



WebSphere Software

Business Space WebSphere Business Modeler v6.2

Kiss Attila
WebSphere Services

BPM Enabled by SOA

What is WebSphere BPM Business Space?

- It is **NOT** product!
- It is a **Web Application** intended as a unifying front end for the UI components of the BPM runtimes
 - User friendly
 - Web 2.0 drag-and-drop UI
 - Configurable
 - Create you own spaces and pages
 - BPM user interface integration platform
 - Integrates **BPM Widgets**

Widget?

The image displays the WebSphere Business Space user interface. The main window is titled "My Default Space" and contains several widgets:

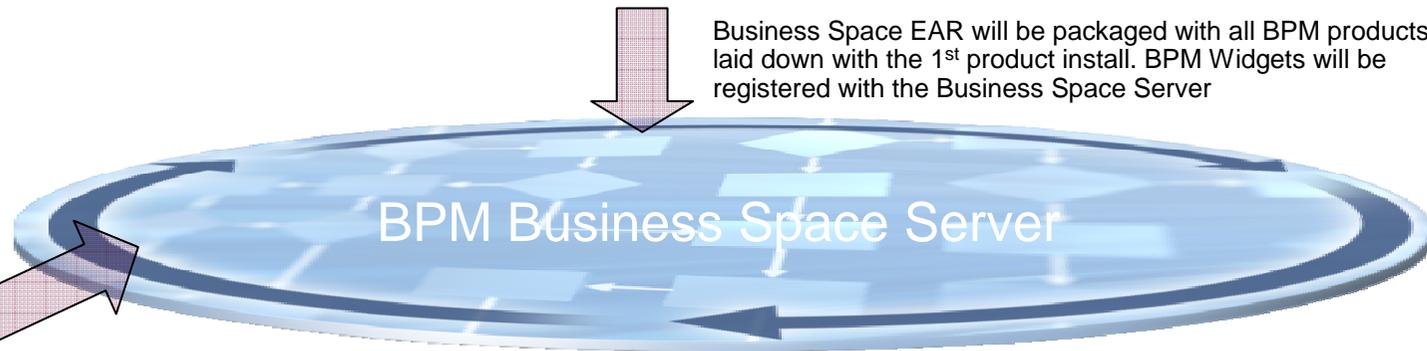
- KPIs:** Two pie charts showing "Estimated Operating Expenses" and "Total Operating Expenses".
- Google Gadget:** A Google Map Search widget showing a map of San Francisco.
- ToDo:** A widget showing a list of tasks, with the first item being "1. Type new task here".

Below the main interface, there is a separate login screen for "Business Space" with fields for "User ID" and "Password", and a "Login" button. A thought bubble with the text "Widget?" points to the login screen.

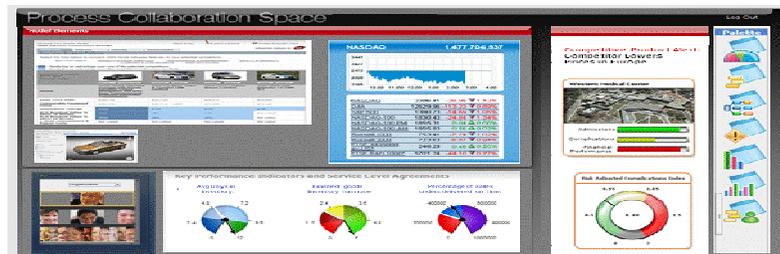
IBM BPM Portfolio and Business Space



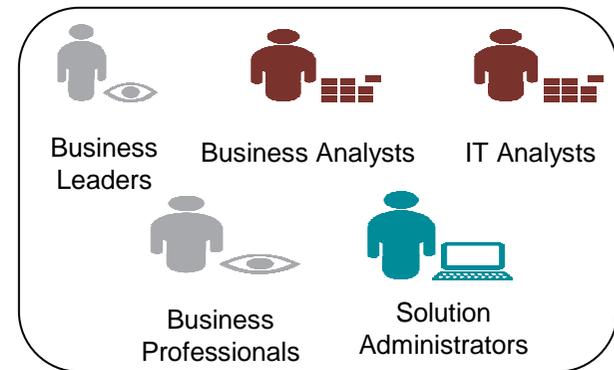
Business Space EAR will be packaged with all BPM products, laid down with the 1st product install. BPM Widgets will be registered with the Business Space Server



Customers can leverage BPM&C & third party content to build business application interfaces



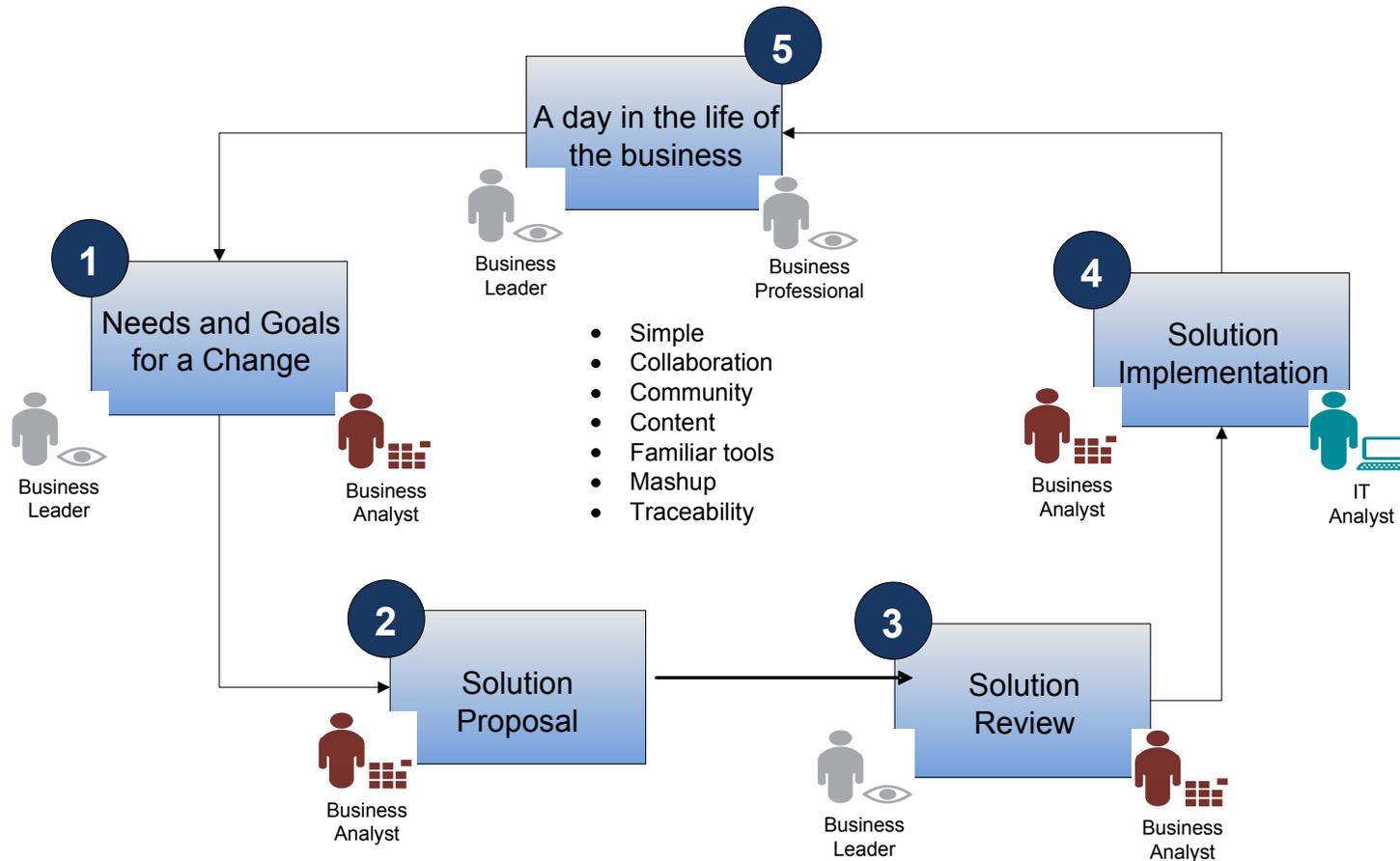
An Integrated User Experience across the BPM&C portfolio



