



Versions 9.1 of IBM Rational Developer for i and IBM Rational Developer for AIX and Linux introduce significant new capabilities

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At a glance

Versions 9.1 of Rational® Developer for i and Rational Developer for AIX® and Linux™ deliver significant new capabilities. Highlights include:

Rational Developer for i:

- Enhancements to the basic development tools to support the expanded scope of RPG free-form syntax enabled by ILE RPG compiler enhancements that were delivered in fourth quarter, 2013.
- Line level code coverage analysis capability.

Rational Developer for AIX and Linux :

- Streamlined workflow when developing on multiple servers or platforms.
- "Headless" script-driven data collection for the Performance Advisor.
- Performance Advisor "Hotspots browser" that now supports user-controlled groups of processes and threads.

Additional key product information for Versions 9.1 of IBM® Rational Developer for i and IBM Rational Developer for AIX and Linux :

1. Changes are being made to the way that Authorized User activation kits are fulfilled for the Rational Integrated Development Environments. For details, refer to <http://www.ibm.com/support/docview.wss?uid=swg27041656>
2. Some of the Version 9.1 offerings may include as a convenience, third-party open source software components that are provided as is. Refer to the [Description](#) section for details.
3. Refer to companion Software Announcement [214-198](#), dated April 28, 2014, for information about Version 9.1 of the other offerings in the Rational IDE portfolio, which include Rational Application Developer for WebSphere® Software, Rational Developer for System z®, Rational Business Developer, and Rational Developer for the Enterprise. Rational Developer for the Enterprise is a product bundle that includes Rational Developer for i and Rational for AIX and Linux.

For ordering, contact your IBM representative, an IBM Business Partner, or IBM Americas Call Centers at 800-IBM-CALL (Reference: YE001).

Overview

IBM Rational family of Integrated Development Environments (IDEs) is designed to optimize the activities of software design, creation, evolution, initial quality assurance, and maintenance in the context of a development and operations (DevOps) practice. The purpose of the IDEs is to help you realize the objectives of DevOps, such as:

- **Speed:** Deliver more and faster.
- **Business agility:** Make your developers' skills more portable so that you are able to pivot more quickly in response to rapidly changing business conditions and requirements; provide them with tools for rapidly modernizing heritage systems of record and developing multichannel (mobile) applications that use a wide variety of back-end systems.
- **Efficiency:** Eliminate waste, in particular waste introduced by software defects and inefficient collaboration.

The IBM Rational family of IDEs can provide these high-level capabilities:

- (Speed, Agility) Application comprehension and impact analysis tools that help you make decisions more quickly and shorten learning curves.
- (Speed) Intelligent editors, outline views, content assist, auto-completion, instantaneous syntax validation, context help, and other capabilities that help you implement your decisions more quickly.
- (Business Agility) Tools for developing multitier, multichannel (mobile) enterprise applications that use a wide variety of back-end systems.
- (Business Agility) A variety of tools and techniques for maintaining, extending, and modernizing COBOL, RPG, PL/1, EJB, and other applications.
- (Business Agility) A common developer user experience across a breadth of languages, programming models, and platforms.
- (Efficiency) Initial code quality tools such as code-generating wizards, static code analysis, code coverage analysis, profiling, unit test automation, cross-language/cross-platform debugger, and a team debugging capability to help you minimize defect introduction, find introduced defects quickly, and fix them efficiently.
- (Efficiency) Capabilities to help optimize applications for specific target platforms and middleware to help you make the more efficient use of infrastructure and maximize your return on investments.
- (Efficiency) Integrations with the broader IBM DevOps solution to provide developers with collaboration tools and visibility to activities and status across the lifecycle from planning and requirements through change and configuration management, downstream testing and deployment, and customer feedback.

This announcement covers two of the IDE offerings:

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

A companion Software Announcement [214-198](#), dated April 28, 2014, covers V9.1 of the other offerings in the Rational IDE portfolio which include:

- Rational Application Developer for WebSphere Software
- Rational Developer for System z
- Rational Business Developer
- Rational Developer for the Enterprise, a product bundle that includes Rational Developer for i and Rational Developer for AIX and Linux

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

For details regarding key capabilities provided by V9.0 of Rational Developer for i that continue to be provided in V9.1, refer to the [Description](#) section.

