrations for Rational ClearQuest®. The Rational Lifecycle Integration Adapters enable customers to gain greater value from these Rational products when practicing ALM in a heterogeneous lifecycle tools environment. The first release of this offering includes adapters for integrating with HP ALM, Atlassian JIRA, and open source Git.

Overview

The Rational product family provides a seamless integration of ALM capabilities referred to as the IBM Rational solution for 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 -- Rational Team Concert, Rational Requirements Composer, and Rational Quality Manager -- to create a seamless and 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.

The experience gained from driving integration across these products helps to identify the challenges in applying traditional integration technologies. It spurred IBM to look toward more strategic solutions, including involvement in the Open Services for Lifecycle Collaboration (OSLC) and W3C Linked Data Platform. OSLC provides a set of interfaces organized into a number of functional areas (domains) that allow lifecycle tools that stem from many sources to link and trace data

being managed by those tools. OSLC is now the Rational standard for integration implementation.

The Rational product family is expanding its implementation of OSLC integrations beyond the Rational products. Many of our customers operate in a highly diverse and heterogeneous lifecycle environment. 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. Therefore, IBM takes its experience with integrations across Rational products and applies it to select third-party tools as well.

By listening to customers, IBM assessed which tools are most needed for integrating with Rational products. IBM created a new Integrations Directory on jazz.net (jazz.net/extend) that lists all of the integrations currently available with Rational tools. This directory also includes a facility for requesting integrations that do not yet exist. It encourages customers to share their integration needs to continuously help IBM identify the highest priority tools for its Rational customers.

As strong drivers in the OSLC community, IBM champions an open approach to linked data specifications that can be adopted by vendor, business partner, and community members directly. The results of this approach can now be seen in a new offering called the Rational Lifecycle Integration Adapters. These adapters allow customers to continue using their existing lifecycle tools and still gain benefit from many capabilities found in the Rational ALM products. The first release of this offering includes adapters for integrating with HP ALM, Atlassian JIRA, and open source Git.

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

- October 12, 2012: Electronic availability
- October 18, 2012: Media availability

Description

Multicultural support and translation information for IBM software can be found online at

<http://www.ibm.com/software/globalization/scorecard/index.html>

Program number

Program number	VRM	Program name
5725-I05	1.0.0	Rational Lifecycle Integration Adapters

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

- 1 GB RAM, minimum (2 GB recommended)
- 1 GB disk space minimum
- Intel™ Pentium™ 4 processor minimum

Software requirements

Web browsers

- Microsoft™ Internet Explorer 9.0 and future fix packs
- Mozilla Firefox ESR 10 and future fix packs
- Microsoft Internet Explorer 8.0 and future fix packs

Application servers

- 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 Application Server - Base V8.0.0.3 and future fix packs
- WebSphere Application Server - Base V7.0.0.23 and future fix packs
- Apache Tomcat 6.0 and future fix packs
- Apache Tomcat 7.0 and future fix packs

Connectors

- HP ALM 11 and future fix packs
- Rational Team Concert V4.0 and future fix packs
- Git 1.7.1, Gitweb 1.7.1, Gerrit 2.2.2, and future fix packs
- Atlassian JIRA 4.4.x and future fix packs
- Rational Requirements Composer V4.0 and future fix packs
- Rational Quality Manager V4.0 and future fix packs

Java™ SDK

- Sun Java SDK/JRE/JDK 6.0 Update 23 and future fix packs
- Oracle Java SDK/JRE/JDK 7.0 and future fix packs
- IBM Java SDK/JRE V7.0.1 and future fix packs
- IBM Java SDK V6.0.10.1 and future fix packs

Virtualization

- VMWare vSphere 4.0 and future fix packs
- VMware ESXi 4.1 and future fix packs
- Red Hat KVM as delivered with Red Hat Enterprise Linux™ (RHEL) 6.0 and future fix packs
- IBM PowerVM® Hypervisor (LPAR, DPAR, Micro-Partition) any supported version and future fix packs
- VMware ESX 4.1 and future fix packs
- VMware ESX 4.0 and future fix packs
- VMware ESXi 4.0 and future fix packs
- VMWare vSphere 4.1 and future fix packs

Operating systems

Linux

- Red Hat Enterprise Linux (RHEL) 5 Update 7 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 6 Advanced Platform x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 Update 2 x86-64
- Red Hat Enterprise Linux (RHEL) 5 Update 5 Advanced Platform x86-64
- SUSE Linux Enterprise Server (SLES) 11 SP2 x86-64
- SUSE Linux Enterprise Server (SLES) 10 SP4 x86-64
- SUSE Linux Enterprise Server (SLES) 11 SP1 x86-64
- SUSE Linux Enterprise Server (SLES) 10 SP3 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 Update 1 x86-64

Windows™

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

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.

