



Versions 9.0 of the IBM Rational Integrated Development Environments introduce significant new capabilities in IBM Rational Developer for i and IBM Rational Developer for AIX and Linux

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At a glance

Rational® Developer for i and **Rational Developer for AIX® and Linux™** are new names for the set of offerings previously marketed as Rational Developer for Power Systems Software™ and Rational Developer for i for SOA Construction. (Details of the packaging and naming changes may be found elsewhere within this announcement.) These are Integrated Development Environments (IDEs) that are specialized for developing software for IBM® i, AIX , and Linux on Power® and Pure systems. Version 9.0 delivers extensive enhancements to these offerings that include:

- Significant improvements to Remote Systems Explorer qualities of service.
- In AIX and Linux C/C++ edition:
 - Support for development on x86 Linux .
- In selected editions:
 - A rich subset of the Rational Application Developer for WebSphere® Software offering, reflecting several of the new V9.0 enhancements to that offering's capabilities.
 - IBM Worklight® Studio capabilities to add support for developing hybrid mobile applications.
- In AIX and Linux editions:
 - Broadened capabilities of the Performance Advisor feature: support for the COBOL language and basic profiling capabilities for Java™ .
 - Command line invocation of code coverage analysis (enables integration of this support into automated build environments).
 - A new editor for bash source code.

Rational is also announcing version 9.0 of four other IDEs today. A companion Software Announcement [213-211](#), dated April 23, 2013 , includes

- IBM Rational Application Developer for WebSphere Software
- IBM Rational Developer for System z®
- IBM Rational Business Developer
- A new offering named IBM Rational Developer for the Enterprise that is the market replacement for Rational Developer for zEnterprise® .

Overview

Version 9.0 of the Rational Integrated Development Environment (IDE) portfolio is designed for the tasks of creating and maintaining applications:

- Enable enhanced speed, agility, and quality outcomes of the software construction process
- Provide capabilities to help optimize applications for specific target platforms and middleware
- Support a variety of tools and techniques for maintaining, extending, and modernizing COBOL and RPG applications
- Provide capabilities for developing multitier, multichannel (mobile) enterprise applications that leverage a wide variety of back-end systems

This announcement covers two of the IDE offerings:

- Rational Developer for i
- Rational Developer for AIX and Linux

A companion Software Announcement [213-211](#), dated April 23, 2013, covers the other offerings in the Rational IDE portfolio which include

- Rational Application Developer for WebSphere Software
- Rational Developer for System z
- Rational Business Developer
- A new offering named Rational Developer for the Enterprise that is the market replacement for Rational Developer for zEnterprise.

Rational Developer for i and **Rational Developer for AIX and Linux** are new market names for the set of offerings previously marketed as Rational Developer for Power Systems Software and Rational Developer for i for SOA Construction. Details of the packaging and naming changes may be found elsewhere within this announcement.

Rational Developer for i is available in three editions:

- RPG and COBOL Tools (Note: This also supports C, C++, CL, DDS, and SQL development)
- RPG and COBOL + Modernization Tools, Java Edition
- RPG and COBOL + Modernization Tools, EGL Edition

Among the key capabilities provided by V9.0 and previous versions:

- Remote System Explorer for connecting to IBM i servers, searching and managing server-side files, and running server scripts
- Language-aware editors and refactoring agents
- Debuggers (including server-side agents)
- Application analysis tools

These are the key new capabilities introduced in Rational Developer for i, V9.0:

- The RPG and COBOL + Modernization Tools, Java Edition includes a rich subset of the Rational Application Developer for WebSphere Software offering. It therefore reflects several of the new V9.0 enhancements to that offering. These include support for the latest version of the WebSphere Application Server Liberty profile, and enhancements to tools for developing web and mobile web application front ends.

- The RPG and COBOL + Modernization Tools, Java Edition now includes IBM Worklight Studio to support development of hybrid mobile applications. This combined set of tools provides capabilities for developing multitier, enterprise mobile applications that integrate with back-end systems deployed on IBM i.
- Inclusion of IBM Data Studio.

Rational Developer for AIX and Linux is available in two editions:

- C/C++ Edition
- AIX COBOL Edition

Among the key capabilities provided by V9.0 and previous versions:

- Code coverage tools
- Performance Advisor
- Porting and Migration Advisor
- Remote System Explorer for connecting to Power servers, searching and managing server-side files, and running server scripts
- Language-aware editors and refactoring agents
- Debuggers (including server-side agents)

The key new capabilities introduced in Rational Developer for AIX and Linux , V9.0 are:

- Support for core application development on x86 Linux , plus porting of the resultant workloads to, and optimization for, AIX or Linux on Power as desired. Support for these scenarios aligns with the use of IBM Flex and PureFlex™ systems which support flexible combinations of x86 and Power architectures and operating systems.
- Broadened capabilities of the Performance Advisor feature: support for the COBOL language and basic profiling capabilities for Java .
- Significant improvements to Remote Systems Explorer "qualities of service," such as improved responsiveness, availability of a cancel action for more operations, and reduced consumption of server-side memory.
- Both editions include a rich subset of the IBM Rational Application Developer for WebSphere Software. They therefore reflect several of the new V9.0 enhancements to that offering's capabilities including support for the latest version of the WebSphere Application Server Liberty profile, and enhancements to tools for developing web and mobile web application front-ends.
- Both editions now include IBM Worklight Studio to add support for developing hybrid mobile applications. With the combination of the Worklight capabilities, the subset of IBM Rational Application Developer for WebSphere Software capabilities, and its own native capabilities, Rational Developer for AIX and Linux now provides a stronger solution for developing multitier, multichannel applications that integrate with back-end systems implemented in C/C++, Java , and COBOL running on AIX or Linux on Power servers.
- Command line code coverage support (enables integration of this support into automated build environments).
- Editor for bash source code.
- Inclusion of IBM Data Studio.

Rational Developer for i and Rational Developer for AIX and Linux are designed to help organizations raise developer productivity, attract and retain talent, and reduce initial training costs (as many new hires will already be familiar with the Eclipse workbench environment). They support development in both server-connected and disconnected modes. While connected, the tools are integrated with the optimizing IBM compilers for the various Power Systems™ operating systems and languages, as well as with server-side explorer and debugger services.

When used in combination with IBM Power Systems compilers and Rational Team Concert™ , these offerings serve as key elements of a comprehensive

application development, porting, optimization, and collaborative application lifecycle management solution that is optimized for Power Systems , but also serves in multiplatform development environments.