For a brief summary of new capabilities introduced in V9.1 of Rational Developer for i, refer to the [At a glance](#) section. For full details about the new capabilities, as well as information about feature deprecations and removals, refer to the [Description](#) section.

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

- C/C++ Edition
- AIX COBOL Edition

For details of key capabilities provided by V9.0 of Rational Developer for AIX and Linux that continue to be provided in V9.1, refer to the [Description](#) section.

For a brief summary of new capabilities introduced V9.1 of Rational Developer for AIX and Linux, refer to the [At a glance](#) section. For full details about the new capabilities, as well as information about feature deprecations and removals, refer to the [Description](#) section.

Rational Developer for i and Rational Developer for AIX and Linux are also designed to help organizations reduce initial training costs. The IDEs provide numerous coding assists, wizards, context help, and other learning aids. Many new hires should already be familiar with the Eclipse workbench environment on which these IDEs are based.

These IDEs 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. They play a key role in developing applications that are optimized for their target platforms and thereby can help enable you to maximize your returns on investments in those platforms.

The Rational IDEs can integrate seamlessly with Rational Team Concert™ which is a planning, collaboration, and change management solution that:

- Helps developers collaborate more efficiently and connect with other project stakeholders
- Lends transparency to development processes and project health by making key status, quality, and risk information available to the broader population of project stakeholders such as project managers, line managers, LOB leaders, and customers (users)

They can be used in combination with other IBM DevOps and Mobile solution components:

- IBM Rational Collaborative Lifecycle Management
- IBM Appscan
- IBM UrbanCode Release
- IBM UrbanCode Deploy
- IBM Rational Test Workbench
- IBM ARCAD Pack for Rational
- IBM Worklight®

The IDEs serve as key elements of a comprehensive DevOps lifecycle solution that is optimized for Power Systems, but also serves in multiplatform development environments, including aiding development of secure, multichannel (mobile) applications that leverage systems of record on AIX, IBM i, Linux, and Windows™.

Key prerequisites

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

Planned availability date

- Passport Advantage®
 - May 23, 2014: Electronic availability
 - June 6, 2014: Physical availability
- Advanced Administration System (AAS)
 - June 13, 2014

Description

Important notes regarding Version 9.1:

1. Changes are being made to the way that Authorized User activation kits are fulfilled for the Rational Integrated Development Environments. For details, refer to <http://www.ibm.com/support/docview.wss?uid=swg27041656>
2. Some of these products may include, as part of their Bills of Materials (installable images), third-party open source software components that owners of the products commonly use in combination with the products. This is done purely as a convenience to the customer. These components are provided as is and IBM does not assume any responsibility for technical support of these components. Technical support of these components is the responsibility of the open source software communities that produce them. Customers are responsible to seek technical support directly from those communities. Also, such third-party components might not conform to IBM's own internal standards for software accessibility and internationalization (for example, such components might be English-only). To the extent that IBM provides internally produced software that implements specific points of integration with such third-party components, or software that provides support for installing such third-party components, IBM does assume responsibility for technical support of the integration or installation software. At this time, in the products that are the subject of this announcement, these third-party components are included as is in the products' Bills of Materials:
 - (Eclipse) eGit
 - (Apache) Cordova

Rational Developer for i Packaging

Rational Developer for i is available in three editions:

- RPG and COBOL Tools For developing basic compiled language applications that run on the IBM i operating system (Note: This edition also supports C, C++, CL, DDS, and SQL development).
- RPG and COBOL + Modernization Tools, Java Edition Supplements the RPG and COBOL Tools with a rich Java, Web, SOA, and mobile development environment to support extension and modernization of heritage IBM i applications.
- RPG and COBOL + Modernization Tools, EGL Edition Supplements the RPG and COBOL Tools with the complete Rational Business Developer product to support extension and modernization of heritage IBM i applications using the EGL language.

