



Release Notes

Note

Before using this information and the product it supports, be sure to read the information general information under "Notices and Trademarks" on page 15.

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Release notes

The release notes for IBM WebSphere Business Modeler Version 6.1.2 summarize any known installation or migration limitations, problems, and workarounds.

To help you use WebSphere Business Modeler successfully, you can also read the technotes for this release available on the Support Web site. View all technotes for WebSphere Business Modeler Advanced Version 6.1

WebSphere Business Modeler Version 6.1.2 is built on Eclipse (www.eclipse.org).

Chapter 1. What's new

To meet your business needs, IBM WebSphere Business Modeler introduces important new features and enhancements.

Asset repository

To share the business process management artifacts that are created in WebSphere Business Modeler, WebSphere Integration Developer, and WebSphere Business Monitor, you can now store them in a central asset repository.

The asset repository tracks how assets are related and who owns them. All three products share a common interface to the asset repository, including an Asset Repositories view and wizards for adding assets to the repository and importing them from the repository.

The asset repository requires IBM® Rational® Asset Manager. If Rational Asset Manager is installed, you can install the asset repository plug-ins when you install WebSphere Business Modeler.

Custom graphical images for diagram elements

To customize the appearance of your process diagrams, you can use custom graphical images to represent process elements.

You can specify an image to represent each element type, for example, an image to represent all task elements. Or, you can specify images for individual elements or element types in a particular process. For example, you could represent all telephone communication tasks with a telephone graphic, or all data entry tasks with a keyboard graphic. Customizing your diagrams with meaningful graphical images makes your diagrams easier to interpret, allowing users to see at a glance the salient characteristics of different elements in the process.

End-to-end integration with WebSphere Business Monitor

You can now specify additional details for your business measures in WebSphere Business Modeler, so that you can run the monitoring information on a WebSphere Business Monitor server without implementing the low-level technical details in the WebSphere Business Monitor development toolkit.

To use this feature, you use predefined business measure templates to specify instance metrics, and you base your aggregate metrics and key performance indicators (KPIs) on those predefined business measures.

If the monitor model will be exported to WebSphere Integration Developer and used to monitor a WebSphere Process Server application that is based on a model that was created in WebSphere Business Modeler, the monitor model can be exported at the same time as the process. The business measures are then directly tied to the implementation of the process, and the events and other elements for monitoring the BPEL process are created automatically.

You can export business measures in two different ways:

- Export a single monitor model, which combines the business measures that you defined with the details of events from WebSphere Integration Developer
- Export two monitor models, one containing the business measures that you defined and the other containing the details of events from WebSphere Integration Developer

Enhanced reporting on human tasks and business rules tasks

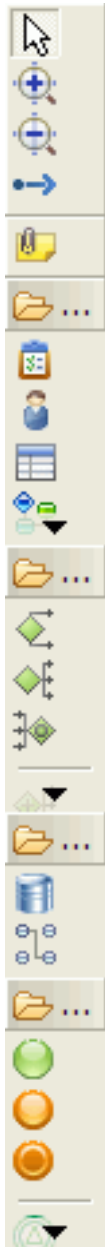
Additional information about human tasks and business rules tasks has been added to the business rules task and human task specification reports as well as the tasks by role, process level details, and process summary reports.

The new information for business rules tasks helps you gather information about business rules-specific attributes, such as rule templates, if-then rules, and scheduling information. The new human task information provides human task-specific information, such as primary owners and escalation details.

Palette redesign simplifies diagram creation

To make it easier to select diagram elements, a new palette layout provides an at-a-glance view of elements and gives you right-click customization options. To maximize canvas space for your process diagrams, you can now collapse or resize the palette or display it in a different pane. You can also move the palette to the right side of the canvas.

If you customize the palette display, you can hide modeling elements that you rarely use, hide element labels, and increase the size of the element icons. The following screen capture of the Process editor palette shows how unobtrusive you can make the palette.



As part of the palette redesign, some tools were moved from the palette to the product toolbar. For example, you can now switch between the free-form and a swimlane layout for your process diagram from the product toolbar. You can still access most diagram and report elements and tools by right-clicking the canvas of the Process editor, Report Designer, or Structure editor. If you want to apply gridlines to your diagram, you can do so from the **View** menu.

Scheduling human tasks

To schedule the work associated with a human task at run time, you can define when people do the work using timetables. When you export this human task to WebSphere Integration Developer, the timetables are included in the export and are mapped to WebSphere Integration Developer business calendars.