Key prerequisites

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

Planned availability date

- Passport Advantage®
 - June 14, 2013: Electronic availability
 - July 5, 2013: Physical availability
- Advanced Administration System (AAS)
 - June 28, 2013

Description

New offering structures (packaging)

As of V9.0 the IBM Rational IDEs that are specialized for IBM i, AIX , and Linux on Power , Flex systems, and Pure systems are packaged as follows:

IBM Rational Developer for i (Passport PID: 5724-Y99, AAS PID: 5733-RDW)

- RPG and COBOL Tools¹ (Note: This offering also supports C, C++, CL, DDS, and SQL development on IBM i)
- RPG and COBOL + Modernization Tools, Java Edition¹
- RPG and COBOL + Modernization Tools, EGL Edition¹

IBM Rational Developer for AIX and Linux (Passport PID: 5725-L11, AAS PID: 5733-RDX)

- C/C++ Edition¹
- AIX COBOL Edition¹

¹ In the Passport Advantage system these offerings are structured as sets of Part Numbers under a parent PID. In the Advanced Administration System (AAS) they are structured as sets of Feature Codes under a parent PID.

Basic capabilities

These are among the key capabilities provided by IBM Rational Developer for i, V9.0 and its prior-version predecessors:

- Remote Systems Explorer for connecting to IBM i servers, searching and managing server-side files, and running server scripts
- Language-aware editors and refactoring agents
- Debuggers (including server-side agents) that support multithreaded application debugging, and debugging of solutions that span multiple languages and platforms
- Application analysis tools

These are among the key capabilities provided by IBM Rational Developer for AIX and Linux , V9.0 and its prior-version predecessors:

- Code (test) coverage tools
- Performance Advisor

- Porting and Migration Advisor
- Remote Systems Explorer for connecting to Power servers, searching and managing server-side files, and running server scripts
- Language-aware editors and refactoring agents
- Debuggers (including server-side agents) that support multithreaded application debugging, and debugging of solutions that span multiple languages and platforms

These IDE offerings run on developers' desktops and are integrated with the server-side optimizing IBM compilers for the various Power operating systems and languages, as well as with server-side explorer and debugger services. They can also support many development activities while not connected to a server.

These IDE offerings are optimized for use with Power Systems compilers and Rational Team Concert , and have specific points of integration with those offerings. When used together, these offerings provide an application development, porting, optimization, and collaborative application lifecycle management solution that is optimized for the Power architecture and operating systems, but also serves in multiplatform development environments.

New capabilities

The key new capabilities introduced in Rational Developer for i, V9.0 are:

- Included in the **RPG and COBOL + Modernization Tools, Java Edition** , a rich subset of the IBM Rational Application Developer for WebSphere Software offering. It therefore reflects several of the new V9.0 enhancements to that offering. These includes support for the latest version of the WebSphere Application Server Liberty profile, and enhancements to tools for developing web and mobile web application front ends.
- Now included in the **RPG and COBOL + Modernization Tools, Java Edition** , IBM Worklight Studio to support development of hybrid mobile applications. This edition is now a stronger solution for developing multitier, enterprise mobile applications that integrate with back-end systems deployed on IBM i.

The key new capabilities introduced in Rational Developer for AIX and Linux , V9.0 are:

- Support for core application development on x86 Linux , plus porting of the resultant workloads to, and optimization for, AIX or Linux on Power as desired. Support for these scenarios aligns with the use of IBM Flex and PureFlex systems which support flexible combinations of x86 and Power architectures and operating systems.
- Broadened capabilities of the Performance Advisor feature and support for the COBOL language and basic profiling capabilities for Java .
- Support for a new command line debugger that is designed to make it easy for users of dbx to transition to the Rational Developer GUI. The new line debugger supports a large subset of the dbx command set and allows the command line debug session to connect to a running Rational Developer client. This supports visual debugging in parallel with command line debugging -- user can control the debugger from a command line on the host or from the Rational Developer for AIX and Linux debug console.
- Significant improvements to Remote Systems Explorer "qualities of service," such as improved responsiveness, availability of a cancel action for more operations, and reduced consumption of server-side memory.
- Both editions include a rich subset of the IBM Rational Application Developer for WebSphere Software. They therefore reflect several of the new V9.0 enhancements to that offering's capabilities including support for the latest version of the WebSphere Application Server Liberty profile, and enhancements to tools for developing web and mobile web application front ends.
- Both editions now include of IBM Worklight Studio to add support for developing hybrid mobile applications. With the combination of the Worklight capabilities, the subset of IBM Rational Application Developer for WebSphere Software capabilities, and its own native capabilities, Rational Developer for AIX and Linux

now provides a solution for developing multitier, multichannel applications that integrate with back-end systems implemented in C/C++, Java , and COBOL running on AIX or Linux on Power servers.

- Command line code coverage support (enables integration of this support into automated build environments).
- Editor for bash source code.
- Inclusion of IBM Data Studio.

Deprecations

These capabilities are declared to be deprecated as of V9.0 and they might be removed from the products in some future release. Clients who believe they would be adversely impacted by future removal of these capabilities should inform Rational Client Support, so that their feedback can be considered in future product planning.

These deprecations apply to Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition, to Rational Developer for AIX and Linux C/C++ Edition, and to Rational Developer for AIX and Linux COBOL Edition:

- Rational Unified Process (RUP) Process Advisor and Process Browser
- Rational ClearCase® SCM Adapter
- Rational RequisitePro® Integration

Relationships of V9.0 Packaging to V8.5 Packaging

The packaging of the Rational V8.5 offerings for Power Systems was as follows:

- Rational Developer for Power Systems Software
 - RPG and COBOL Development Tools for i²
 - C/C++ Development Tools for AIX ²
 - COBOL Development Tools for AIX ²
 - C/C++ Development Tools for Linux ²
 - C/C++ Development Studio for AIX
 - C/C++ Development Studio for Linux
 - COBOL Development Studio for AIX
 - Power Tools for i²
 - Power Tools for AIX ²
- Rational Developer for i for SOA Construction

² In the Passport Advantage system, each of these offerings, known as a "chargeable component", was structured as sets of Part Numbers under the version-agnostic parent PID. In the Advanced Administration System (AAS), each was structured as a separate, version-specific PID, with each supported by a corresponding set of SWMA PIDs used to register the product for support, renew support, or reinstate support.

The Development Studio offerings were soft bundles of one of the IDE offerings, plus a corresponding compiler. These were available through Passport Advantage only. Each was structured as a chargeable component under the Rational Developer for Power Systems Software parent PID.

The new packaging at version 9.0 is as follows:

IBM Rational Developer for i

- RPG and COBOL Tools³
- RPG and COBOL + Modernization Tools, Java Edition³
- RPG and COBOL + Modernization Tools, EGL Edition³

IBM Rational Developer for AIX and Linux

- C/C++ Edition³

- AIX COBOL Edition³

³ In the Passport Advantage system, each of these offerings is structured as a set of Part Numbers under the version-agnostic parent PID. In the Advanced Administration System (AAS), each is structured as a set of feature codes under a version-specific parent PID. Each of the parent PIDs has a corresponding set of "SWMA" PIDs that used to register the product for support, renew support, or reinstate support. These SWMA PIDs also provide sets of feature codes that are specific to the sub-offerings.