Rational Developer for i runs on developers' desktops and is integrated with the server-side optimizing IBM i compilers, as well as with server-side explorer and

debugger services. It can also support many development activities while not connected to a server.

Among the key capabilities provided by V9.0 of Rational Developer for i that continue to be provided in V9.1:

- 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
- In the RPG and COBOL + Modernization Tools, Java Edition: a substantial subset of the IBM Rational Application Developer for WebSphere Software
- offering to support Java, JEE, Web, and SOA development
- In the RPG and COBOL + Modernization Tools, EGL Edition: the complete IBM Rational Business Developer offering
- In the RPG and COBOL + Modernization Tools, Java Edition: inclusion of IBM Worklight Developer Edition to support development of hybrid mobile applications that exploit the capabilities of the Worklight runtimes and connect to systems of record implemented in RPG, COBOL, C/C++, SQL, or Java/JEE running on AIX or Linux on Power® servers
- Inclusion of IBM Data Studio

Rational Developer for i new capabilities in V9.1

- Line level code coverage analysis capability. Code coverage can be launched on any program or service program that can be debugged. The developer can then see by views, html reports, and editor annotations exactly which lines of the programs have been execute or not executed by that particular scenario. This can provide a great benefit in measuring the effectiveness of automated or manual tests. It can help focus additional testing on code paths that have not been executed. It can aid the reduction of the amount of testing required by eliminating tests that are duplicate in terms of which code paths they exercise.
- Enhancements to the basic development tools (such as editor, outline view, and debugger) to support the expanded scope of RPG free-form syntax (H, F, D, and P statements) that is now supported by the ILE RPG compiler. (The compiler is sold separately as Rational Development Studio for i. The new support for full free-form syntax was introduced in a technical refresh of that product delivered in the fourth quarter of 2013). Details:
 - Rational Developer for i 9.1 now fully supports and exploits the new language capabilities with prompting, syntax checking, program verifiers, source styling logic, live outline views, content assist, hover hints, and more.
 - Wizards such as the D-Specs Wizard, Procedure Wizard and Java Method Call Wizard can now generate free-form definitions into the correct location of mixed free-form and fixed-form RPG source.
 - In free-form definitions and calculation statements: new token-specific help for all keywords and built-in functions. Hitting F1 on ILE RPG keywords and built-in functions in free-form control and declaration statements will bring up the section of the RPG reference manual specific to that keyword or built-in functions. This can help developers to learn the new free-form syntax and provide in-context assistance for much of the richness of RPG function found in keywords and built-in functions.
- Support for enhancements to RPG and CL that will be delivered with the next release of the compilers. For example:
 - RPG: CCSID support for handling multiple encodings with confidence.
 - RPG: XML-INTO options.
 - RPG: performance improvement for date and time functions by eliminating the validation step.
 - RPG: timestamp precision is now configurable.

- RPG outline view enhancement: the outline can now be quickly subset to the language elements of interest by specifying a filter. This was one of the highest voted RFEs as customers find the cross-reference information in the outline view invaluable, but find it difficult to find that information among the hundreds of fields in the names space of a large RPG module. The ability to quickly filter to the variable or procedure of interest and see all references can be a boon to their productivity.
- Remote System Explorer (RSE) enhancement: member filters can now subset based upon the 50 character description.
- In the RPG and COBOL + Modernization Tools, Java Edition: support for the latest version of the WebSphere Application Server Liberty profile.
- In the RPG and COBOL + Modernization Tools, Java Edition: enhancements for developing hybrid mobile application front ends using the open source Cordova framework and command line interface tools.

Rational Developer for i Deprecations

These capabilities are declared to be deprecated 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.

- All the three editions: Rational ClearCase® SCM Adapter
- RPG and COBOL + Modernization Tools, Java Edition:
 - Java Visual Editor
 - tool support for EJB 1.x and 2.x
 - tool support for JSF Widget Library

Rational Developer for i removals

These capabilities were previously declared to be deprecated and as of V9.1 they have been removed from the product.

