

WebSphere Business Modeler V7.0.0.3

Overview of what's new



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This presentation provides an overview of the new features available with WebSphere Business Process Modeler V7.0.0.3

Agenda

- Platform support
- Support for rich text in description fields
- Reports – accessibility improvements
- Interactive process design
 - Visual trace widget with accessibility features
- Simulation
 - Hijri calendar support
 - Process case summary on multiple selected projects in one operation
 - Process case summary without simulation snapshot
 - Export of all analysis results to XML to a single file directory path
 - **in one operation**

WebSphere Business Modeler V7.0.0.3 provides an incremental step from the previous version.

From the agenda you can see that there are improvements in the areas of platform support, rich text for the description fields, and accessibility. In the area of simulation, there is now support for the Islamic Hijri calendar and new efficiencies in creating and exporting reports.

Platform support

- Windows XP SP3
 - Officially supported



System:
Microsoft Windows XP
Professional
Version 2002
Service Pack 3

- Firefox 3.6
 - Business Space and interactive process design

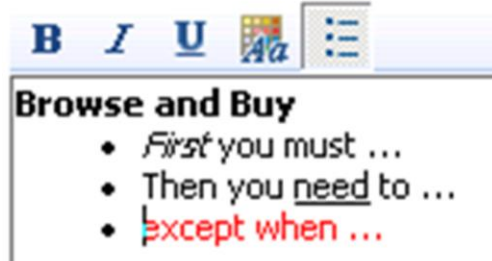


In area of platform support, WebSphere Business Modeler is now fully and officially supported on Windows XP SP3 and Firefox 3.6

Rich text support

- Basic support for rich text in description and documentation fields throughout the modeling editors
 - Bold
 - Italics
 - Underlining
 - Color
 - Bullets

Description



WebSphere Integration Developer does not support *rich text* therefore it is stripped when going to WebSphere Integration Developer

When working with the various editors in WebSphere Business Modeler you'll notice some new tools that are available. They easily spotted as toolbar associated with the edit window.

Shown here are the tools for bold, italics, underlining, setting the color and creating bullets for your descriptive text.

Rich text – summary of supporting editors

- Business Item Template
- Business Item
- Business Item Instance
- Notification Template
- Global Task
- Global Business Rule Task
- Global Human Task
- Service
- Repository
- Role
- Bulk Resource Def. Template
- Process Description
- Bulk Resource Definition
- Individual Resource Definition
- Bulk Resource
- Individual Resource
- Timetable
- Organization Def. Template
- Organization Definition
- Location Def. Template
- Location Definition
- Location
- Classifier Value
- Query

You might or might not be familiar with all of these different editors that are available in WebSphere Business Modeler. They're shown here to illustrate the completeness of the rich text support.

Note that some of the editors have more than one area to enter descriptive text or documentation.

Sharing rich text with other tools



- Reports created with WebSphere Business Modeler will use the rich text as defined in the descriptions.
- Rich text imported from WebSphere Business Compass is honored.
- WebSphere Business Modeler Publisher (Compass) supports rich text also
 - Therefore the rich text is preserved when publishing models.
- Formatting preserved with the XML import and export features
- WebSphere Integration Developer does not support rich text
 - therefore the rich text formatting is stripped when going to WebSphere Integration Developer

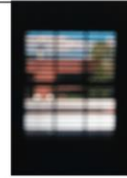
When working with the rich text support, it is good to know that your formatting is not lost when generating reports, publishing to the Business Modeler Publisher in Compass and when using the XML export and import features.

Unfortunately not all tools can understand and work with the rich text. WebSphere Integration Developer does not support rich text formatting at this time.

Job Access With Speech - JAWS

- **JAWS**

- is a screen reader
- a software program for visually impaired users
- Its purpose is to make personal computers using Microsoft Windows accessible to blind and visually impaired users. It accomplishes this by providing you with access to the information displayed on the screen by way of text-to-speech. Or by means of a Braille display and allows for comprehensive keyboard interaction with the computer



[http://en.wikipedia.org/wiki/JAWS_\(screen_reader\)](http://en.wikipedia.org/wiki/JAWS_(screen_reader))

Before talking about the new accessibility features you need to know about screen readers. Screen reading programs are tools used by blind and visually impaired people to access the information displayed on the screen by way of text-to-speech or by means of a Braille display.

Job access with speech, JAWS, is screen reading program used with Microsoft Windows.