Clients who hold entitlements to the old offerings with active maintenance agreements, will become entitled to the new offerings as follows:

Rational Developer for Power Systems Software RPG and COBOL Development Tools for i:

- Client will receive a 1-for-1 entitled migration to Rational Developer for i RPG and COBOL Tools
 - Equivalent product capabilities
 - V9.0 enhancements

Rational Developer for i for SOA Construction

- Client will receive a 1-for-1 entitled migration to Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition
 - Equivalent product capabilities
 - V9.0 enhancements
 - Free HATS Toolkit is no longer included in packaging - download separately from ibm.com[®]

Rational Developer for Power Systems Software Power Tools for i

- Client will receive a 1-for-1 entitled migration to Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition
 - Equivalent product capabilities
 - V9.0 enhancements

Rational Developer for Power Systems Software C/C++ Development Tools for AIX

- Client will receive a 1-for-1 entitled migration to Rational Developer for AIX and Linux C/C++ Edition
 - Enriched product capabilities (subset of Rational Application Developer capabilities, integration with Worklight Studio and IBM Data Studio)
 - V9.0 enhancements

Rational Developer for Power Systems Software Power Tools for AIX

- Client will receive a 1-for-1 entitled migration to Rational Developer for AIX and Linux C/C++ Edition
 - Equivalent product capabilities
 - V9.0 enhancements

Rational Developer for Power Systems Software C/C++ Development Studio for AIX

- Client will receive a 1-for-1 entitled migration to **both** Rational Developer for AIX and Linux C/C++ Edition and IBM XL C/C++ for AIX (compiler)
 - Equivalent compiler product capabilities
 - Enriched IDE product capabilities (subset of Rational Application Developer capabilities, integration with Worklight Studio and IBM Data Studio)
 - V9.0 IDE enhancements

Rational Developer for Power Systems Software COBOL Development Tools for AIX

- Client will receive a 1-for-1 entitled migration to Rational Developer for AIX and Linux AIX COBOL Edition
 - Enriched product capabilities (subset of Rational Application Developer capabilities, integration with Worklight Studio and IBM Data Studio)
 - V9.0 enhancements

Rational Developer for Power Systems Software COBOL Development Studio for AIX

- Client will receive a 1-for-1 entitled migration to **both** Rational Developer for AIX and Linux AIX COBOL Edition and IBM COBOL for AIX (compiler)
 - Equivalent compiler product capabilities
 - Enriched IDE product capabilities (subset of Rational Application Developer capabilities, integration with Worklight Studio and IBM Data Studio)
 - V9.0 IDE enhancements

Rational Developer for Power Systems Software C/C++ Development Tools for Linux

- Client will receive a 1-for-1 entitled migration to Rational Developer for AIX and Linux C/C++ Edition
 - Enriched product capabilities (subset of Rational Application Developer capabilities, integration with Worklight Studio and IBM Data Studio)
 - V9.0 enhancements

Rational Developer for Power Systems Software C/C++ Development Studio for Linux

- Client will receive a 1-for-1 entitled migration to **both** Rational Developer for AIX and Linux C/C++ Edition and IBM XL C/C++ for Linux (compiler)
 - Equivalent compiler product capabilities
 - Enriched IDE product capabilities (subset of Rational Application Developer capabilities, integration with Worklight Studio and IBM Data Studio)
 - V9.0 IDE enhancements

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT) containing details on accessibility compliance can be requested at

http://www.ibm.com/able/product_accessibility/index.html

Section 508 of the US Rehabilitation Act

Rational Developer for i, V9.0 and Rational Developer for AIX and Linux , V9.0 are capable as of June 14, 2013, when used in accordance with associated IBM documentation, of satisfying the applicable requirements of Section 508 of the Rehabilitation Act, provided that any assistive technology used with the product properly interoperates with it.

Program number

Program number	VRM	Program name
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Passport Advantage:

5724-Y99	9.0	IBM Rational Developer for i
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5725-L11	9.0	IBM Rational Developer for AIX and Linux
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Advanced Administration System (AAS):

5733-RDW 9.0 IBM Rational Developer for i
5733-RDX 9.0 IBM Rational Developer for AIX and Linux

Product identification number

Program PID number	SWMA PID number	SWMA PID description
5733-RDW	5660-RDW	Rational Developer for i N/C Registration and 1-year renewal
	5661-RDW	Rational Developer for i 1 year after license
	5662-RDW	Rational Developer for i 3-year registration
	5663-RDW	Rational Developer for i 3-year renewal
	5664-RDW	Rational Developer for i 3 year after license

Program PID number	SWMA PID number	SWMA PID description
5733-RDX	5660-RDX	Rational Developer for AIX and Linux N/C Registration and 1-year renewal
	5661-RDX	Rational Developer for AIX and Linux 1 year after license
	5662-RDX	Rational Developer for AIX and Linux 3-year registration
	5663-RDX	Rational Developer for AIX and Linux 3-year renewal
	5664-RDX	Rational Developer for AIX and Linux 3 year after license

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>

Business Partner information

If you are a Direct Reseller - System Reseller acquiring products from IBM , you may link directly to Business Partner information for this announcement. A PartnerWorld® ID and password are required (use IBM ID).

<https://www.ibm.com/partnerworld/mem/sla.jsp?num=213-132>

Publications

No publications are shipped with these programs.

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, free of charge.

Technical information

Specified operating environment

Hardware requirements

Rational Developer for i RPG and COBOL Tools, V9.0

- Processor: 32-bit (x86) core2 duo (or equivalent) minimum; 64-bit (x64) core2 quad (or equivalent) recommended.
- Disk space: Minimum: 1.5 GB depending upon configuration.
- Display: 1024 x 768; 1280 X 1024 recommended.
- Memory: 2 GB RAM minimum; 3 GB RAM recommended.

Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition, V9.0

- Processor: 32-bit (x86) core2 duo (or equivalent) minimum; 64-bit (x64) core2 quad (or equivalent) recommended; High End Configuration (Large Workspace/Multiple WAS): 64-bit (x64) processor, i5 (or equivalent), or better.
- Disk space: Minimum: 2 - 5 GB depending upon configuration. **Note:** Additional WAS test environments may require additional disk space.
- Display: 1024 x 768; 1280 X 1024 recommended.
- Memory: 3 GB RAM minimum; 4 GB RAM recommended. High End Configuration (Large Workspace/Multiple WAS): 6 GB RAM.

Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition, V9.0

This edition is a software bundle that includes Rational Developer for i RPG and COBOL Tools, V9.0 and Rational Business Developer, V9.0.

