

IBM Rational Publishing Engine software

Highlights

- **Concurrent document generation to multiple target formats from a single template which helps to reduce your risk of errors through systematic creation of documents.**
- **Multiple output formats with extreme flexibility in appearance help you enhance your customer satisfaction with more effective communication.**
- **Ability to create composite reports containing data from multiple sources and automatically generate required documents to help improve regulatory compliance.**

Documents continue to be the preferred and most effective way to communicate necessary information across all disciplines, for both internal and contractual purposes. But creating documents and keeping them up-to-date is a time consuming and error-prone task, and documents are often outdated even before you have finished writing them.

IBM® Rational® Publishing Engine software automates documentation

generation from Rational software products and third-party applications, helping organizations generate documents for ad-hoc use, formal reviews, contractual obligations, or compliance with standards.

With the Rational Publishing Engine solution you can spend less time on tedious, manual document creation and tasks associated to keep them current, and focus more on your primary business objectives.

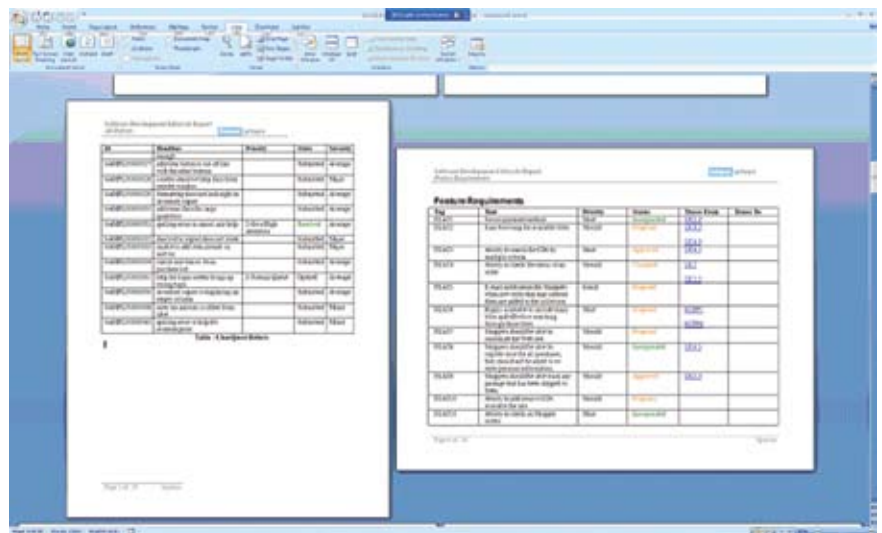


Figure 1: Create multi-source, multi-format composite documents using Rational Publishing Engine environment.

Document creation made simple

Many teams find document generation tools inefficient and difficult to use. It is no surprise that they often revert back to manually creating these documents. Rational Publishing Engine software is designed for ease-of-use and efficient operation.

You don't need to change the way you work to enjoy the benefits of this software. Your ability to extract from a range of data sources helps to eliminate manual efforts and the risk of error that can be caused by cutting and pasting information into final documents. You have the option of generating reports from your preferred applications including IBM Rational DOORS® software for requirements management; the IBM Rational Tau solution for modeling and design, or directly from the Rational Publishing Engine application. Regeneration of a document to include the latest data from the source applications is only a click away.

Out-of-the-box templates help to ensure that your projects get up and running quickly and in the right direction. You can design the content and format of your documents using the interactive Document Studio application, which provides easy access to a full suite of tools for creating and editing templates, with intuitive features such as drag-and-drop, and launch and preview capability.

High quality, elegant documents

Many applications provide basic document generation capabilities, but they can be difficult to use and produce hard to read, poorly formatted documents. Rational Publishing Engine software is designed to create documents in various formats including Microsoft® Word®, HTML, PDF and XSL-FO, with the style of the document being completely flexible.

You can create documents by automatically extracting data from a single source (e.g. one or more modules in a Rational DOORS database) or by combining data from multiple sources (e.g. Rational DOORS and Rational ClearCase® software).

Documents created by the Rational Publishing Engine solution enhance the presentation of extracted data with features such as richly formatted text, support for OLEs, table of contents, user defined styles, and hyperlinks that provide navigation between items within documents or back to the source application. These capabilities result in clear, well-formatted document output which in turn can decrease rework and time spent on interpreting information.

High performance document generation

Organizations should be able to generate documents from across several applications in a timely manner to meet their business objectives. Rational Publishing Engine software is designed for speed, agility, and scalability.

Built-in capability to extract data from many sources, including Rational DOORS, ClearQuest®, ClearCase, Quality Manager as well as any XML based data source works to ensure that documents are generated in a timely manner for reviews, customer meetings, and ad-hoc needs. Capabilities such as parallel processing help enhance the performance of document generation, improving efficiency.

How it works

Rational Publishing Engine provides a quick, easy solution for document generation from Rational solutions including Rational DOORS, Rational ClearCase, Rational ClearQuest, and Rational RequisitePro®, Rational Quality Manager, Rational TestManager, and third-party applications such as XML data sources. Built-in extractors and user-

friendly wizards allow you to generate documents using your preferred source application or the Rational Publishing Engine launcher. You can run the document generation manually or in batch mode. You can either use the predefined templates or design your own using the intuitive and interactive Document Studio application.

For more information

To learn more about IBM Rational Publishing Engine software, contact your IBM representative or IBM Business Partner, or visit:

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