BPM Players

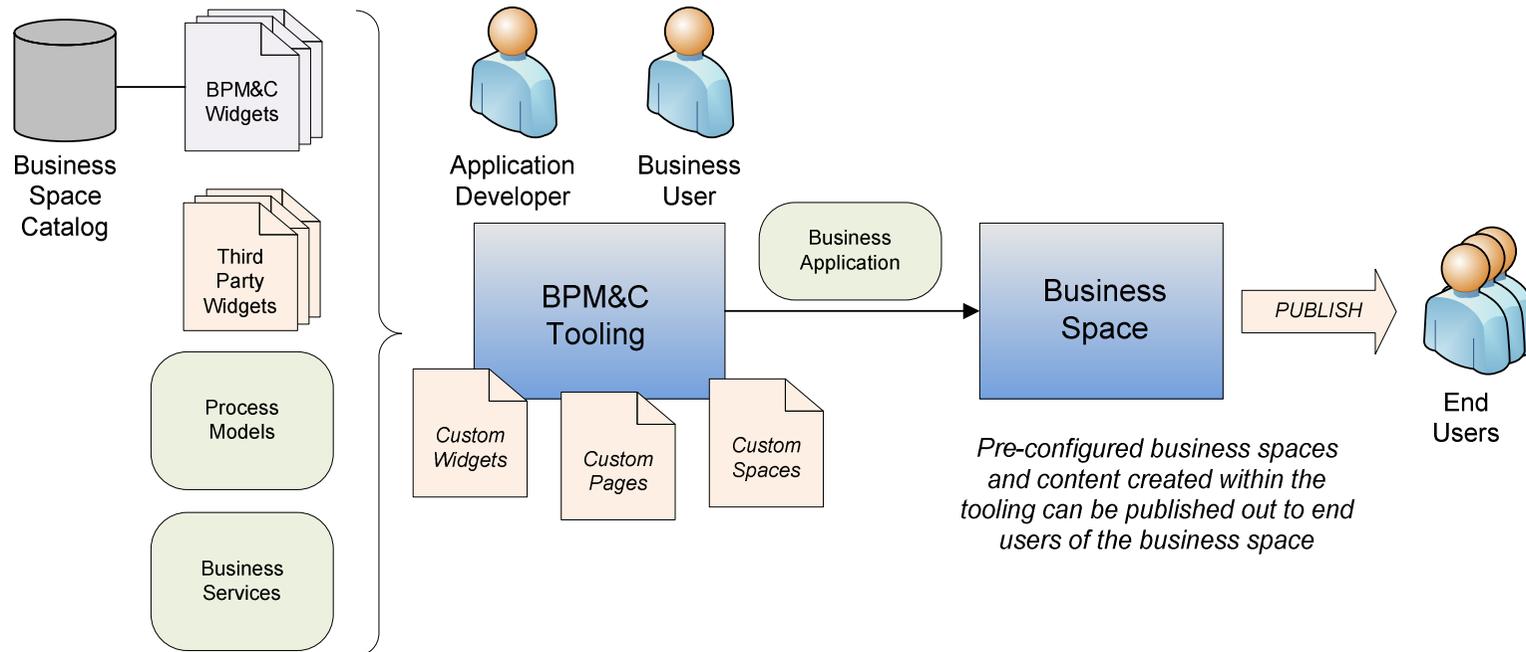
What it's All About: Two Complimentary Overarching Aims

- 1) *Facilitate collaboration across the BPM lifecycle and enable the business users with the "art of the possible"*