The example of a human task in which a service representative for an insurance company responds to customer questions illustrates how and why you might schedule the task. The insurance company provides this customer service on weekdays from 8:00 a.m. to 8:00 p.m., but not on weekends or statutory holidays. So you could model the schedule for the human task by creating a recurring weekly timetable with a time interval of 8:00 a.m. to 8:00 p.m. Then, you could add exemption periods (using additional timetables) for weekends and statutory holidays. The schedule for the human task determines the time period during which the shifts of the customer service staff who work on it should be set. And triggering escalations that are related to the human task at run time makes sense only within the context of the schedule for the task. Therefore, if customer calls should be answered within 5 minutes, but a call comes in at 7:00 a.m., an escalation is not triggered unless the customer stays on the line until 8:05 a.m.

You can add schedules to human tasks in the **General** section of the Human task editor (for global human tasks) or on the **General** tab of the Attributes view (for local human tasks).

Ability to rapidly test people assignment for human-centric processes

If you want to monitor manual processes, you can move rapidly from modeling to deploying a business process that contains human tasks. When no elements in the process require application logic, you can quickly and easily test the process in the WebSphere Integration Developer test environment.

To support this testing scenario, resources, roles, and organizations that you define in WebSphere Business Modeler can be used to populate the default people directory for the WebSphere Integration Developer test environment. Enough information about these resources, roles, and organizations is included in the export of a process to WebSphere Integration Developer to set up this people directory. When an Integration Developer runs the business process, he or she can verify that the assignment of people to human tasks and to escalations is working as expected.

Interactive simulation of business processes including forms

Now you can interactively simulate human-centric business processes and perform more realistic data driven simulations.

You can simulate the completion of human tasks that involve human interaction with forms. During a simulation run, you complete the forms that a human task requires. The data that you enter populate the business items that are passed to subsequent tasks and decisions in the process flow.

You can also save data that you enter during your simulation for loading into later simulation runs.

Storyboarding for human tasks with forms

The new storyboarding feature allows you to step through a sequence of human tasks and view the forms associated with those tasks within the context of the process diagram.

Storyboarding is an effective way to demonstrate and review process models with stakeholders, providing a high-level view of a human-centric process while providing a close-up view of the task owner's interaction with each form as you step through the sequence of tasks.

You can create several different storyboards for a process, including a different set of human tasks or a different sequence of human tasks in each storyboard. This customization allows you to demonstrate the different paths a process might take and view the forms associated with running each path.

Business Process Modeling Notation (BPMN) in process diagrams

Business Process Modeling Notation (BPMN) is a standardized notation for representing business processes.

BPMN includes a standard graphical representation for process modeling elements, such as tasks, decisions, and connections. You can create process diagrams in WebSphere Business Modeler that use standard BPMN shapes, facilitating effective communication with users who are familiar with the BPMN standards. You can also continue to use the original WebSphere Business Modeler style for some or all of your process diagrams, switching back and forth between styles according to user preference.

By default, existing process diagrams are in the original WebSphere Business Modeler style and new diagrams that you create are in the new BPMN style.

Create business rules for real-time configuration in Business Space

You can create business rules in WebSphere Business Modeler that can be viewed and updated at run time using a Business Space real-time business configuration widget.

While the application is running, you can use Business Space to view the associated business rules and update rule parameter values to respond to current business needs without having to update the model and redeploy the application.

For example, using Business Space you can change the size of a discount that is applied to customer orders, or the order-size threshold value for a bulk discount rule, in response to a real-time business condition, such as current sales volumes.

Chapter 2. Compatibility notes

Before you migrate to, install, or use IBM WebSphere Business Modeler, review the information about compatibility between versions and editions.

You can use process models created using an earlier but not a later version of WebSphere Business Modeler.

Beta releases and trial editions

Process models created with a beta release of the product are compatible only with the beta release that was used to create them. They are not compatible with this release of the product.

Do not install WebSphere Business Modeler Advanced on top of a beta or trial edition. Uninstall the beta or trial edition first.

Post-migration considerations

Depending on the version of the product from which you are migrating, you have different issues to consider when you upgrade to WebSphere Business Modeler Version 6.1.2. The following table lists the post-migration considerations for each supported migration.