- (In Java edition) Rational Unified Process (RUP) Process Advisor and Process Browser
- (In Java edition) Rational RequisitePro® Integration
- (In Java edition) Rational Cloud Toolkit (for Smart Cloud Enterprise, which has been retired and replaced by SoftLayer)
- (In EGL edition) Jasper Support (deprecated at 9.0, BIRT is the recommended alternative)
- (In EGL edition) Portal support (deprecated at 9.0, RUI support is the recommended alternative)

Rational Developer for AIX and Linux Packaging

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 of Rational Developer for AIX and Linux that continue to be provided in V9.1:

- 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).

- 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.
- A substantial subset of the IBM Rational Application Developer for WebSphere Software offering to support Java, JEE, Web, and SOA development.
- Inclusion of IBM Worklight Developer Edition to support development of hybrid mobile applications that exploit the capabilities of the Worklight runtimes and connect to systems of record implemented in C/C++, Java/JEE, SQL, and COBOL running on AIX or Linux on Power servers.
- Inclusion of IBM Data Studio.

Rational Developer for AIX and Linux New capabilities in V9.1

These are the key new capabilities introduced in Rational Developer for AIX and Linux, V9.1:

- Usability improvements for multi-context development: V9.1 streamlines the workflow when developing on multiple servers or platforms. Switching to new contexts is easier and more intuitive, with a new feedback and preferences. This helps reduce development time when porting or developing and maintaining applications with more than one target platform.
- "Headless" command-line data collection for Performance Advisor: new command-line tools let you now collect the same Performance Advisor activity data that you could previously obtain when interacting with Performance Advisor in your Eclipse workbench, but do so in an automatable "headless" (no GUI) mode and then import the results into the workbench. This adds value by enabling automated collection of performance data, and by improving support for complex applications. For example the data collection can now be integrated with nightly builds and test runs to make performance data available to developers on a regular basis. Rational Developer for AIX and Linux also supports complex application launches better than the default Eclipse launch mechanism, such as when you need to launch multiprocess applications from custom scripts. The tools are easy to set up and integrate into your normal launch scenario. They support flexible configuration of options, and support all of the features that are available in the interactive collection mode.
- Groups in Performance Advisor Hotspots browser: the Performance Advisor's "Hotspots browser" control now supports user-controlled groups of processes and threads. The default groups provided by Performance Advisor can be changed, and new groups added. Performance results can be displayed for groups or for the individual items in the group. This flexible grouping improves the usability of the Hotspots browser, particularly with large multiprocess or multithreaded applications, by letting the user organize the results in a way that is meaningful to the application structure so that developers can better interpret them.

Rational Developer for AIX and Linux Deprecations

In both editions these capabilities are declared to be deprecated 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.

- Rational ClearCase SCM Adapter
- Java Visual Editor
- Tool support for EJB 1.x and 2.x
- Tool support for JSF Widget Library

Rational Developer for AIX and Linux Removals

These capabilities were previously declared to be deprecated and as of V9.1 they have been removed from the product.

- Rational Unified Process (RUP) Process Advisor and Process Browser
- Rational RequisitePro Integration
- Rational Cloud Toolkit (for Smart Cloud Enterprise, which has been retired and replaced by SoftLayer)

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, V9.1 and Rational Developer for AIX and Linux, V9.1 are capable as of May 23, 2014, 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.

Statement of direction

IBM intends to make XL C/C++ and XL Fortran compilers available to complement new Linux-only-based Power Systems built with POWER8™ technology that support the latest Linux distributions such as Ubuntu Server.