- For hardware requirements for Rational Developer for i RPG and COBOL Tools, V9.0, refer to above information.
- For hardware requirements for Rational Business Developer, V9.0, refer to Software Announcement [213-211](#), dated April 23, 2013 .

Rational Developer for AIX and Linux C/C++ Edition and Rational Developer for AIX and Linux AIX COBOL Edition, V9.0

- Processor: 32-bit (x86) core2 duo (or equivalent) minimum; 64-bit (x64) core2 quad (or equivalent) recommended; High End Configuration (Large Workspace/Multiple WAS): 64-bit (x64) processor, i5 (or equivalent), or better.
- Disk space: Minimum: 2 - 5 GB depending upon configuration. Note: Additional WAS test environments may require additional disk space.

- Display: 1024 x 768; 1280 X 1024 recommended.
- Memory: 3 GB RAM minimum; 4 GB RAM recommended. High End Configuration (Large Workspace/Multiple WAS): 6 GB RAM.

Software requirements

Rational Developer for i, V9.0

Server (what the IDE connects to):

- Supported IBM i operating system versions: 6.1, 7.1
- More information about any required Power Systems server PTFs can be found by:
 - Opening the Remote System Explorer perspective if it is not already open. The name of the current perspective is shown in the top left corner of the title bar for the Window. To open the Remote Systems Explorer perspective, select Window > Open Perspective > Other and select Remote System Explorer from the list.
 - Creating a connection to your IBM i by expanding New Connection and double-clicking on IBM i.
 - Expanding your new connection and right-click on IBM i Objects.
 - Selecting Verify Connection from the menu. This displays a dialog that shows which required PTFs are already installed on the system and which ones are missing.
- IBM i is needed only if the programming objects are located on the IBM i or the applications contain backend code on the IBM i.
- Compiling RPG, COBOL, C, C++, CL, or DDS on IBM i using the Remote System Explorer (RSE), the compilers must be installed.

Desktop (what the IDE runs on):

- Operating systems:
 - Microsoft™ Windows™ XP Professional in 32-bit mode
 - Microsoft Windows Server 2008 R2 Standard and Enterprise Edition in 64-bit mode
 - Microsoft Windows 7 Professional, Enterprise, and Ultimate in 32-bit and 64-bit mode
 - Microsoft Windows 8 Professional and Enterprise in 64-bit mode
 - Red Hat Enterprise Linux (RHEL) Desktop 6 x86-32 and x86-64
 - SUSE Linux Enterprise Desktop (SLED) 11 x86-32 and x86-64
 - Ubuntu 12.04 LTS x86-32 and x86-64
- One of the following web browsers:
 - Microsoft Internet Explorer 7.0, or later
 - Firefox 5.0, or later

Rational Developer for AIX and Linux C/C++ Edition, V9.0

Server (what the IDE connects to):

- Operating systems:
 - AIX 6.1 TL5 64-bit
 - AIX 7.1 64-bit
 - Red Hat Enterprise Linux (RHEL) Server 6 for IBM Power
 - Red Hat Enterprise Linux (RHEL) Server 6 x86-64
 - Red Hat Enterprise Linux (RHEL) Client 6 x86-64
 - SUSE Linux Enterprise Server (SLES) 11 SP1, or higher for IBM Power
 - SUSE Linux Enterprise Server (SLES) 11 SP1, or higher x86-64

- SUSE Linux Enterprise Desktop (SLED) 11 x86-64
- Compilers:
 - IBM XL C FOR AIX , 9.0, 10.1, 11.1, or 12.1.
 - IBM XL C/C++ for AIX , 9.0, 10.1, 11.1, or 12.1.
 - IBM XL C/C++ for Linux , 10.1, 11.1, or 12.1
 - GNU C/C++ compiler, 4.3 or higher
 - Known limitations: the following compilers do not generate XML outputs that are required by Rational Developer for AIX and Linux Performance Advisor to support features such as inlining analysis.
 - XL C for AIX 9.0
 - XL C/C++ for AIX 9.0
 - XL C for AIX 10.1
 - XL C/C++ for AIX 10.1
 - GNU on Linux

Desktop (what the IDE runs on):

- Operating systems:
 - Microsoft Windows XP Professional in 32-bit mode
 - Microsoft Windows Server 2008 R2 Standard and Enterprise Edition in 64-bit mode
 - Microsoft Windows 7 Professional, Enterprise, and Ultimate in 32-bit and 64-bit mode
 - Microsoft Windows 8 Professional and Enterprise in 64-bit mode
 - Red Hat Enterprise Linux (RHEL) Desktop 6 x86-32 and x86-64
 - SUSE Linux Enterprise Desktop (SLED) 11 x86-32 and x86-64
 - Ubuntu 12.04 LTS x86-32 and x86-64
- One of the following web browsers:
 - Microsoft Internet Explorer 7.0, or later
 - Firefox 5.0, or later

Rational Developer for AIX and Linux AIX COBOL Edition, V9.0

Server (what the IDE connects to):

- Supported server operating systems:
 - AIX 6.1 TL5 64-bit
 - AIX 7.1 64-bit
- Supported compilers: IBM COBOL for AIX , 3.1, 4.1, or 4.1.1.

Desktop (what the IDE runs on):

- Operating systems:
 - Microsoft Windows XP Professional in 32-bit mode
 - Microsoft Windows Server 2008 R2 Standard and Enterprise Edition in 64-bit mode
 - Microsoft Windows 7 Professional, Enterprise, and Ultimate in 32-bit and 64-bit mode
 - Microsoft Windows 8 Professional and Enterprise in 64-bit mode
 - Red Hat Enterprise Linux (RHEL) Desktop 6 x86-32 and x86-64
 - SUSE Linux Enterprise Desktop (SLED) 11 x86-32 and x86-64
 - Ubuntu 12.04 LTS x86-32 and x86-64
- One of the following web browsers:

- Microsoft Internet Explorer 7.0, or later
- Firefox 5.0, or later

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.

Limitations

For additional information, refer to [Usage restriction](#) in the [Terms and conditions](#) section of this announcement, or to the license information document that is available on the IBM Software License Agreement website

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

IBM Electronic Support

The IBM Support Portal is your gateway to technical support. This includes IBM Electronic Support tools and resources, for software and hardware, to help save time and simplify support. The Electronic Support tools can help you find answers to questions, download fixes, troubleshoot, automate data collection, submit and track problems through the Service Request online tool, and build skills. All these tools are made available through your IBM support agreement, at no additional charge.