Product from which you are migrating	Post-migration considerations
WebSphere Business Integration Workbench Version 4.2.4	<ul style="list-style-type: none"> • Most of the WebSphere Business Integration Workbench organization elements and information map to WebSphere Business Modeler projects in a straightforward way. However, due to differences in the underlying structure of the two products, some elements and attributes do not migrate. • Business measures defined in Version 4.2.4 performance models will no longer be available. You must re-create the business measures in Version 6.1.2. • Reports, views, and tables for viewing data in WebSphere Business Integration Workbench sometimes have no recommended replacements in WebSphere Business Modeler. • Only simulation settings in WebSphere Business Integration Workbench that have corresponding settings in WebSphere Business Modeler Version 6.1.2 are migrated. To include simulation information in your new Version 6.1.2 projects, you must select a simulation profile when you import your Version 4.2.4 organizations. Then, you must rerun the simulations in Version 6.1.2.
WebSphere Business Integration Modeler Version 5	<ul style="list-style-type: none"> • Report templates created in Version 5 will no longer be available. You must re-create the report templates in Version 6.1.2. • Simulation results generated in Version 5 will no longer be available. You must rerun the simulations in Version 6.1.2.
WebSphere Business Modeler Version 6 or Version 6.0.1	<ul style="list-style-type: none"> • Business measures defined in Version 6 or Version 6.0.1 will no longer be available. You must re-create the business measures in Version 6.1.2. • Report templates created in Version 6 or Version 6.0.1 that rely on a business measure data source will no longer be available. • Custom reports that use a dynamic analysis data source might not be able to access some data. The structure and semantics have changed for some dynamic analysis data, so it might be necessary to change the affected report fields (their labels or the data location to which they point). • Simulation results generated in Version 6 or Version 6.0.1 will no longer be available. You must rerun the simulations in Version 6.1.2.

Product from which you are migrating	Post-migration considerations
WebSphere Business Modeler Version 6.0.2	<ul style="list-style-type: none"> Simulation results generated in Version 6.0.2 will no longer be available. You must rerun the simulations in Version 6.1.2.
Any version previous to Version 6.1	<p>In Version 6.1, new functionality was added to allow you to share elements across projects in a workspace. This new functionality brings some extra restrictions on duplicate element identifiers and element names:</p> <ul style="list-style-type: none"> If two elements with the same internal identifier are detected in the workspace after migration, these will be flagged with errors. You should clean up these errors by deleting the duplicate elements before using your models. The elements can then be shared between projects as needed. <p>If you migrate your projects by exporting them from an earlier version and importing them into Version 6.1, the import wizard notifies you if it detects any duplicate identifiers and prompts you to overwrite or skip any duplicate elements.</p> <ul style="list-style-type: none"> If you have two projects in your workspace that contain catalogs with the same name, any elements within those catalogs must be named uniquely. If two elements have the same name and they reside in catalogs with the same name, you should rename these elements to unique names after migrating. Migrated report templates that use names for identification might produce multiple results in the output if there are multiple elements with the same name.
WebSphere Business Modeler Version 6.1.x	There are no post-migration considerations when moving from Version 6.1 or Version 6.1.1.

Chapter 3. Documentation notes

The documentation notes contain information about and updates to the documentation for WebSphere Business Modeler.

Welcome view

The Welcome view provides links to key information about WebSphere Business Modeler:

- Product overview information
- Getting started documentation
- Support information
- What's new for this release
- Samples information and tutorials
- Hints and tips on modeling practices
- Further reading

You can keep the Welcome view open in your WebSphere Business Modeler workspace, or access it quickly by clicking **Help** → **Welcome**.

Rational RequisitePro integration documentation uses different terminology

The F1 help for the Requirement views and perspective and for the documentation in the RequisitePro Integrationbook in the WebSphere Business Modeler help use some terminology that differs from the terminology used in the rest of the WebSphere Business Modeler help. The IBM Rational RequisitePro integration uses terminology found in other integration plug-ins for the Rational Software Development Platform products. The "Rational RequisitePro terminology" topic in the WebSphere Business Modeler help maps the terms found in the Rational RequisitePro integration documentation with the terms and concepts used by WebSphere Business Modeler. While the RequisitePro Integrationbook does not specifically address WebSphere Business Modeler and its model elements, it does present the concepts and capabilities of the Rational RequisitePro integration.

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Business Modeler Advanced Version 6.1.2 Release Notes

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