What it's All About: Two Complimentary Overarching Aims

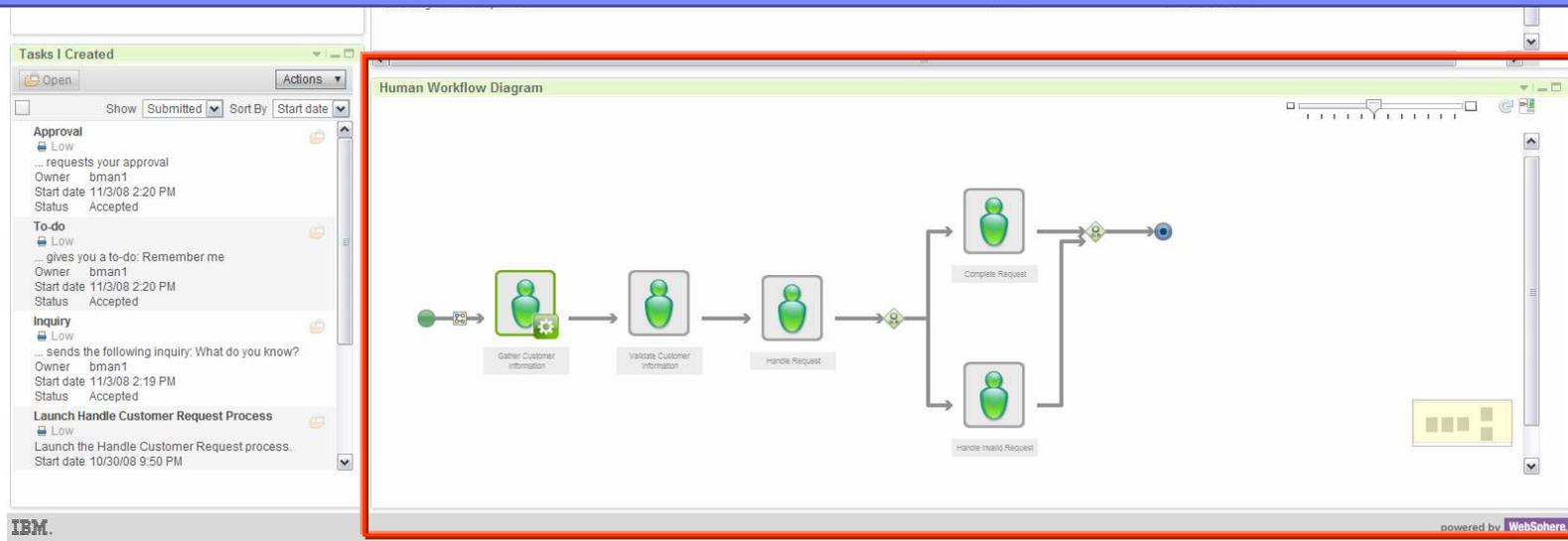
- 2) *Enable the rapid creation of the end user experience with the business application, leveraging and encouraging reuse of the full range of BPM&C productized content*



Business Space Terminology - Widget

Widget:

- A configurable piece of graphical user interface function, provided as an embeddable component
- Can produce and consume events “on the glass” Web 2.0
- Multiple instances may be on the same mashup page, each with a different configuration



iWidget – An Emerging Standard

Extensibility of framework to customer core applications and Partner ecosystem for third party content creation

- IBM Software group supports iWidget specification across products/components
 - Lotus Mashups, Lotus Connections, Lotus Quickr, Lotus Notes Client

Lotus Mashups

IBM® Lotus® Mashups provides a lightweight mashup environment for assembling personal, enterprise and Web content into simple, flexible, and dynamic applications. IBM Lotus Mashups is a core component of the IBM Mashup Center, and is complementary to other IBM offerings, including the assembly of new widgets that can be deployed to products such as WebSphere® Portal 6.1 and Lotus Connections 2.0.

Updated 19 Aug 2008

Top story



Developing widgets for IBM Mashup Center 1.0

Learn about the widget programming model: IBM iWidget specification, eventing service, widget basics. Develop a widget that monitors memory usage of a back-end server. [More](#)



- IBM donated the iWidget specification to the OpenAjaxAlliance.org
- Goal to standardize web widget components so widgets can interoperate in different mashup environments
- Build Partner ecosystem

Business Space Terminology – Mashup Page

The screenshot displays the IBM Business Space user interface. At the top, it says 'Business Space' and 'Welcome bman1 | Help | Logout'. Below this is a navigation bar with 'Manage Tasks' and 'Manage Business Spaces'. The main content area is divided into several sections:

- My Tasks:** A list of tasks including 'Approval' (Low priority, requests your approval, start date 11/3/08 2:20 PM).
- Task Information:** A detailed view of a task titled 'Gather Customer Information'. It includes a 'Submit' button, a 'Save' button, and an 'Additional Information' section with the text 'Gather the customer information.'
- Tasks I Created:** A list of tasks created by the user, including 'Approval', 'To-do', 'Inquiry', and 'Launch Handle Customer Request Process'.
- Human Workflow Diagram:** A central diagram showing a process flow. It starts with a 'Gather Customer Information' task, followed by 'Validate Customer Information', and 'Handle Request'. From 'Handle Request', the flow branches into 'Complete Request' and 'Handle Invalid Request', both leading to a final state.

Mashup Page:

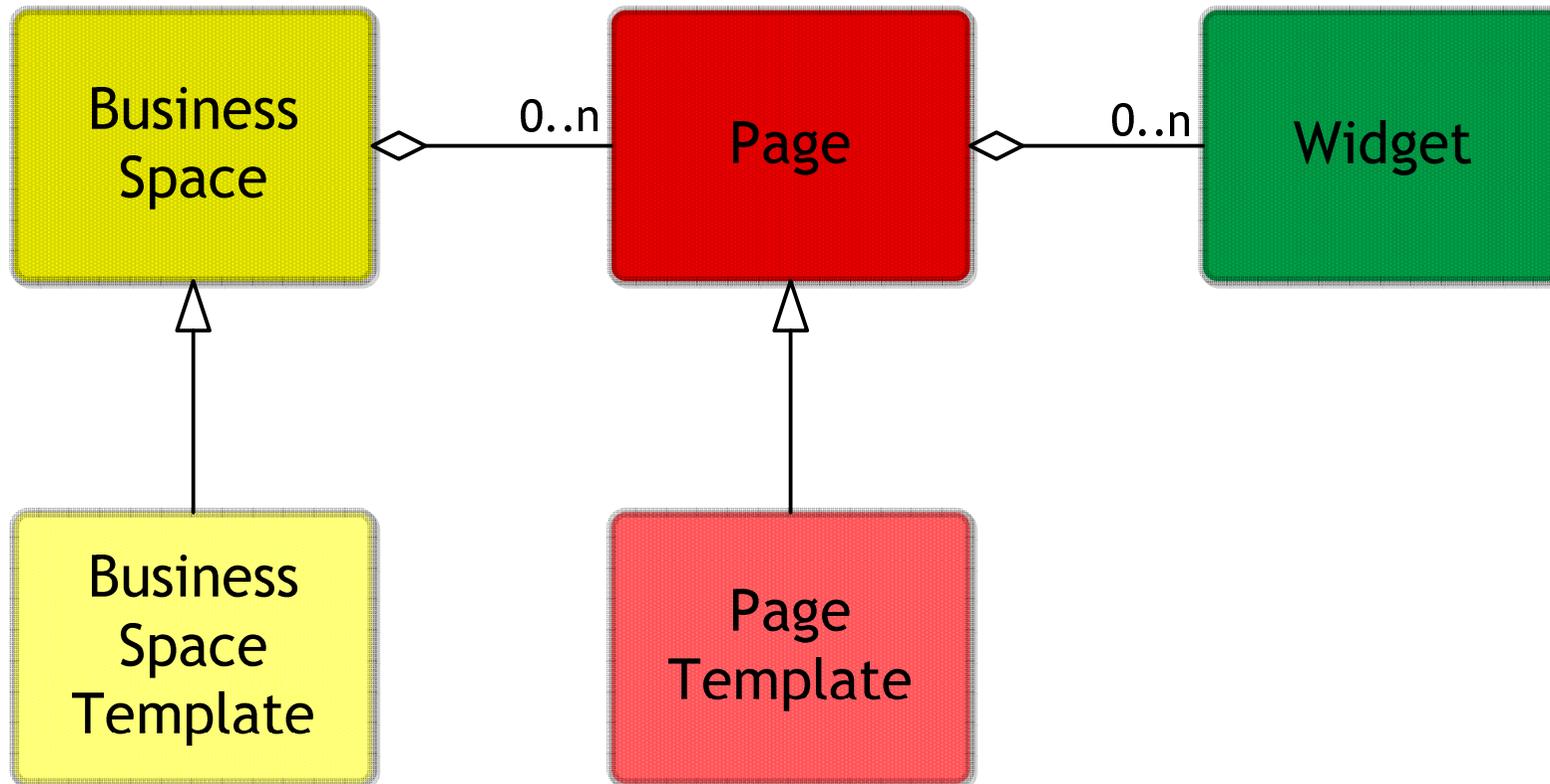
- A page consisting of a layout of widgets, their configuration, and an event flow between widgets

