IBM Rational Programming Patterns V9.5 helps accelerate a secure transition to the Rational Software Delivery Platform

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At a glance

IBM® Rational® Programming Patterns:

- Helps Pacbase customers' investment by modernizing the pattern-driven development paradigm and the Enterprise Wide Repository services within the latest IBM strategic delivery platform.
- Provides tools to migrate at lower cost, by limiting nonregression tests and reducing the need to retrain Pacbase developers.

Overview

IBM Rational Programming Patterns V9.5 helps to raise the content parity ratio with VisualAge® Pacbase and helps engage a secure transition with pilot projects for the Rational Software Delivery Platform.

Key prerequisites

Supports Windows™ and Linux™ operating systems.

For details, refer to the Hardware requirements and the Software requirements sections.

Planned availability date

February 19, 2016

Description

**Improvements and enhancements of IBM Rational Programming Patterns V9.5**

**Removal of generation differences**

- The generation differences of the non-COBOL entities (error messages, maps, database blocks, copybooks) have been removed.
• The Migration Validation Manager is enhanced so that file compliance is forced and the line order is correctly handled.

Migration completeness
• CPY entities can be created based on input aids information during migration.
• SQL micropattern is managed in dialog, client, and server entities.
• SUP micropattern is managed during merge process.

Migration procedures enhancements
• The MIAM procedure is more reliable and is better documented.
• A tool can now fix any missing references after the migration.
• A scm tools command makes it easy to upload a whole migration workspace.

SCM controls
• The consistency of a generated file is automatically controlled. Moreover, a generated file cannot be delivered if its contributors are not delivered or if incoming changes contain contributor changes.

Usability enhancements
• Interface enhancements include:
  – Tool tips are available on dependent lines and impact analysis views.
  – The entity label is displayed in windows title for clarity purpose.
  – Text input is made easier with content assist.
  – New actions are available to make the product easier to use ("Generate" on impact analysis and code editor views, "Expand all" in -CD tab, and "Show history" on impact analysis views).
• The code generated from a DO or CASE OF function is explained in the help.
• The Structured code is easier to handle:
  – The code cannot be modified beyond column 72.
  – The management of function or subfunction in the Generated Code Structure View has been enhanced.
  – A Refactor wizard is available to modify the subfunction properties.
• Publishing facilities include a CSV export format in the impact analysis views.
• Refactoring capabilities are improved with the renaming of data elements.
• A project scope can be specified in server search to reduce the volume of information and enhance the performances.

Program number

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<th>VRM</th>
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Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage® and Passport Advantage Express® website.

Publications
Services

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, go to the IBM Software Services website.

Technical information

Specified operating environment

Hardware requirements

Disk space:
- Minimum: 2 GB, plus 210 MB temporary space
- Recommended: 5 GB

Memory:
- Minimum: 8.0 GB RAM (including 4 GB RAM needed for Eclipse process)
- Recommended: 16.0 GB RAM (including 8 GB RAM needed for Eclipse process)

Processor:
- Minimum: Intel® Pentium® 4 processor
- Recommended: 64-bit (x64) processor, dual or quad core

Software requirements

Operating systems

AIX®
- AIX 6.1 POWER® System - Big Endian
- AIX 7.1 POWER System - Big Endian

Linux
- SUSE Linux Enterprise Server (SLES) 11 SP1 IBM z Systems™
- Red Hat Enterprise Linux (RHEL) Server 6 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6 IBM z Systems
- SUSE Linux Enterprise Server (SLES) 11 SP1 x86-64
- Red Hat Enterprise Linux (RHEL) Server 7 x86-64

Microsoft™ Windows
- Windows 7 Professional x86-64
- Windows 8.1 Enterprise x86-64
• Windows Server 2008 R2 Enterprise Edition x86-64
• Windows 8.1 Standard x86-64
• Windows 7 Ultimate x86-64
• Windows 8.1 Professional x86-64
• Windows Server 2012 Datacenter Edition x86-64
• Windows Server 2012 Standard Edition x86-64
• Windows 7 Enterprise x86-64
• Windows Server 2008 R2 Standard Edition x86-64

z/OS(R)

• z/OS 2.1 IBM z Systems
• z/OS 2.2 IBM z Systems
• z/OS 1.13 IBM z Systems

The program’s specifications and specified operating environment information may be found in documentation accompanying the program, if available, such as a readme file, or other information published by IBM, such as an announcement letter. Documentation and other program content may be supplied only in the English language.

Planning information

Packaging
Rational Programming Patterns

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.

Ordering information

Product: Rational Programming Patterns

Passport Advantage

Charge metric

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**License Information number**
Limited warranty applies

Yes

Limited warranty

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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.

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Volume orders (IVO)

No

Passport Advantage applies
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**System i Software Maintenance applies**

No

**Variable charges apply**

No

**Educational allowance available**

Not applicable.

**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 lawful, comprehensive security approach, which will necessarily involve additional operational procedures, and may require other systems, products, or services to be most effective.

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**Prices**

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