Read about the Electronic Support portfolio of tools at

<http://ibm.com/electronicssupport>

Access the IBM Support Portal at

<http://ibm.com/support>

Access the online Service Request tool at

<http://ibm.com/support/servicerequest>

Planning information

Packaging

Rational Developer for i RPG and COBOL Tools, V9.0

- READ ME FIRST - Quick Start Guide V9.0
- Core product V9.0
- Rational Team Concert Client Integration for IBM i V9.0
- IBM i Web Services and java Tools Extension V9.0
- Rational Developer for i RPG and COBOL Tools Activation kit V9.0 (AAS only)
- IBM Worklight Studio V6.0
- Rational Test Workbench V8.5 Mobile Extension
- IBM Data Studio V4.1
- Rational Enterprise Deployment V1.6.3
- Rational License Key Server V8.1.3 (Passport Advantage only)
- License Information document V9.0 (AAS only)

Rational Developer for i RPG and COBOL Tools + Modernization Tools, Java Edition, V9.0

- READ ME FIRST - Quick Start Guide V9.0
- Core product V9.0

- Rational Team Concert Client Integration for IBM i Extension V9.0
- Activation kits (AAS only)
 - Rational Developer for i RPG and COBOL Tools activation kit V9.0
 - Rational Developer for i RPG and COBOL Tools + Modernization Tools, Java Edition activation kit V9.0
- Rational Application Developer - WebSphere Application Server Test Environment
- Rational Desktop Connection Toolkit V2.0 for Cloud Environment
- Rational Code Coverage Extension V8.5.1
- Rational Java Runtime Environment for V1.7
- Rational Application Developer - Build Utility V9.0
- Rational Application Developer - Rational Team Concert Server V8.5.1
- Rational WebSphere Portal Server V8.0
- Rational Agent Controller V9.0
- IBM Worklight Studio V6.0
- Rational Test Workbench V8.5 Mobile Extension
- IBM Data Studio V4.1
- Rational Enterprise Deployment V1.6.3
- Rational License Key Server V8.1.3 (Passport Advantage only)
- License Information document V9.0 (AAS only)

Rational Developer for i RPG and COBOL Tools + Modernization Tools, EGL Edition, V9.0

- READ ME FIRST - Quick Start Guide V9.0
- Rational Developer for i RPG and COBOL Tools Core product V9.0
- Rational Team Concert Client Integration for IBM i Extension V9.0
- IBM i Web Services and Java Tools Extension V9.0
- Rational Business Developer V9.0
- IBM DB2® Express® Edition V10.1 for Rational Business Developer
- IBM DB2 Connect™ Personal Edition V10.1 for Rational Business Developer
- Rational Application Developer - WebSphere Application Server Test Environment
- IBM Worklight Studio V6.0
- Rational Test Workbench V8.5 Mobile Extension
- IBM Data Studio V4.1
- Rational Enterprise Deployment V1.6.3
- Rational License Key Server V8.1.3 (Passport Advantage only)
- Activation kits (AAS only)
 - Rational Developer for i RPG and COBOL Tools activation kit V9.0
 - Rational Business Developer activation kit V9.0
- License Information document V9.0 (AAS only)

Rational Developer for AIX and Linux C/C++ Edition, V9.0

- READ ME FIRST - Quick Start Guide V9.0
- Core product V9.0
- AIX and Linux Server Runtimes V9.0
- Rational Developer for AIX and Linux C/C++ Edition Activation kit V9.0 (AAS only)
- Rational Application Developer - WebSphere Application Server Test Environment
- Rational Desktop Connection Toolkit V2.0 for Cloud Environment
- Rational Code Coverage Extension V8.5.1

- Rational Java Runtime Environment for V1.7
- Rational Application Developer - Build Utility V9.0
- Rational Application Developer - Rational Team Concert Server V8.5.1
- Rational WebSphere Portal Server V8.0
- Rational Agent Controller V9.0
- IBM Worklight Studio V6.0
- Rational Test Workbench V8.5 Mobile Extension
- IBM Data Studio V4.1
- License Information document V9.0 (AAS only)

Rational Developer for AIX and Linux AIX COBOL Edition, V9.0

- READ ME FIRST - Quick Start Guide 9.0
- Core product V9.0
- AIX and Linux Server Runtimes V9.0
- Rational Developer for AIX and Linux AIX COBOL Edition Activation kit V9.0 (AAS only)
- Rational Application Developer - WebSphere Application Server Test Environment
- Rational Desktop Connection Toolkit V2.0 for Cloud Environment
- Rational Code Coverage Extension V8.5.1
- Rational Java Runtime Environment for V1.7
- Rational Application Developer - Build Utility V9.0
- Rational Application Developer - Rational Team Concert Server V8.5.1
- Rational WebSphere Portal Server V8.x
- Rational Agent Controller V9.0
- IBM Worklight Studio V6.0
- Rational Test Workbench V8.5 Mobile Extension
- IBM Data Studio V4.1
- License Information document V9.0 (AAS only)

This program, when downloaded from a website, contains the applicable IBM license agreement and License Information, if appropriate, and will be presented for acceptance at the time of installation of the program. For future reference, the license and License Information will be stored in a directory such as LICENSE.TXT.

Security, auditability, and control

The products in this announcement uses the security and auditability features of the respective operating systems. The customer is responsible for evaluation, selection, and implementation of security features, administrative procedures, and appropriate controls in application systems and communication facilities.

Software Services

IBM Software Services has the breadth, depth, and reach to manage your services needs. You can leverage the deep technical skills of our lab-based, software services team and the business consulting, project management, and infrastructure expertise of our IBM Global Services team. Also, we extend our IBM Software Services reach through IBM Business Partners to provide an extensive portfolio of capabilities. Together, we provide the global reach, intellectual capital, industry insight, and technology leadership to support a wide range of critical business needs.

To learn more about IBM Software Services or to contact a Software Services sales specialist, visit

Ordering information

Product identifier description	PID	Product group	Product category
IBM Rational Developer for i	5724-Y99	IBM Rational	Enterprise Modernization
IBM Rational Developer for i	5733-RDW	IBM Rational	Enterprise Modernization
IBM Rational Developer for AIX and Linux	5725-L11	IBM Rational	Enterprise Modernization
IBM Rational Developer for AIX and Linux	5733-RDX	IBM Rational	Enterprise Modernization

