IBM

WebSphere® software

IBM WebSphere Business Modeler Publishing Server, Version 6.1

Highlights

- **Understand and transform your business through superior business modeling, simulation, analysis and collaboration capabilities**

- **Publish models to a Web-based environment for viewing, reviewing and commenting on draft projects among multiple reviewers, and for viewing final released versions**

- **Achieve best-practices business model design through collaboration and consensus**

- **Extend the annotator and viewer roles to users who do not have WebSphere Business Modeler installed**

Market pressure from domestic and global competition is increasing, forcing companies to adapt their business processes at a faster rate. Also, mergers and acquisitions are requiring business processes to be combined, reviewed and optimized. As a result, the critical resources within your business must work together to develop and deliver best practices-based business process models. However, most businesses develop process models in a vacuum, without taking into account the company's business strategy and goals; important steps are often eliminated or development teams can deploy a process based on inaccurate assumptions in the process models.

A robust family of products to meet your business needs

IBM WebSphere® Business Modeler products are the entry point for the IBM business process management (BPM) portfolio. The product family includes:

- *IBM WebSphere Business Modeler Basic, which delivers an affordable option for business users who want a simple and easy-to-use tool to model, document and print their business processes.*

- *IBM WebSphere Business Modeler Advanced, which provides all the features of WebSphere Business Modeler Basic, as well as complex model simulation and analysis capabilities. This product also lets IT-focused users export models to multiple build-time environments to help jump-start application development.*

- *IBM WebSphere Business Modeler Publishing Server, which enables you to publish business process models to a Web-based server where multiple subject matter experts can view and review the information simultaneously through a standard Internet browser.*
- *IBM WebSphere Business Modeler Publishing Edition, which offers 10 WebSphere Business Modeler Advanced licenses, and one license for WebSphere Business Modeler Publishing Server.*

WebSphere Business Modeler products play a critical role in business driven development (BDD), which can be defined as an integrated approach to software development that aligns line-of-business (LOB), development and operations teams to improve business performance. With WebSphere Business Modeler, business and IT communities use an Eclipse technology-based shared workspace. Well-defined integration points help to maximize productivity by enabling the ability to quickly construct new process-based composite applications using tools such as IBM WebSphere Integration Developer and IBM Rational® Application Developer.

The goal of BPM is continuous improvement and innovation to support strategic goals, and then to measure and manage performance against these goals. By modeling and monitoring your business processes, you can gain better insight and visibility into your company's operations, enabling you to make smarter decisions to achieve greater performance results. WebSphere Business Modeler Publishing Server can be a critical component in this equation by helping you to ensure that your business models are completely and accurately defined, and have been reviewed and commented upon by experts in the area, so that suggested improvements get incorporated. This capability facilitates continuous improvement in a controlled and structured fashion. And you can achieve results quickly through the product's collaboration capabilities, which enable subject matter experts to work together to define business models that accurately represent your business.

New in this release
WebSphere Business Modeler Publishing Server, Version 6.1 provides enhancements in the following areas:

- *Installation and configuration improvements that allow for faster time to value from an installation and management perspective*
  - *Automated installation of prerequisite software in addition to required fix packs*
  - *A single set of interactions that gathers required configuration information; installation occurs unattended, installing required prerequisites and applications*

- *Performance, scalability, platform and architecture improvements that allow for more scalable topologies*
  – Support for IBM DB2® as a database management system
  – Ability to factor WebSphere Business Modeler data for efficient, indexed retrieval
  – Support for WebSphere Portal, Version 6.0
  – A more-intuitive install process
  – Improved performance of viewing and navigating process models
  – Greatly simplified process diagram processing
  – Improved portlet interactions and performance
  – Techniques to reduce portal page refreshes, resulting in more of a desktop feel
  – Reduced number of page refreshes to increase productivity
- *Feature enhancements*
  – Support for new model constructs, such as human task and business rules
  – Improved visualization and functions on the process diagram, including comment labeling, hovering and adding comments

Publish business processes easily

WebSphere Business Modeler Publishing Server is accessed through the Web using IBM WebSphere Portal technology, providing both personalization and role-based access. Also, the powerful WebSphere Business Modeler Publishing Server review facility enables users to comment on the various aspects of a process model and then store the comments so they are available to the appropriate users, who can then take action based on those comments.