Business Space Terminology – Business Space

Business Space:

- A collection of mashup pages organized into tabs
- Typically represents a collaborative user interface or an interface for a BPM application
- Authorization to determine who can view & edit a space

Business Space Organization



BPM Widgets Enabled By Product in 6.2 /1

Editors and Viewers:

- Presentation
- Document
- Spreadsheet
- Web Site (URLs)
- Web Feed

Google Tools:

- Google Gadgets
- Google Calendar

Common Widgets

WebSphere Business Monitor

Human Tasks:

- (Also Requires WPS)*
- My Team's Tasks
 - Send Widget

Business Monitoring:

- Reports
- Instances
- Human Tasks
- KPIs
- Dimensions
- Diagrams
- Alerts
- **KPI History and Prediction**

Business Monitoring Tools:

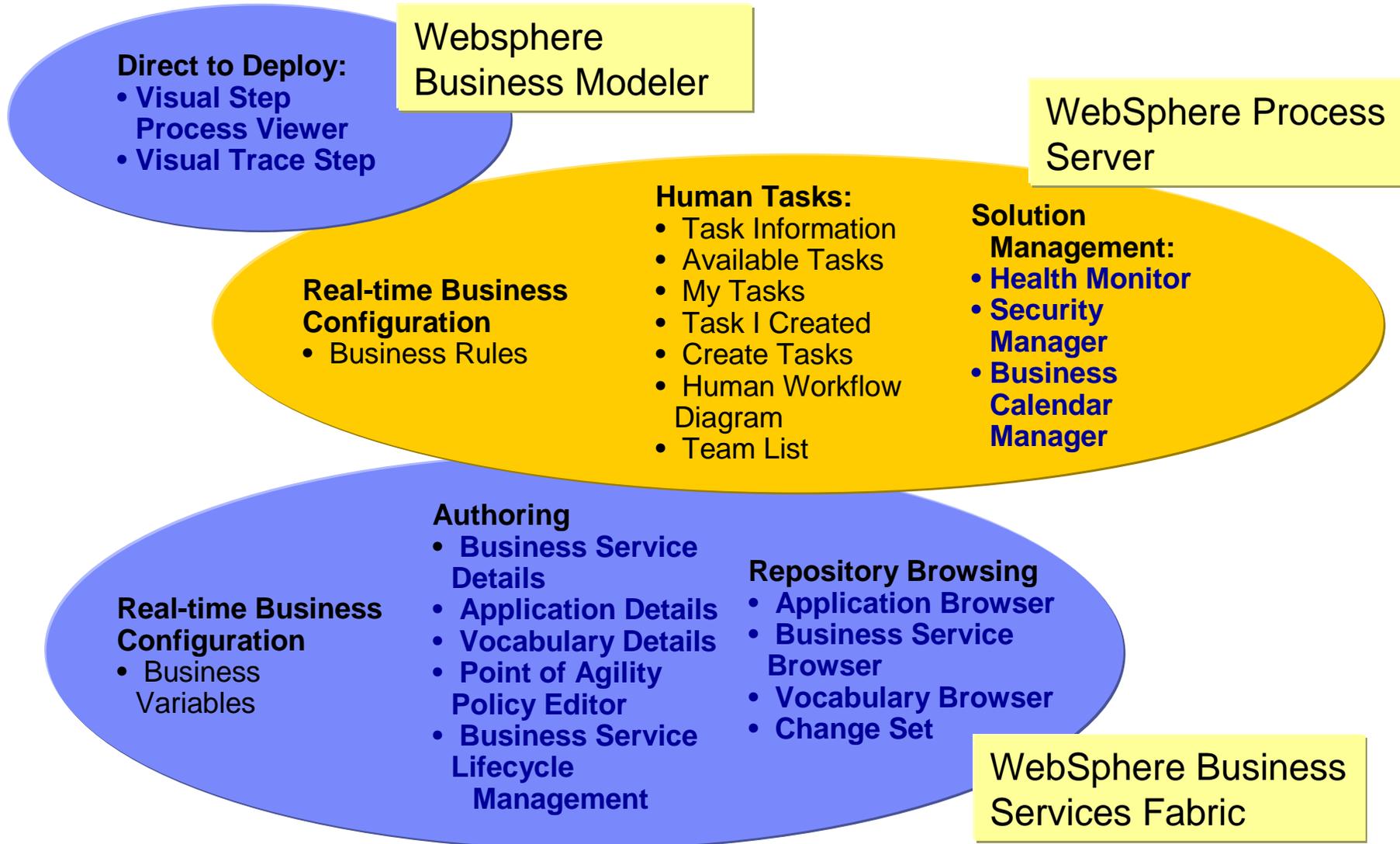
- Export Values
- Alert Manager
- KPI Manager
- Getting Started for Monitor