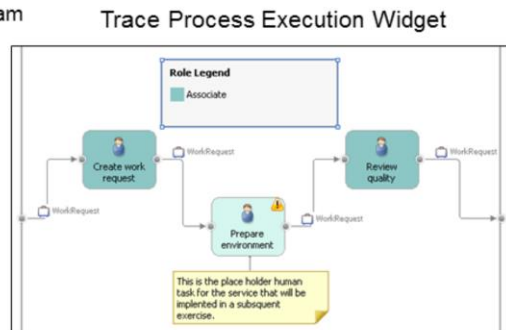
Reports generated from WebSphere Business Modeler

- Reports generated as Word docs
 - Can be read with JAWS
- Reports generated as PDF docs
 - Can be read with JAWS
 - There were fixes to the searching capability as well

With WebSphere Business Modeler 7.0.0.3, reports generated as Word documents or PDF documents can be read with JAWS.

Trace Process Execution widget - accessibility

- Navigate in, around and out of the widget using the tab key
- Navigate through the controls in the widget
 - A screen reader will recognize the selected control
 - Use the space bar to pull down menus and collapse/expand, expandable elements
- Navigate to the events/data tree
 - Use the up and down arrows to navigate the tree
- Once the trace has started and the focus is in the diagram
 - Ctrl-Alt-I to enter graph navigation mode
 - Ctrl-Alt-L and R to move left and right
 - Ctrl-Alt-E to exit navigation mode



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When running human centric business processes using the interactive process design feature, the process flow is displayed in the "trace process execution widget". This widget has been made accessible by allowing the you to tab around in the widget from control to control and if there is a screen reader, it will recognize the currently selected control. The spacebar is the used to pull down menus and collapse and expand the expandable elements.

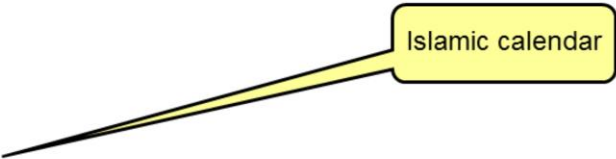
Once the you have tabbed to the events/data tree in the widget, you then use the up and down arrow keys to navigate the tree.

To enter the graph navigate mode, use the CTRL-ALT-I.

To move from one activity to another within the graph, use CRTL-ALT-L and CRTL-ALT-R

To exit the graph navigation mode, use CTRL-ALT-E

Simulation



Islamic calendar

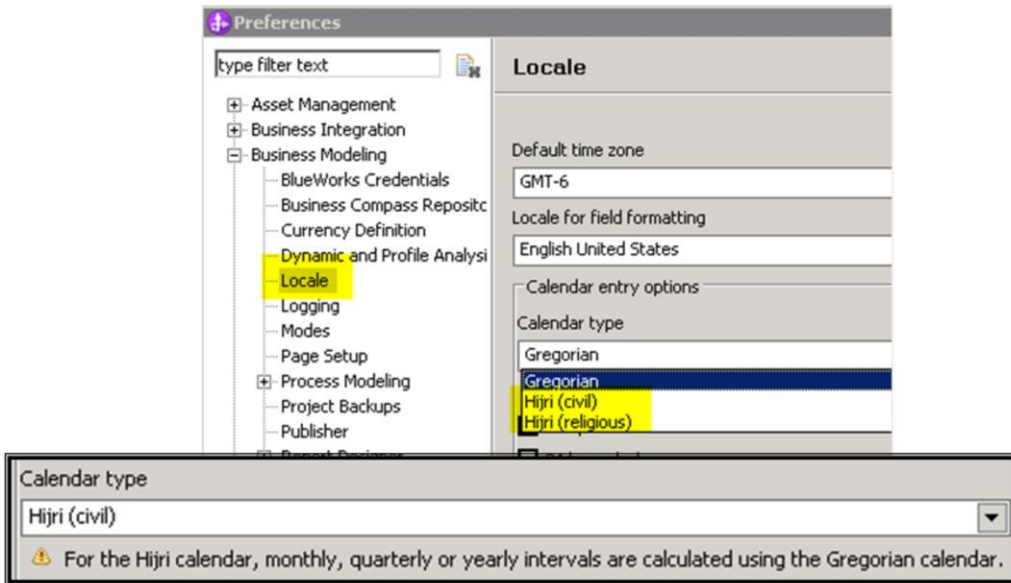
- Hijri calendar support
 - A lunar calendar
 - http://en.wikipedia.org/wiki/Islamic_calendar
- Process case summary on multiple selected projects in one operation
- Process case summary without simulation snapshot
- Export to XML, of all analysis results
 - to a single file directory path, in one operation

In the area of model simulation, there have been two kinds of improvements.

One the ability to use the Islamic Hijri calendar when specifying timetables, business item attributes and waiting cost information used in the simulation models.

And two, the ability to print and export the Process Case Summary and analysis reports easier and more efficiently.

Setting the calendar type to Hijri



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To get started using the Hijri calendar you first need to go to the business modeling preferences and select one of the new calendar types as shown in this screen capture.

The calendar

Beginning on

Thursday, Ramadan 23, 1431 12:00:00 AM

Select Time...