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 Lifecycle Integration Adapters

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

* 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.

A few programs on an exception basis may be licensed on a referenced basis. In that case, the following applies. Rather than obtaining entitlements for the activated processor cores available to the program, licensee must obtain PVU entitlements for this program sufficient to cover the environment made available to the referenced program as if the program itself were executing everywhere the referenced program was executing, independent of the basis on which the referenced program is licensed.

Passport Advantage program licenses

Rational Lifecycle Integration Adapters

Part description	Part number
IBM Rational Lifecycle Integration Adapters Standard Edition Ratl LC Int Adpt SE Per Processor Value Unit (PVU) Annual SW S&S Rnw1	EOF1YLL
Ratl LC Int Adpt SE Per Processor Value Unit (PVU) Lic + SW S&S 12 Mo	D0UY6LL
Ratl LC Int Adpt SE Per Processor Value Unit (PVU) SW S&S Reinstate 12 Mo	D0UY7LL

Passport Advantage supply

Rational Lifecycle Integration Adapter Standard Edition V1.0.0	
Rational Lifecycle Integration Adapters Std Ed Multiplatform English Media Pack	BT0HSEN

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 Lifecycle Integration Adapter Standard Edition V1.0.0

Entitled maintenance offerings description	Media packs description	Part number
IBM Rational Lifecycle Integration Adapters Standard Edition per Processor Value Unit	Ratl Lifecycle Integration Adapters Std Ed Multiplatform English Media Pack	BT0HSEN
IBM Rational Lifecycle Integration Adapters Standard Edition per Processor Value Unit For System Z	Ratl Lifecycle Integration Adapters Std Ed Multiplatform English Media Pack	BT0HSEN

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 Lifecycle Integration Adapters

Part description	Part number
IBM Rational Lifecycle Integration Adapters Standard Edition	
Rat1 LC Int Adpt SE Per Proc VU for Sys z Annual SW S&S Rnw1	E0F1ZLL
Rat1 LC Int Adpt SE Per Proc VU for Sys z Lic + SW S&S 12 Mo	D0UY8LL
Rat1 LC Int Adpt SE Per Proc VU for Sys z SW S&S Reinstall 12 Mo	D0UY9LL

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.

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 Lifecycle Integration Adapters	5725-I05	L-TJSS-8XLNRC

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).

Program technical support

Technical support of a program product version or release will be available for a minimum of five years from the general availability date, as long as your Software Maintenance is in effect. This technical support allows you to obtain assistance (via telephone or electronic means) from IBM for product-specific, task-oriented questions regarding the installation and operation of the program product. Software Maintenance also provides you with access to updates (modifications or fixes), releases, and versions of the program. You will be notified, via announcement letter, of discontinuance of support with 12 months' notice. If you require additional technical support from IBM, including an extension of support beyond the discontinuance date, contact your IBM representative or IBM Business Partner. This extension may be available for a fee.

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 applies

Yes. Software Subscription and Support 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 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 with each program license acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option, if available.

While your Software Subscription and Support 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 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.

IT system security involves protecting systems and information through prevention, detection, and response to improper access from within and outside your enterprise. Improper access can result in information being altered destroyed or misappropriated or can result in misuse of your systems to attack others. Without a comprehensive approach to security, no IT system or product should be considered completely secure and no single product or security measure can be completely effective in preventing improper access. IBM systems and products are designed to be part of a comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective. IBM does not warrant that systems and products are immune from the malicious or illegal conduct of any party.

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 your local IBM representative or your IBM Business Partner.

To identify your local IBM Business Partner or IBM representative, call 1 800-IBM-4YOU (426-4968). For more information, contact the Americas Call Centers.

Phone: 800-IBM-CALL (426-2255)

Fax: 800-2IBM-FAX (242-6329)

For IBM representative: callserv@ca.ibm.com

For IBM Business Partner: pwswna@us.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

Jazz and Rational Team Concert are trademarks of IBM Corporation in the United States, other countries, or both.

IBM, Rational, ClearQuest, Passport Advantage, WebSphere, PowerVM, Express, System z and ValueNet are registered trademarks of IBM Corporation in the United States, other countries, or both.

Intel and Pentium are trademarks of Intel Corporation or its subsidiaries in the United States and other countries.

Microsoft and Windows are trademarks of Microsoft Corporation in the United States, other countries, or both.

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/>