Reviewing:

- Draft Artifacts
- Released Artifacts
- **Publishing Server Manager**
- **Comments**
- Publishing Server Status
- Publishing Server Access Control
- **Getting Started Publishing Server**

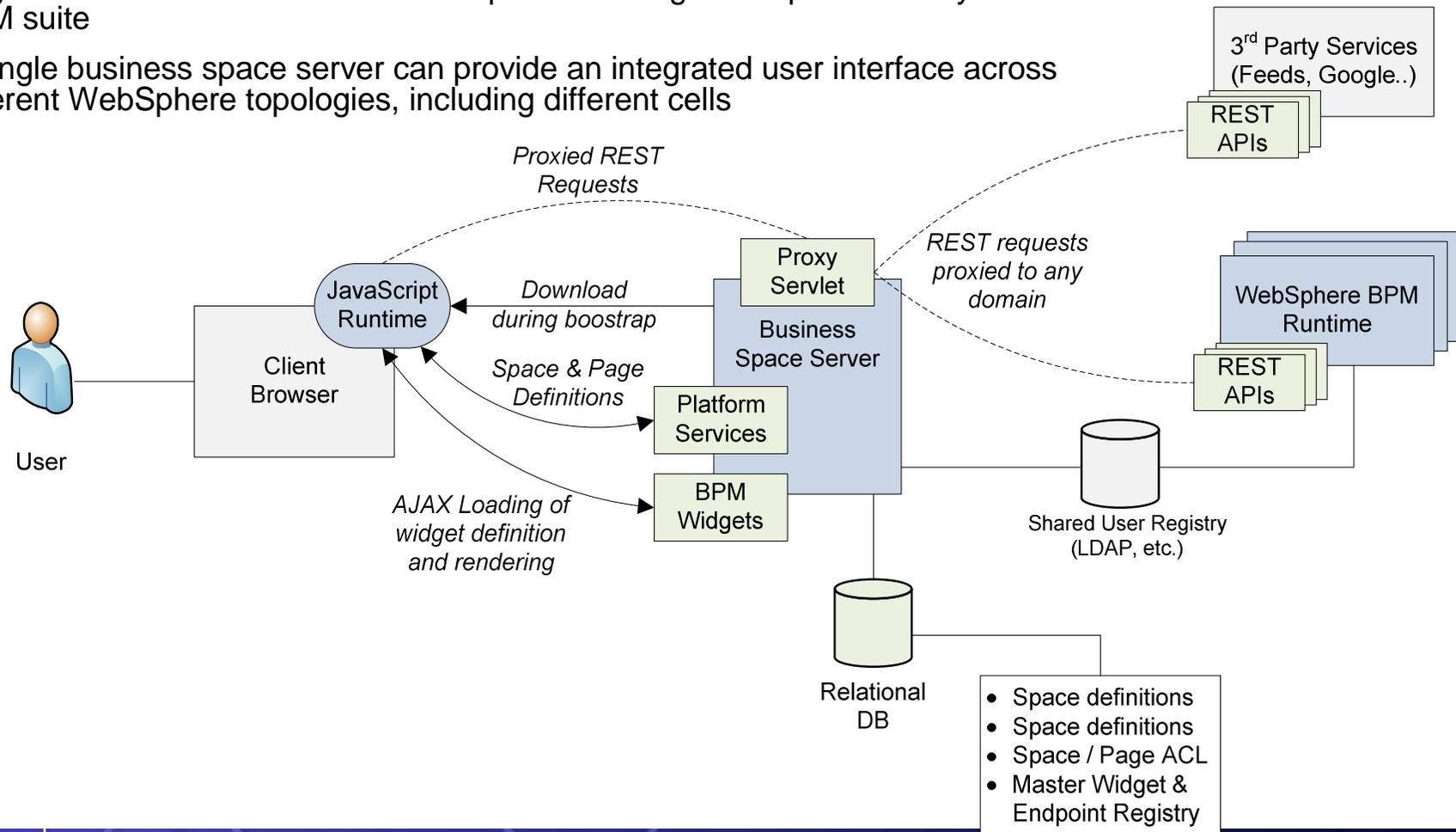
WebSphere Business Modeler Publishing Server