Passport Advantage

Program name/Description	Part number
IBM Rational Developer for i:	
RPG and COBOL Tools AU Lic+S&S 12 Mo	D0C5FLL
RPG and COBOL Tools AU Annual SW S&S Renewal	E08DBLL
RPG and COBOL Tools AU SW S&S Reinstatement 12 Mo	D0C5GLL
RPG and COBOL Tools FUSI Lic+S&S 12 Mo	D0C5ILL
RPG and COBOL Tools FUSI Annual SW S&S Renewal	E08DCLL
RPG and COBOL Tools FUSI SW S&S Reinstatement 12 Mo	D0C5JLL
RPG and COBOL Tools FUSI Initial Fixed Term Lic+S&S 12 Mo	D0LJWLL
RPG and COBOL Tools FUSI Subseq Fixed Term Lic+S&S 12 Mo	E0CXMLL
RPG and COBOL + Modernization Tools, Java Edition AU Lic+S&S 12 Mo	D0ZN3LL
RPG and COBOL + Modernization Tools, Java Edition AU Annual SW S&S Renewal	E0HMQLL
RPG and COBOL + Modernization Tools, Java Edition AU SW S&S Reinstatement 12 Mo	D0ZNALL
RPG and COBOL + Modernization Tools, Java Edition FUSI Lic+S&S 12 Mo	D0ZN4LL
RPG and COBOL + Modernization Tools, Java Edition FUSI Annual SW S&S Renewal	E0HMRLl
RPG and COBOL + Modernization Tools, Java Edition FUSI SW S&S Reinstatement 12 Mo	D0ZNBLL
RPG and COBOL + Modernization Tools, Java Edition FUSI Initial Fixed Term Lic+S&S 12 Mo	D0ZNSLL
RPG and COBOL + Modernization Tools, Java Edition FUSI Subsequent Fixed Term Lic+S&S 12 Mo	E0HMXLL
RPG and COBOL + Modernization Tools, EGL Edition	D0ZN5LL

AU Lic+S&S 12 Mo	
RPG and COBOL + Modernization Tools, EGL Edition AU Annual SW S&S Renewal	E0HMSLL
RPG and COBOL + Modernization Tools, EGL Edition AU SW S&S Reinstatement 12 Mo	D0ZNCLL
IBM Rational Developer for AIX and Linux:	
C/C++ Edition AU Lic+S&S 12 Mo	D0ZN6LL
C/C++ Edition AU Annual SW S&S Renewal	E0HMTLL
C/C++ Edition AU SW S&S Reinstatement 12 Mo	D0ZNDLL
C/C++ Edition FUSI Lic+S&S 12 Mo	D0ZN7LL
C/C++ Edition FUSI Annual SW S&S Renewal	E0HMULL
C/C++ Edition FUSI SW S&S Reinstatement 12 Mo	D0ZNELL
C/C++ Edition FUSI Initial Fixed Term Lic+S&S 12 Mo	D0ZNULL
C/C++ Edition FUSI Subsequent Fixed Term Lic+S&S 12 Mo	E0HMZLL
COBOL Edition AU Lic+S&S 12 Mo	D0ZN8LL
COBOL Edition AU Annual SW S&S Renewal	E0HMVLL
COBOL Edition AU SW S&S Reinstatement 12 Mo	D0ZNFLL
COBOL Edition FUSI Lic+S&S 12 Mo	D0ZN9LL
COBOL Edition FUSI Annual SW S&S Renewal	E0HMWLL
COBOL Edition FUSI SW S&S Reinstatement 12 Mo	D0ZNGLL
COBOL Edition FUSI Initial Fixed Term Lic+S&S 12m	D0ZNWLL
COBOL Edition FUSI Subseq Fixed Term Lic+S&S 12m	E0HN1LL

Passport Advantage trade up

You must have previously acquired a license for the following precursor product to be eligible to acquire an equivalent license of the trade-up product.

Precursor product	Trade up product	Trade up part number
Rational Development Studio for i - ADTS AU (5761-WDS or 5770-WDS)	Rational Developer for i RPG and COBOL Tools AU (5724-Y99)	D0C5HLL
Rational Developer for i RPG and COBOL Tools AU (5724-Y99)	Rational Developer for i RPG and COBOL Tools FUSI (5724-Y99)	D0C5KLL
Rational Developer for i RPG and COBOL Tools AU (5724-Y99)	Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition AU (5724-Y99)	D0ZNHLL
Rational Development Studio for i - ADTS AU (5761-WDS or 5770-WDS)	Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition AU (5724-Y99)	D0ZNJLL
Rational Developer for i RPG and COBOL + Modernization Tools, Java	Rational Developer for i RPG and COBOL + Modernization Tools, Java	D0ZNKLL

Edition AU (5724-Y99)	Edition FUSI (5724-Y99)	
Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition AU (5724-Y99)	Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition AU (5724-Y99)	D0ZNILL
Rational Development Studio for i - ADTS AU (5761-WDS or 5770-WDS)	Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition AU (5724-Y99)	D0ZNLLL
Rational Developer for i RPG and COBOL Tools AU (5724-Y99)	Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition AU (5724-Y99)	D0ZNMML
Rational Developer for AIX and Linux C/C++ Edition AU (5725-L11)	Rational Developer for AIX and Linux C/C++ Edition FUSI (5725-L11)	D0ZNNLL
Competitor	Rational Developer for AIX and Linux C/C++ Edition FUSI (5725-L11)	D0ZNQLL
Rational Developer for AIX and Linux COBOL Edition AU (5725-L11)	Rational Developer for AIX and Linux COBOL Edition FUSI (5725-L11)	D0ZNPPL
Competitor	Rational Developer for AIX and Linux COBOL Edition FUSI (5725-L11)	D0ZNRLL

Consult your IBM representative if you have any questions.

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.

Media pack description	Part number
Rational Developer for i RPG and COBOL Tools V9.0	BT0IKML
Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition V9.0	BT0ILML
Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition V9.0	BT0IMML
Rational Developer for AIX and Linux V9.0	BT0INML

Charge features

5733-RDW	
IBM Rational Developer for i RPG and COBOL Tools	Charge feature
Per Auth User with 1 year SWMA Maintenance	0037
Per Auth User obtained with HW with 1 Year SWMA Maintenance	0043
Upgrade from 5761-WDS ADTS 6.1 AU with 1 yr SWMA Maintenance	0041
Upgrade from 5770-WDS ADTS 7.1 AU with 1 yr SWMA Maintenance	0042
Upgrade from 5733-RDG V8 AU with 1 yr SWMA Maintenance	0038
Upgrade from 5733-RDP V7 AU with 1 yr SWMA Maintenance	0040
Upgrade from 5733-RDI V8 AU with 1 yr SWMA Maintenance	0039