IBM also intends to update its Integrated Development Environments (IDEs) to support new Linux distributions and the planned XL C/C++ compiler for the Linux only based Power Systems. Specifics:

- IBM intends to update the server components of Rational Developer for AIX and Linux to support new Power Linux distributions. (The key server components are the debugger agent and the Remote Systems Explorer agent).
- IBM intends to update the Rational Agent Controller component, which enables the IDEs to connect to and instrument remote WebSphere Application Server instances, to support WebSphere Application Server running on new Power Linux distributions. The Remote Agent Controller is packaged as part of these IDEs, all of which support Java/JEE and Web development for workloads that might be deployed to WebSphere Application Server on Power Linux :
 - Rational Application Developer for WebSphere Software
 - Rational Developer for AIX and Linux
 - Rational Developer for i RPG and COBOL + Modernization Tools Java Edition
 - Rational Developer for the Enterprise
- IBM intends to update certain capabilities of the IDEs that are designed to be run either in interactive mode by a developer, or in command line (also known as "headless") mode as part of automated build and test processes, to support new Power Linux distributions. Such capabilities may include, but are not guaranteed to include:
 - Line level code coverage analysis
 - Static code analysis (rule-based detection of logical coding errors and best-practice deviations)
 - Application profiling (performance, memory, and thread analysis)

The general intent is that when used in combination with planned XL C/C++ compiler for the Linux-only-based Power Systems, the Rational IDEs will serve as key elements of a comprehensive application development, porting, and optimization solution that is optimized for Power Linux Systems.

For complete information about the Integrated Development Environments including capabilities, value proposition, system requirements, pricing, and access to trial versions, visit

<http://www-03.ibm.com/software/products/en/developer>

Navigate from there to detailed information about the IDEs that interest you.

IBM's statements regarding its plans, directions, and intent are subject to change or withdrawal without notice at IBM's sole discretion. Information regarding potential future products is intended to outline our general product direction and it should not be relied on in making a purchasing decision. The information mentioned regarding potential future products is not a commitment, promise, or legal obligation to deliver any material, code, or functionality. Information about potential future products may not be incorporated into any contract. The development, release, and timing of any future features or functionality described for our products remains at our sole discretion.

Program number

Program number	VRM	Program name
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Passport Advantage:

5724-Y99	9.1	IBM Rational Developer for i
5725-L11	9.1	IBM Rational Developer for AIX and Linux

Advanced Administration System (AAS):

5733-RDW	9.1	IBM Rational Developer for i
5733-RDX	9.1	IBM Rational Developer for AIX and Linux

Product identification number

Program PID number	SWMA PID number	SWMA PID description
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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

Program PID number	SWMA PID number	SWMA PID description
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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=214-188>

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, V9.1

- 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, V9.1

- 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, V9.1

This edition is a software bundle that includes Rational Developer for i RPG and COBOL Tools, V9.1 and Rational Business Developer, V9.1.

- For hardware requirements for Rational Developer for i RPG and COBOL Tools, V9.1, refer to above information.
- For hardware requirements for Rational Business Developer, V9.1, refer to Software Announcement [214-198](#), dated April 28, 2014.

Rational Developer for AIX and Linux C/C++ Edition and Rational Developer for AIX and Linux AIX COBOL Edition, V9.1

- 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, V9.1

Server (to which the IDE is connected):

- Supported IBM i operating system versions: 6.1, 7.1, 7.2
- 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 (on which the IDE runs):

- Operating systems:
 - 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

- Microsoft Windows 8.1 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, V9.1

Server (to which the IDE is connected):

- 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, 10.1, 11.1, or 12.1.
 - IBM XL C/C++ for AIX, 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 (on which the IDE runs):

- Operating systems:
 - 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
 - Microsoft Windows 8.1 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, V9.1

Server (to which the IDE is connected):

- 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 (on which the IDE runs):

- Operating systems:
 - 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
 - Microsoft Windows 8.1 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>

Planning information

Packaging

Rational Developer for i RPG and COBOL Tools, V9.1

- READ ME FIRST - Quick Start Guide V9.1
- Core product V9.1
- Rational Developer for i RPG and COBOL Tools Activation kit V9.1
- IBM Worklight Studio Enterprise Edition V6.1
- IBM Data Studio V4.1
- Rational License Key Server V8.1.4 (Passport Advantage only)
- License Information document V9.1 (AAS only)

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Rational Developer for AIX and Linux AIX COBOL Edition V9.1	BT0LEML

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Product name	PID	Charge metric
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Corrections

(Corrected on May 29, 2014)

Revised Software requirements section.