BPM Widgets Enabled By Product in 6.2 /2

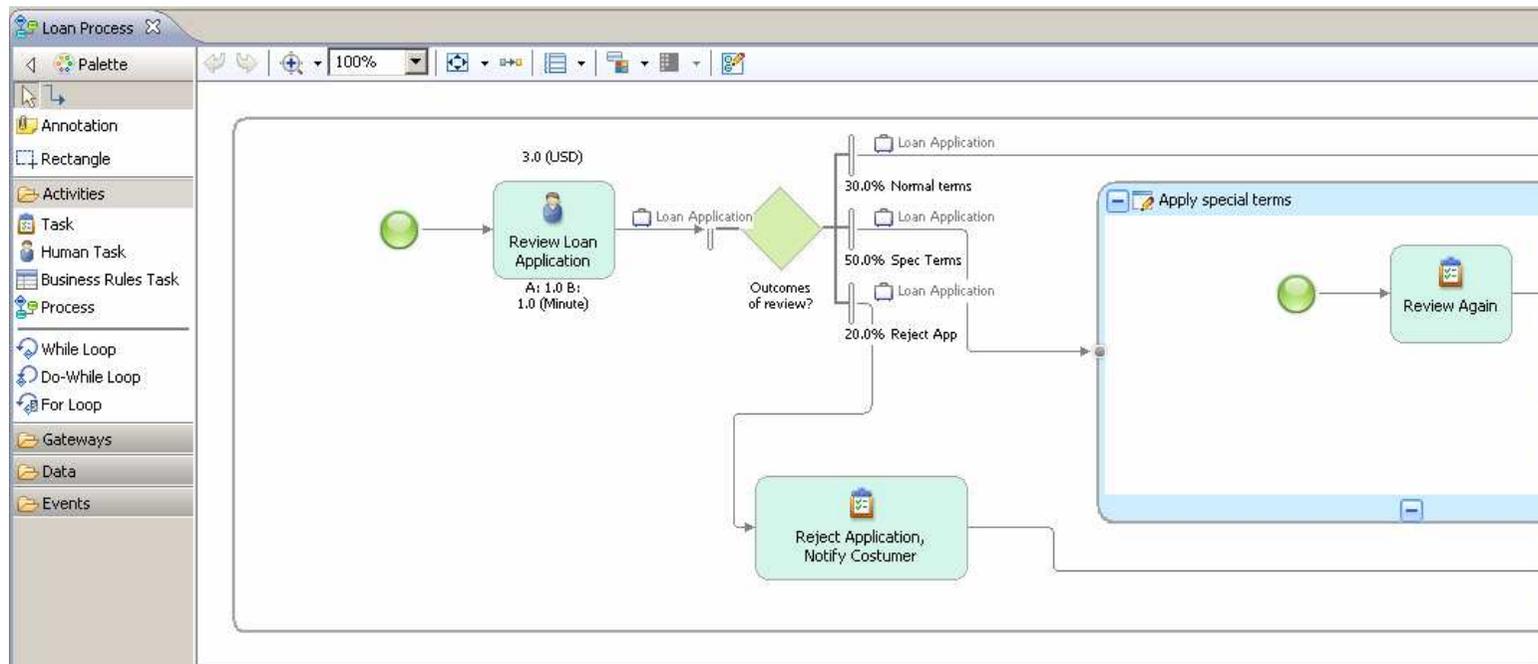


Business Space Architecture Overview

- The business space server is provided as a common infrastructure component, shipped with each BPM product
- Only one server instance is needed to provide a single web point of entry across the BPM suite
- A single business space server can provide an integrated user interface across different WebSphere topologies, including different cells



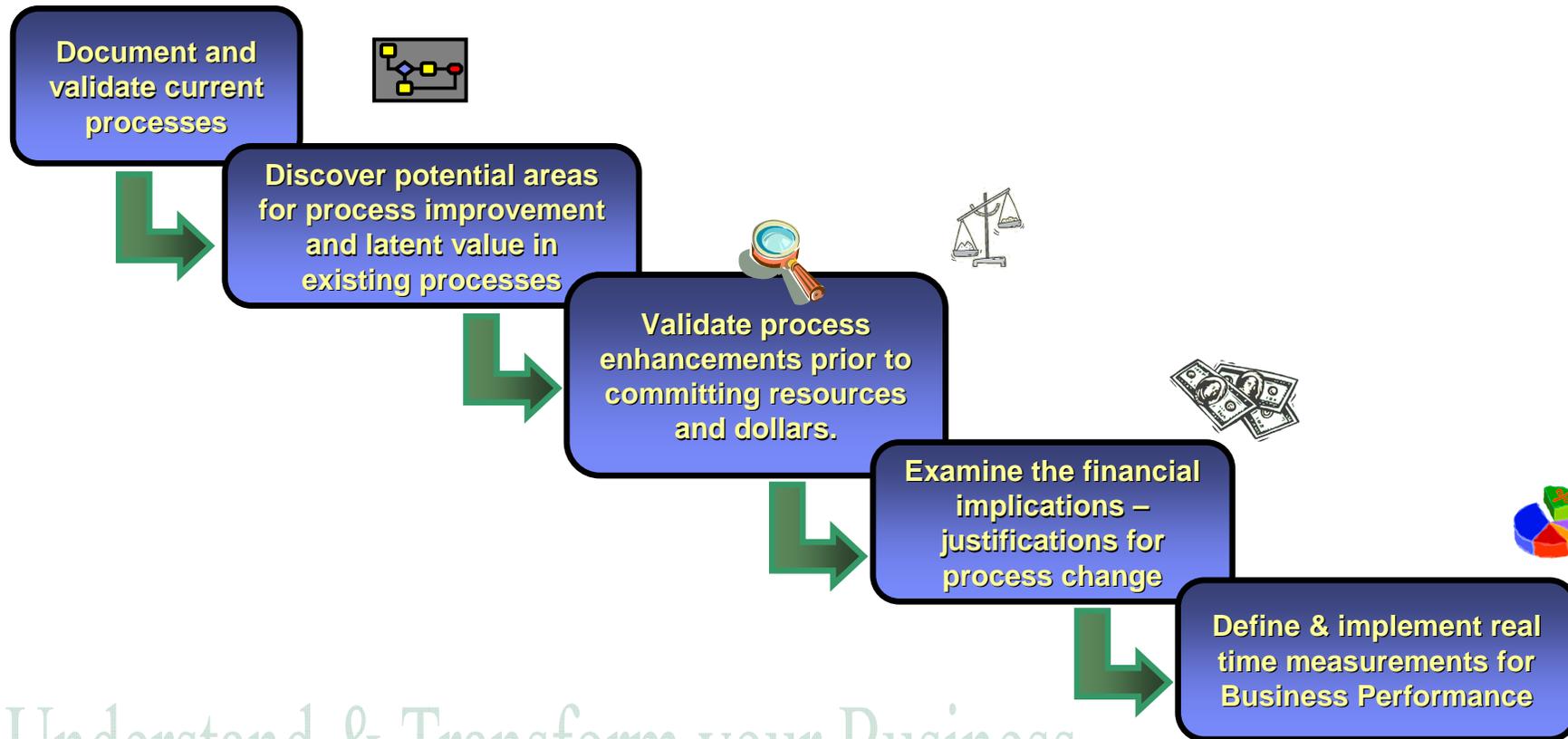
WebSphere Business Modeler v6.2



WebSphere Business Modeler

- Enables business users to design, model, and deploy vital business processes
- Allows users to make informed decisions before deployment through advanced simulation capabilities based on modeled and actual data
- Provides integrated industry content to help business users jumpstart solution development
- Accelerates process optimization by allowing users to visualize and identify bottlenecks and inefficiencies in processes
- Provides enhanced integration with the IBM BPM Suite and WebSphere Dynamic Process Edition through Business Space powered by WebSphere, an unified end user interface that integrates BPM content for a holistic management of business processes
- Enables subject matter experts to share models and collaborate using a Web browser with WebSphere Business Modeler Publishing Server

