IBM Rational Publishing Engine V2.1.2 streamlines and enhances the web user interface, extending its feature set to improve document-style report automation and generation across organizations' systems and software engineering data

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At a glance

IBM(R) Rational(R) Publishing Engine automates the generation of document-style reports across organizations' systems and software engineering data to allow you to easily build documents for:

- Ad hoc use

- Team or personal offline review

- Formal reviews

- Contractual obligations

- Regulatory oversight

- Standards compliance

Rational Publishing Engine V2.1.2 extends its feature set with the capability to generate documents from Atlassian JIRA using JSON data. Other improvements include the capability to search for elements or attributes in a schema by entering text in the search field of the Data Source view, the capability to zoom in and out of your template in the template editor, and a simpler way to configure data sources in the document specification.

The Rational Publishing Engine Document Builder web UI has a number of improvements to aid everyday users, report designers, and administrators.

Overview

Delivering high-quality documentation or project specifications can be the primary outcome for many organizations. Rational Publishing Engine is the document-generation tool these organizations depend on to meet their delivery needs.

Rational Publishing Engine automates document generation for a variety of applications to help improve efficiency and process maturity. It:

- Reduces the effort to meet internal, customer, or regulatory requirements for deliverable documentation
- Automates document creation for many purposes, which include ad hoc use, formal reviews, contractual obligations, and standards compliance

New in Rational Publishing Engine V2.1.2

This release brings improved web functionality, designed to enhance the user experience for project teams and document controllers. These enhancements include:

- Everyday users:
    - When entering tags, auto-complete displays matching tags so that users no longer need to provide the full tag name. Users can also reuse existing tag names.
    - Report visibility and access control has been introduced to the assets in Document Builder. Users can assign ownership of assets to other users, and make assets public or private.
- Report designers: Users can tag connections, group connections by tags, and search for connections by tag. Users can also group schedules by tag.
- Administrators:
    - In previous releases, when Document Builder was configured to use Jazz™ Team Server (JTS) authentication, the administrator had the manual task of marking JTS users as Rational Publishing Engine administrators or report designers. In version 2.1.2, the roles can be mapped automatically, eliminating the need for administrators to manually add users as administrators or report designers. Administrators can change the mapping for the default roles, add new roles, or delete roles.
    - Administrative variables are now categorized into groups, to provide an easy way to look into a particular group. Administrators can expand and collapse the groups to see the default values of the variables.

Other Rational Publishing Engine enhancements include the capability to:

- Zoom in and out of a template in the template editor
- Generate documents from Atlassian JIRA using JSON data
- Search for an element or attributes in a schema by entering text in the search field of the Data Source view
- Configure data sources in the document specification in a simpler way than in previous versions by using the Configure REST Data Source window
- Generate comparison documents, for example two versions of an artifact in IBM Rational DOORS(R) Next Generation

Note: When Collaborative Lifecycle Management applications are enabled with SSO (single sign-on) authentication by using Jazz Security Architecture, document generation from the Launcher and Document Builder continues to work. However, the authentication method must be set to Basic when configuring the data source for the Collaborative Lifecycle Management applications in Launcher or in Document Builder.

Key prerequisites

Supports Linux™ and Microsoft™ Windows™ operating systems.

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

Planned availability date

June 6, 2017

Description

Rational Publishing Engine, a document-generation application, automatically extracts data from different application repositories and creates high-fidelity, multiformat documents that are based on the users' custom templates.

Simple document creation

Rational Publishing Engine is designed for ease of use. Users do not have to change the way they work to benefit. They can generate documents directly from:

- Rational DOORS or DOORS Next Generation for Requirements Management
- Rational Team Concert™ for Change and Configuration Management
- Rational Quality Manager for Quality Management
- Rational Rhapsody[(R)]
- Rational Rhapsody Design Manager and number of other applications

Generating documents can be done directly through the Rational Publishing Engine Document Builder web UI that supports the use of existing templates, organizing them into reusable reports, and then generating the new report with a few simple mouse clicks.

Productivity and flexibility in designing high-quality, compliant documents

Extract data from a single source or from multiple sources while Rational Publishing Engine ensures that compliant, high-quality documents in Microsoft Word, PDF, HTML, or XSL-FO with complete flexibility in document style are created. Rational Publishing Engine enables users to effectively present their extracted data with document features such as richly formatted text, images, Object Linking and Embedding (OLE), tables, figures and captions, hyperlinks, and tables of contents.

Rational Publishing Engine provides sample template design artifacts with guidelines to help users to get up and running quickly. They can design the content and format of documents with an easy-to-use, intuitive interface that is designed with user-friendly features, such as drag-and-drop and preview capabilities.

Accessibility by people with disabilities

A US Section 508 Voluntary Product Accessibility Template (VPAT), containing details about accessibility compliance, can be found on the IBM Accessibility website.

Reference information

Refer to Software Announcement A16-0535, dated November 29, 2016.

Program number

Program number	VRM	Program name
5724-X79	2.1.2	IBM Rational Publishing Engine

Offering Information

Product information is available on the IBM Offering Information website.

More information is also available on the Passport Advantage[(R)] and Passport Advantage Express[(R)] website.

Publications

Technical documentation can be found in IBM Knowledge Center.

Services

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Technical information

Specified operating environment

Hardware requirements

- Disk space: Minimum 1 GB disk space
- Memory:
  - Minimum 2 GB virtual memory
  - Minimum 1 GB physical memory
- Processor: Pentium™ Class - 2 GHz, or higher

Software requirements

Linux:

- SUSE Linux Enterprise Server (SLES) 11 x86-64
- Red Hat Enterprise Linux (RHEL) Server 7.3 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6.6 x86-64
- Red Hat Enterprise Linux (RHEL) Workstation 7 x86-64
- Red Hat Enterprise Linux (RHEL) Client 7 x86-64
- Red Hat Enterprise Linux (RHEL) Workstation 6.6 x86-64
- Red Hat Enterprise Linux (RHEL) Client 7.2 x86-64
- Red Hat Enterprise Linux (RHEL) Server 7.2 x86-64
- Red Hat Enterprise Linux (RHEL) Workstation 6.7 x86-64
- Red Hat Enterprise Linux (RHEL) Workstation 7.2 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.7 x86-64
- Red Hat Enterprise Linux (RHEL) Server 6.6 x86-64
- Red Hat Enterprise Linux (RHEL) Server 7 x86-64
- Red Hat Enterprise Linux (RHEL) Client 6.7 x86-64

Windows:

- Windows 7 Professional x86-64

- Windows 10 Enterprise x86-64

- Windows 8.1 Enterprise x86-64

- Windows 10 Pro x86-64

- Windows Server 2008 R2 Enterprise Edition x86-64

- Windows 7 Ultimate x86-64

- Windows Server 2012 Datacenter Edition x86-64

- Windows Server 2012 R2 Standard Edition x86-64

- Windows Server 2012 R2 Datacenter Edition x86-64

- Windows Server 2012 Standard Edition x86-64

- Windows 7 Enterprise x86-64

- Windows Server 2008 R2 Standard Edition x86-64

Planning information

Packaging

Rational Publishing Engine V2.1.2

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Ordering information

Charge metric

Program name	Part number or PID number	Charge metric
Rational Publishing Engine	5724-X79	Per Floating User
Rational Publishing Engine	5724-X79	Per Authorized User

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No

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Educational allowance available

Not applicable.

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