- For the Hijri calendar, monthly, quarterly or yearly intervals are calculated using the Gregorian calendar

Selected interval details

Duration

0 seconds

Select Duration...

 Start time

◀ Ramadan ▶		1431 ▶		
Su	Sha'ban	Thu	Fri	Sat
21	Ramadan	2	3	4
22	Shawwal	9	10	11
5	Dhu'l-Qi'dah	16	17	18
12	Dhu'l-Hijjah	23	24	25
19		30	1	2
26		7	8	9
3				

12 : 0 : 0 A.M.

Once the calendar type is set in the preferences it can be used for defining timetables. Notice the different names for the months and the number of days to the right of that. The quarterly and yearly intervals are still calculated using the Gregorian calendar.

Hijri simulation and dynamic analysis

- Timetable with a yearly repetition period
- Business items with Date and DateTime attributes
- Forms with Date and DateTime attributes
- Tasks with a waiting-time cost in
 - \$/month, \$/year
- Tasks with a waiting-cost and with timetables with a yearly repetition
 - \$/month, \$/year

Shown here are the places where the Hijri calendar type is used in the dynamic analysis. It is used for timetables, business items, forms with Date and DateTime attributes, waiting-time and waiting-cost.

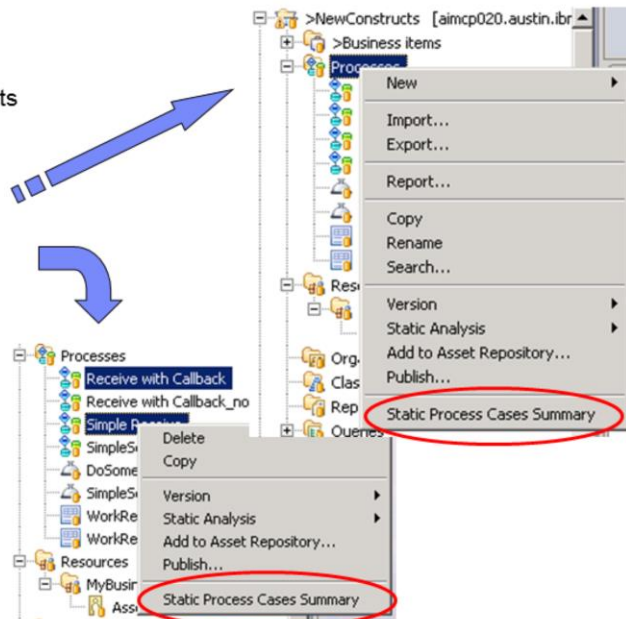
Hijri static analysis

- Timetable with a yearly repetitive period
- Tasks with a waiting-time cost in
 - \$/month
 - \$/year

This slide shows here the Hijri calendar is used with static analysis.

Static process case summary

- Can be created for multiple projects with a single operation
 - Select all
 - Use multiple select
 - Or just use the single select
- Can be created without having a simulation snapshot



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Moving on to the process case summary reports.

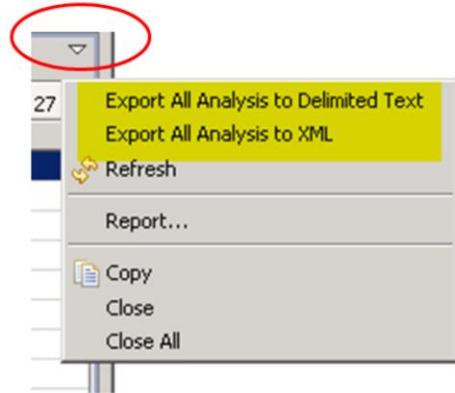
To create a process case summary you no longer need to create a simulation snapshot first.

Just select one or more projects in the navigation tree, right click and select the Static Process Cases Summary menu item.

You can do single select, multiple select or if you select the Processes folder, you can do generate the report for them all at the same time.s

Exporting analysis results

- Using a process that you can run a simulation on
- Run a quick *static process summary* on a the process
- Create a simulation profile
 - Run the simulation
 - Do some *dynamic* and *profile* analyses
 - Export them all using the menu for the *Dynamic Analysis* view



Exporting multiple analysis results has become much easier too.

Create a simulation profile, run the simulation, run one or more analyses and then export them all in one operation.

The menu pull down shown in this screen capture is located in the upper right of the Dynamic Analysis view.

Summary

- Support for rich text in description fields
- Reports – accessibility improvements
- Support for Firefox 3.6
- Simulation
 - Hijri calendar support
 - Process case summary on multiple selected projects in one operation
 - Process case summary without simulation snapshot
 - Export of all analysis results to XML to a single file directory path
 - One operation
- Interactive process design
 - Visual trace widget with accessibility features

WebSphere Business Modeler 7.0.0.3 provides incremental improvements to V7.0 in the form of new platform support, accessibility for reports and interactive process design and for creating, and exporting process case summaries.

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