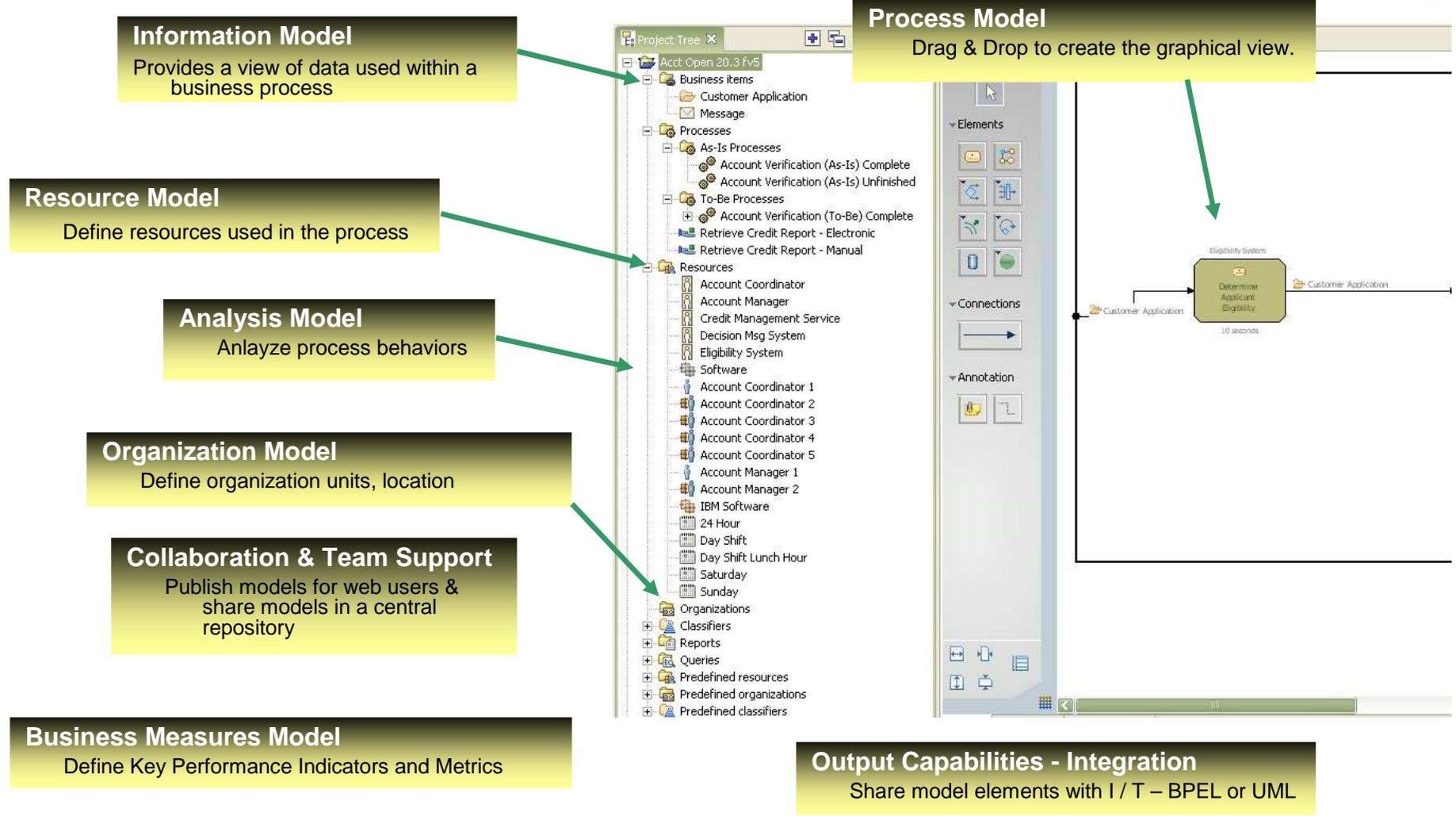
Benefits of Business Modeling and Analysis - Why model business processes?



Understand & Transform your Business
Understand & Transform your Business



True Business Understanding Requires Multi-Dimensional Models



What's new in v6.2

**Process editor
enhancements**

**Reporting
enhancements**

**Support for
asset repositories**

**Printing
enhancements**

**Define and test
a deployable process**

**Project Tree
view enhancements**

**Attributes view
enhancements**

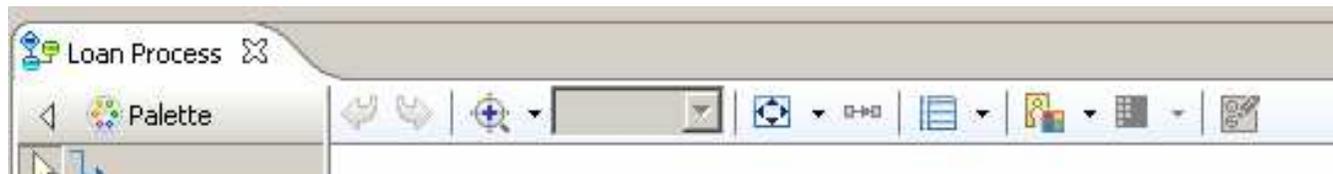
**Monitoring
enhancements**

**Modeling for application
development
enhancements**

Process editor enhancements /1

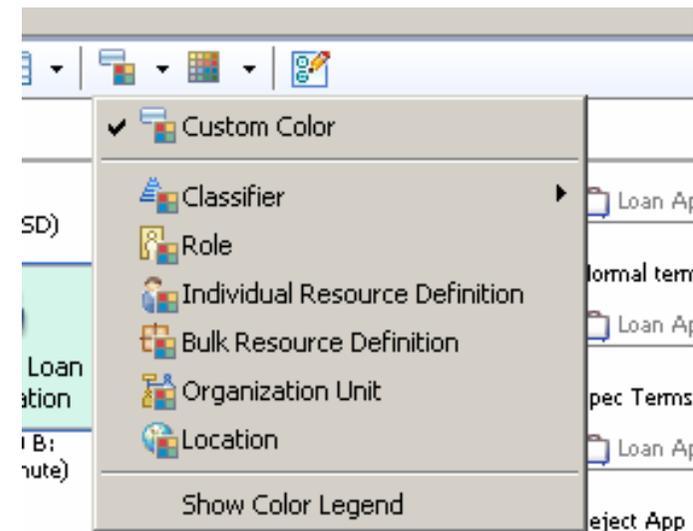
Local toolbar and diagram settings

A local toolbar has been added that contains the most commonly used editor functions.