5660-RDW IBM Rational Developer for i RPG and COBOL Tools	Charge feature
Per Auth User SWMA NoCharge Registration	2078
Per Auth User SWMA 1 year renewal	2077
5661-RDW IBM Rational Developer for i RPG and COBOL Tools	Charge feature
Per Auth User SWMA 1 year after license	0818
5662-RDW IBM Rational Developer for i RPG and COBOL Tools	Charge feature
Per Auth User SWMA 3 year Registration	1297
5663-RDW IBM Rational Developer for i RPG and COBOL Tools	Charge feature
Per Auth User SWMA 3 year renewal	0268
5664-RDW IBM Rational Developer for i RPG and COBOL Tools	Charge feature
Per Auth User SWMA 3 year after license	0004
5733-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	Charge feature
Per Auth User with 1 year SWMA Maintenance	0031
Upgrade from 5733-RDD V8 AU with 1 yr SWMA Maintenance	0032
Upgrade from 5733-RDW EGL Edition AU with 1 yr SWMA Maint	0033
Upgrade from 5733-RDW RPG and COBOL Tools AU with 1 yr SWMA Maintenance	0034
Upgrade from ADTS 6.1 AU with 1 yr SWMA Maintenance	0035
Upgrade from ADTS 7.1 AU with 1 yr SWMA Maintenance	0036

5660-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	Charge feature
Per Auth User SWMA NoCharge Registration	1978
Per Auth User SWMA 1 year renewal	1977
5661-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	Charge feature
Per Auth User SWMA 1 year after license	0774
5662-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	Charge feature
Per Auth User SWMA 3 year Registration	1150
5663-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	Charge feature
Per Auth User SWMA 3 year renewal	0271
5664-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	Charge feature
Per Auth User SWMA 3 year after license	0003
5733-RDW IBM Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition	Charge feature
Per Auth User with 1 year SWMA Maintenance	0025
Upgrade from 5733-SOC V8 AU with 1 yr SWMA Maintenance	0026
Upgrade from 5733-RDW RPG and COBOL Tools AU with 1 yr SWMA Maintenance	0027
Upgrade from ADTS 6.1 AU with 1 yr SWMA Maintenance	0029
Upgrade from ADTS 7.1 AU with 1 yr SWMA Maintenance	0030
Upgrade from 5733-SOA V7 AU with 1 yr SWMA Maintenance	0028

5660-RDW		
IBM Rational Developer for i		Charge
RPG and COBOL + Modernization Tools, EGL Edition		feature
Per Auth User SWMA NoCharge Registration		1976
Per Auth User SWMA 1 year renewal		1975
5661-RDW		
IBM Rational Developer for i		Charge
RPG and COBOL + Modernization Tools, EGL Edition		feature
Per Auth User SWMA 1 year after license		0773
5662-RDW		
IBM Rational Developer for i		Charge
RPG and COBOL + Modernization Tools, EGL Edition		feature
Per Auth User SWMA 3 year Registration		1149
5663-RDW		
IBM Rational Developer for i		Charge
RPG and COBOL + Modernization Tools, EGL Edition		feature
Per Auth User SWMA 3 year renewal		0272
5664-RDW		
IBM Rational Developer for i		Charge
RPG and COBOL + Modernization Tools, EGL Edition		feature
Per Auth User SWMA 3 year after license		0002
5733-RDX		
IBM Rational Developer for AIX		Charge
C/C++ Edition		feature
Per Auth User with 1 year SWMA Maintenance		0012
Upgrade from 5733-RDH V8 AU with 1 yr SWMA Maintenance		0016
Upgrade from 5733-RDC V8 AU with 1 yr SWMA Maintenance		0014
Upgrade from 5733-RDE V8 AU with 1 yr SWMA Maintenance		0015
Upgrade from 5733-RDA V7 AU with 1 yr SWMA Maintenance		0013

5660-RDX IBM Rational Developer for AIX and Linux C/C++ Edition	Charge feature
Per Auth User SWMA NoCharge Registration	1970
Per Auth User SWMA 1 year renewal	1969
5661-RDX IBM Rational Developer for AIX and Linux C/C++ Edition	Charge feature
Per Auth User SWMA 1 year after license	0770
5662-RDX IBM Rational Developer for AIX and Linux C/C++ Edition	Charge feature
Per Auth User SWMA 3 year Registration	1146
5663-RDX IBM Rational Developer for AIX and Linux C/C++ Edition	Charge feature
Per Auth User SWMA 3 year renewal	0269
5664-RDX IBM Rational Developer for AIX and Linux C/C++ Edition	Charge feature
Per Auth User SWMA 3 year after license	0001
5733-RDX IBM Rational Developer for AIX AIX COBOL Edition	Charge feature
Per Auth User with 1 year SWMA Maintenance	0009
Upgrade from 5733-RDJ V8 AU with 1 yr SWMA Maintenance	0011
Upgrade from 5733-RDB V7 AU with 1 yr SWMA Maintenance	0010

5660-RDX IBM Rational Developer for AIX and Linux AIX COBOL Edition	Charge feature
Per Auth User SWMA NoCharge Registration	1974
Per Auth User SWMA 1 year renewal	1973
5661-RDX IBM Rational Developer for AIX and Linux AIX COBOL Edition	Charge feature
Per Auth User SWMA 1 year after license	0772
5662-RDX IBM Rational Developer for AIX and Linux AIX COBOL Edition	Charge feature
Per Auth User SWMA 3 year Registration	1148
5663-RDX IBM Rational Developer for AIX and Linux AIX COBOL Edition	Charge feature
Per Auth User SWMA 3 year renewal	0270
5664-RDX IBM Rational Developer for AIX and Linux AIX COBOL Edition	Charge feature
Per Auth User SWMA 3 year after license	0002

Supply features

Rational Developer for i RPG and COBOL Tools 9.0 (5733-RDW)	5809
Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition 9.0 (5733-RDW)	5810
Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition 9.0 (5733-RDW)	5811
Rational Developer for AIX and Linux C/C++ Edition (5733-RDX)	5809

Rational Developer for AIX and Linux AIX COBOL Edition (5733-RDX)	5810
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Other charge features

Description	Charge feature
5733-RDW EXPEDITE CUSTOMER FEE	3446

No-charge features

Description	Feature
5733-RDW SATELLITE ELECTRONIC DELIVERY	3450
5733-RDW EPOE UPG REG	6001
5733-RDW DEV DEMO SYS SW REG	6485
5733-RDW SHIP PHYSICAL MEDIA	6486
5733-RDX SATELLITE ELECTRONIC DELIVERY	3450
5660-RDW DEV DEMO SYS SW REG	6485
5661-RDW DEV DEMO SYS SW REG	6485
5662-RDW DEV DEMO SYS SW REG	6485
5663-RDW DEV DEMO SYS SW REG	6485
5664-RDW DEV DEMO SYS SW REG	6485
5733-RDW SHIP MEDIA ONLY	3470
5733-RDW SHIP DOCUMENTATION ONLY	3471
5733-RDX SHIP MEDIA ONLY	3470
5733-RDX SHIP DOCUMENTATION ONLY	3471
5733-RDW ELECTRONIC DELIVERY ONLY	3453
5733-RDX ELECTRONIC DELIVERY ONLY	3453
5660-RDW ELECTRONIC DELIVERY ONLY	3453
5661-RDW ELECTRONIC DELIVERY ONLY	3453
5662-RDW ELECTRONIC DELIVERY ONLY	3453
5663-RDW ELECTRONIC DELIVERY ONLY	3453
5664-RDW ELECTRONIC DELIVERY ONLY	3453
5660-RDX ELECTRONIC DELIVERY ONLY	3453
5661-RDX ELECTRONIC DELIVERY ONLY	3453
5662-RDX ELECTRONIC DELIVERY ONLY	3453
5663-RDX ELECTRONIC DELIVERY ONLY	3453
5664-RDX ELECTRONIC DELIVERY ONLY	3453