WebSphere Business Modeler creates visual representations of business processes along with supporting information. The more accurate and detailed the information contained in WebSphere Business Modeler, the more accurate the analysis. An important step in modeling the business

processes is to validate the process and its data by making the business processes available so that subject matter experts and other interested parties can review them. WebSphere Business Modeler Publishing Server lets you use WebSphere Business Modeler to publish an entire business process modeling project, or just parts of it, to a server. The subject matter experts and other reviewers can then view the process diagrams and their supporting information using a standard Internet browser. By publishing business processes more widely, you increase the likelihood of the model being accurate and help reduce the risk of a subject matter expert introducing information that is unique to that user.

A published business process can also serve as a training tool for new employees. The business process model presents new employees with a high-level view of their role in the company and enables them to clearly identify the tasks they are expected to perform. You can also help identify what the employees need to do in certain conditions, if the model has that level of detail.

Along with viewing business processes, authorized reviewers can use WebSphere Business Modeler Publishing Server to comment on a diagram or on its supporting information. Because the comments are visible and other reviewers can respond to the comments, WebSphere Business Modeler Publishing Server provides a forum for discussing and resolving differences of opinion on a business process. The comments and responses are tracked by originator, and date and time of creation. These comments and responses can then be exported, which permits the modeling team to update the model, making it more accurate.

WebSphere Business Modeler Publishing Server also allows authorized reviewers to post attachments such as Microsoft® Word documents. The attachments let the reviewer provide the modeling team with additional information that they can use to update the business processes.

Product components
WebSphere Business Modeler Publishing Server has three major components:

- *Publisher*
- *Publishing server*
- *Client*

Publisher
The publisher is a plug-in for WebSphere Business Modeler that takes modeling projects or selected elements from a modeling project and publishes them to the publishing server. The publisher acts as a gateway to the publishing server. The user performing the role of publisher selects which projects or model elements to publish and which publishing server will host the published project.

A project or model element from WebSphere Business Modeler is published as a Draft project. An administrator can provide authorized access to a Draft project, change a Draft project to a Released project, and provide authorized access to a Released project. The information published in either Draft or Released modes corresponds with the information contained in the advanced mode of WebSphere Business Modeler. This feature is beneficial when working with multiple versions of the business process models because the correct level of information is shown to users at the right time.

Publishing server
The publishing server hosts published business modeling projects. The server comprises WebSphere Portal and a database. WebSphere Portal displays the business process information in four portal windows and another portal for displaying comments. The database stores the comments. The publishing server also has an administration page that allows an authorized user to perform the administration role to define user access, and manage business processes and comments on the server.

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Client

The client is a standard Microsoft Internet Explorer Web browser with the Scalable Vector Graphics (SVG) Viewer plug-in. The SVG Viewer enables you to zoom in and out of the process diagrams. To access a published business process model, the reviewer enters the model's Web site on the publishing server. After the reviewer has logged on to the publishing server, the client displays the portals being served. The information displayed by the portals depends on what elements or buttons the reviewer has clicked in any of the portals.

When viewing published business process models, you can select information through either the navigation portlet or the view portlet, after a process or element has been selected. Then, you can view its associated attribute information, as well as any comments or responses, or add new comments and responses using the comments portlet. You can also associate other read-only documents or Web sites to the comment in the view portlets to help provide more contextual information about the element.

Enhancing process model collaboration

With WebSphere Business Modeler Publishing Server, your business analysts and development teams can collaborate more effectively, helping to ensure better resource optimization, as well as identifying and eliminating process inefficiencies and errors. And you can use this increased collaboration to enable continuous business process improvements that can help you achieve greater profitability and increase market share for your business.

For more information

To learn more about IBM WebSphere Business Modeler Publisher Server, Version 6.1, contact your IBM representative or IBM Business Partner, or visit:

ibm.com/software/integration/modeler/publishingserver/

For more information about IBM WebSphere Business Modeler Publisher Server, Version 6.1 system requirements, visit:

ibm.com/software/integration/modeler/publishingserver/sysreqs/

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