Custom color tool and legend

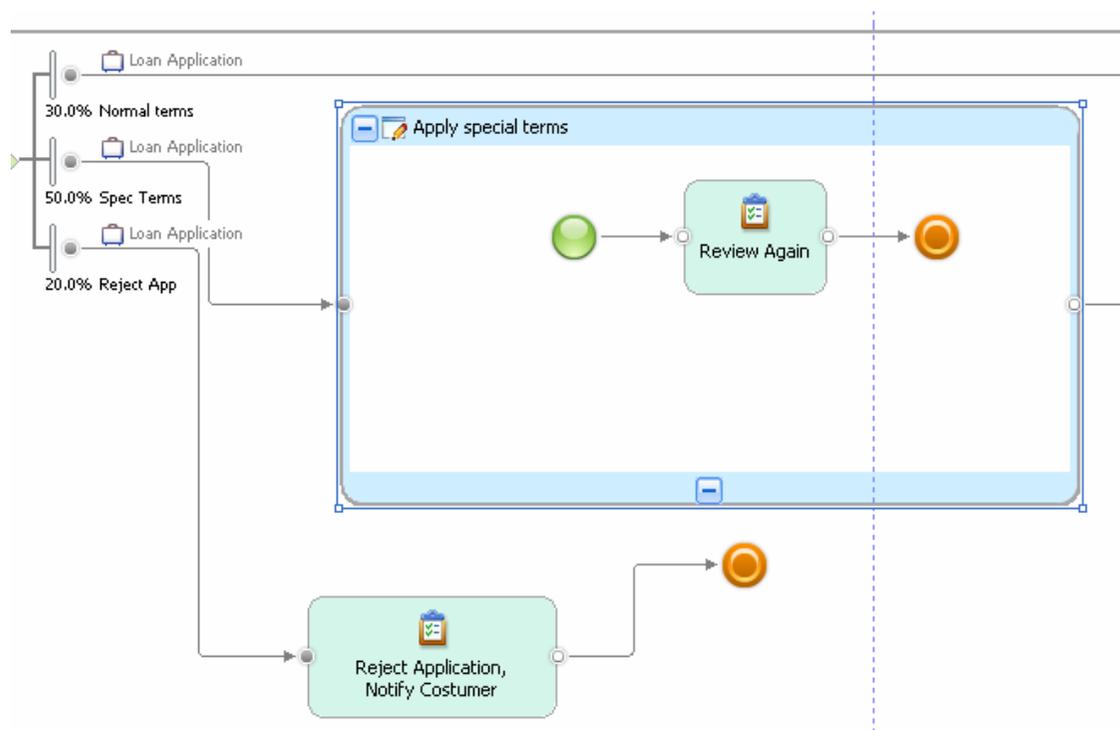
You can now apply custom colors to nodes in the process diagram and add a legend to the diagram to indicate the meaning of the colors.



Process editor enhancements /2

Expand in place for subprocesses and loops

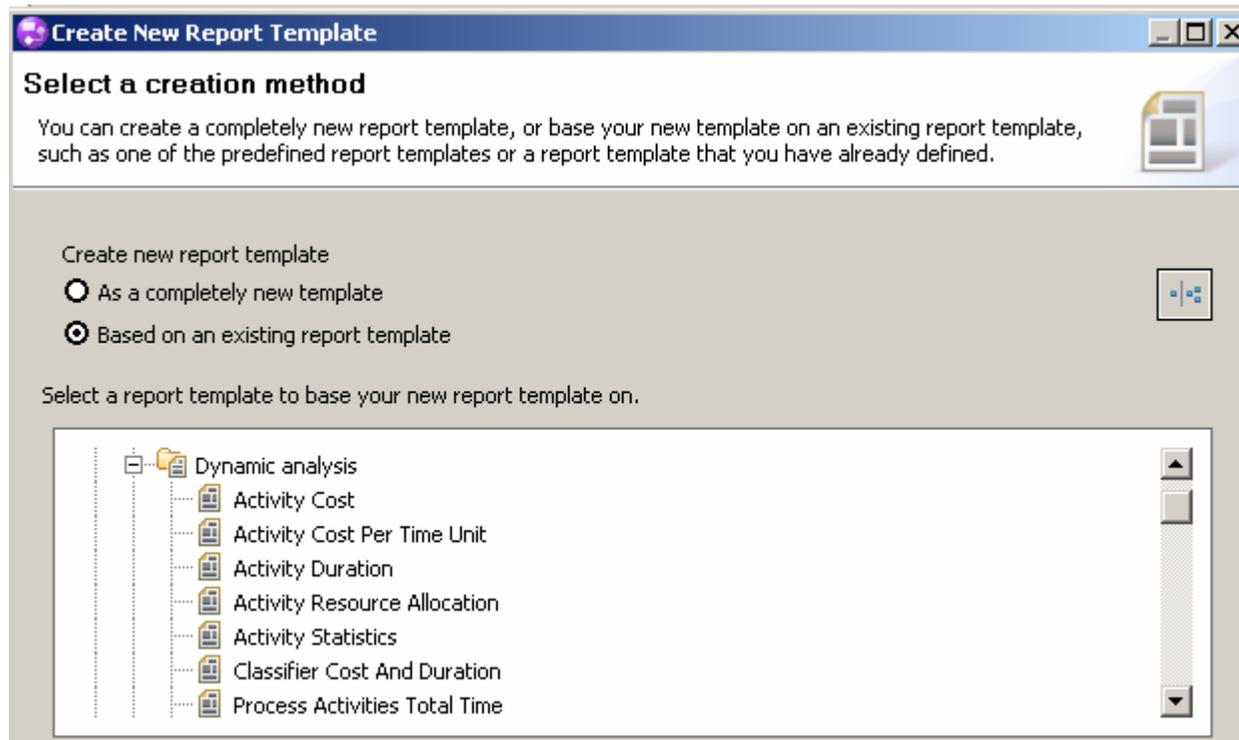
You can now expand subprocesses and loops in place in a process diagram.



Reporting enhancements

Create report templates more easily

Using the New Report Template wizard, you can now create a template based on an existing template, either predefined or user created. To help you select an existing report template, descriptions are shown. These descriptions have been updated for all predefined report templates to better indicate what the report will include.



Define and test a deployable process

Develop and test deployable processes

You can now accelerate your time to value by creating business process applications on your timeline to exactly match your line of business requirements. You can use WebSphere Business Modeler to define exactly what you want in a business process application for a human-centric process without relying on IT to develop and test the application.