5733-NKY features to remove key and ePOEs

5733-RDW	2710
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Charge metric

Product name	PID	Charge metric
IBM Rational Developer for i RPG and COBOL Tools	5733-RDW	Authorized User
IBM Rational Developer for i RPG and COBOL + Modernization Tools, Java Edition	5733-RDW	Authorized User
IBM Rational Developer for i RPG and COBOL + Modernization Tools, EGL Edition	5733-RDW	Authorized User
IBM Rational Developer for AIX and Linux C/C++ Edition	5733-RDX	Authorized User
IBM Rational Developer for AIX and	5733-RDX	Authorized User

Linux AIX COBOL Edition

IBM Rational Developer for i RPG and COBOL Tools	5724-Y99	Authorized User Floating User Single Install Fixed term Floating User Single Install
IBM Rational Developer for i RPG and COBOL + Modernizaton Tools, Java Edition	5724-Y99	Authorized User Floating User Single Install Fixed term Floating User Single Install
IBM Rational Developer for i RPG and COBOL + Modernizaton Tools, EGL Edition	5724-Y99	Authorized User
IBM Rational Developer for AIX and Linux C/C++ Edition	5725-L11	Authorized User Floating User Single Install Fixed term Floating User Single Install
IBM Rational Developer for AIX and Linux AIX COBOL Edition	5725-L11	Authorized User Floating User Single Install Fixed term Floating User Single Install

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.

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License Information form number

L-JWOG-94NRKF - Rational Developer for i, V9.0 L-JWOG-94NRVA - Rational Developer for AIX and Linux , V9.0

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.

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<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).

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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 Subscription and Support (also referred to as 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 Subscription and Support (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.

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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 (1) for programs acquired under the IBM International Passport Advantage offering, this term applies only to your first acquisition of the program and (2) for programs acquired under any of IBM's On/Off Capacity on Demand (On/Off CoD) software offerings, this term does not apply since these offerings apply to programs already acquired and in use by you.

Volume orders (IVO)

Yes. Contact your IBM representative.

IBM International Passport Advantage Agreement

Passport Advantage applies

Yes, and through the Passport Advantage website at

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

Usage restriction

Yes. For applicable usage restrictions, refer to the License Information document that is available on the IBM Software License Agreement website

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

Software Subscription and Support applies

Yes. Software Subscription and Support (also referred to as Software Maintenance), is now included in the Passport Advantage Agreement. Installation and technical support for the products announced in this announcement is provided by the Software Subscription and Support offering of the IBM International Passport Advantage Agreement. This fee service enhances customer productivity by providing voice or electronic access into the IBM support organizations.

IBM includes one year of Software Subscription and Support with the initial license acquisition of each program acquired. The initial period of Software Subscription and Support can be extended by the purchase of a renewal option.

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, only 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, every day of the year. 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 this agreement.

For additional information about the Passport Advantage Agreement, visit the Passport Advantage website at

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

All distributed software licenses include Software Subscription and Support for a period of 12 months from the date of acquisition, providing a streamlined way to acquire IBM software and assure technical support coverage for all licenses. Extending coverage, for a total of three years from date of acquisition, may be elected.

Variable charges apply

No

Educational allowance available

Yes. A 15% education allowance applies to qualified education institution customers.

Statement of good security practices

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.

IBM Electronic Services

Electronic Service Agent™ and the IBM Electronic Support web portal are dedicated to providing fast, exceptional support to IBM Systems customers. The IBM Electronic Service Agent tool is a no-additional-charge tool that proactively monitors and reports hardware events, such as system errors, performance issues, and inventory. The Electronic Service Agent tool can help you stay focused on your company's strategic business initiatives, save time, and spend less effort managing day-to-day IT maintenance issues. Servers enabled with this tool can be monitored remotely around the clock by IBM Support all at no additional cost to you.

Now integrated into the base operating system of AIX 5.3, AIX 6.1, and AIX 7.1, Electronic Service Agent is designed to automatically and electronically report system failures and utilization issues to IBM , which can result in faster problem resolution and increased availability. System configuration and inventory information collected by the Electronic Service Agent tool also can be viewed on the secure Electronic Support web portal, and used to improve problem determination and resolution by you and the IBM support team. To access the tool main menu, simply type "smitty esa_main", and select "Configure Electronic Service Agent ." In addition, ESA now includes a powerful web user interface, giving the administrator easy access to status, tool settings, problem information, and filters. For more information and documentation on how to configure and use Electronic Service Agent , refer to

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

The IBM Electronic Support portal is a single Internet entry point that replaces the multiple entry points traditionally used to access IBM Internet services and support. This portal enables you to gain easier access to IBM resources for assistance in resolving technical problems. The My Systems and Premium Search functions make it even easier for Electronic Service Agent tool-enabled customers to track system inventory and find pertinent fixes.

Benefits

Increased uptime: The Electronic Service Agent tool is designed to enhance the Warranty or Maintenance Agreement by providing faster hardware error reporting and uploading system information to IBM Support. This can translate to less wasted time monitoring the "symptoms," diagnosing the error, and manually calling IBM Support to open a problem record. Its 24 x 7 monitoring and reporting mean no more dependence on human intervention or off-hours customer personnel when errors are encountered in the middle of the night.

Security: The Electronic Service Agent tool is designed to be secure in monitoring, reporting, and storing the data at IBM . The Electronic Service Agent tool securely transmits either via the Internet (HTTPS or VPN) or modem, and can be configured to communicate securely through gateways to provide customers a single point of

exit from their site. Communication is one way. Activating Electronic Service Agent does not enable IBM to call into a customer's system. System inventory information is stored in a secure database, which is protected behind IBM firewalls. It is viewable only by the customer and IBM . The customer's business applications or business data is never transmitted to IBM .

More accurate reporting: Since system information and error logs are automatically uploaded to the IBM Support center in conjunction with the service request, customers are not required to find and send system information, decreasing the risk of misreported or misdiagnosed errors. Once inside IBM , problem error data is run through a data knowledge management system and knowledge articles are appended to the problem record.

Customized support: Using the IBM ID entered during activation, customers can view system and support information in the "My Systems" and "Premium Search" sections of the Electronic Support website at

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