
WebSphere Business Compass V7.0

Overview of what is new




This presentation provides an introduction to what's new for WebSphere® Business Compass V7


Goals

- Goal of this presentation
 - Introduce new features for WebSphere Business Compass V7.0 in these areas:
 - Introduce WebSphere Business Compass V7
 - Business Design Home
 - Business Design Template
 - Documents

In this presentation you will learn about the WebSphere Business Compass. It is the natural evolution of the WebSphere Business Modeler Publishing Server and the Business Leader widgets. There is a brief introduction to position the new name. Then the new Business Space features are presented and finally a tour of all the document types that are available.



WebSphere Business Compass V7



- Composed of two parts
 - Business Modeler Reviewing space
 - Publish business processes from WebSphere Business Modeler
 - Review and comment on models
 - Secure web-based environment
 - Business Modeler Design space
 - Create strategy and high level design documents
 - Secure web-based environment for collaborative team development
- Built on the Business Space BPM framework

Formerly known as the Publishing Server

Formerly known as the Business Leader widgets

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The WebSphere Business Compass is composed of two sets of widgets, each defined by a business space template. They are the Reviewing template and the Business Design Space template.

The Reviewing space provides a way to publish business process models and related business information to a secure Web site. This capability supports the development, documentation, and dissemination of business process models on an enterprise and worldwide scale.

The Business Design spaces provide a collaborative, Web-based environment for designing and building business strategy planning documents that visually represent your current and future business structure and processes. Teams can collaborate in the creation of different document types related to a specific business solution. The solution can then be shared with or reused by other teams in their own solutions, or exported for printing and reviewing.

Business reviewing space: Update

- No new functions with the Publishing Server V7
- Migrated to the new Business Space BPM V7 framework
- Unfamiliar with Publishing Server?
 - See these IBM Education Assistant modules
 - [WebSphere Business Modeler Publishing Server overview V6.1](#)
 - [Overview – V6.2 update](#)

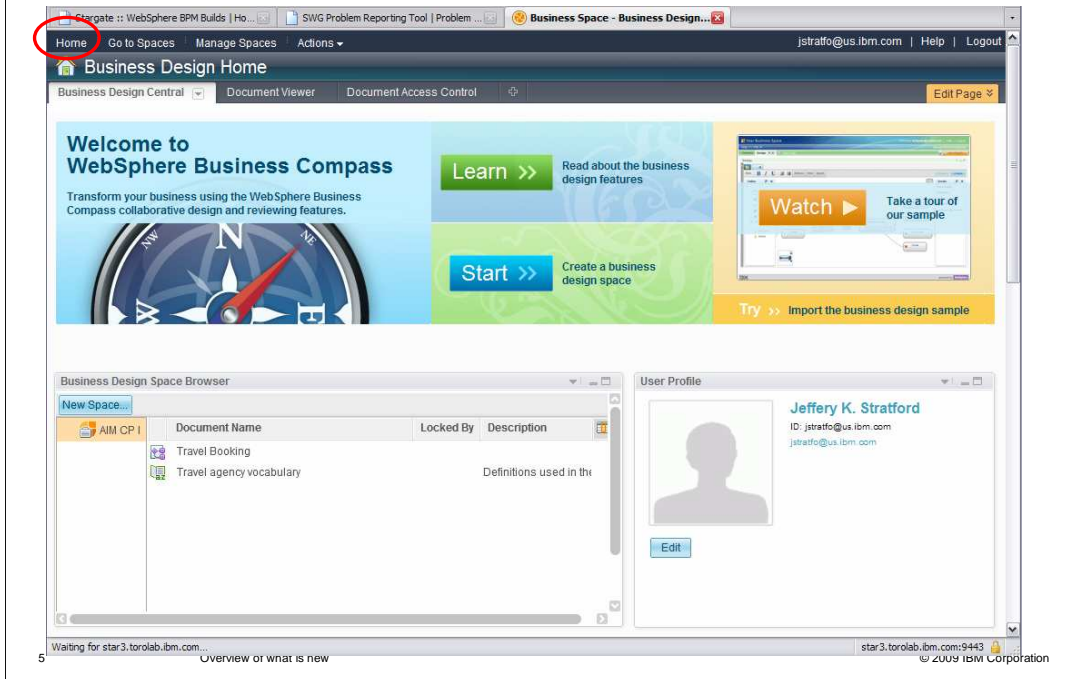


Links

This presentation covers only new features and functions. Since there have not been any new features added to the Business Review component of the WebSphere Business Compass the remainder of this presentation is focused on the Business Design space.

If you need to learn more about the Publishing Server, see the IBM Education Assistant overviews starting with version 6.1. The links are provided here for your convenience.

Home page – getting started



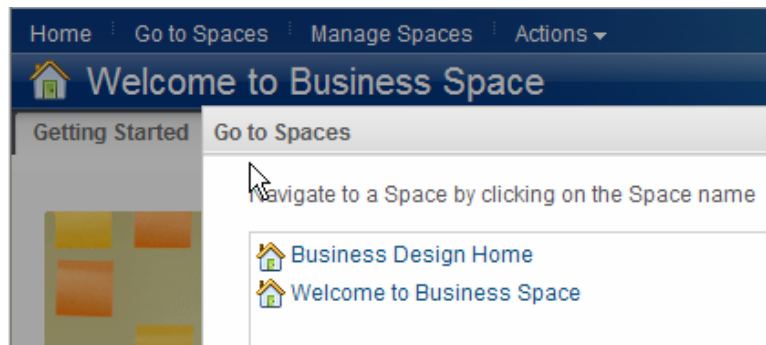
When you first log into the WebSphere Business Compass you are presented with the Home page. The home page is full of links to documentation, educational material, tutorials, and a link to the Space Manager. The Space Manger is where you can get started creating your own personal business design space.

The home page is fully customizable by the Business Space administrator so that you can create your own personalized welcome experience for your organization.

Notice the other menu items across the top, 'Go to Spaces', 'Manage Spaces', and 'Actions'. These will always be with you, no matter where you are in the business space. They provide quick navigation and access to the space management functions.

Available business spaces

- When you first start there are two business spaces
 - Welcome to Business Space (Home)
 - Business Design Home

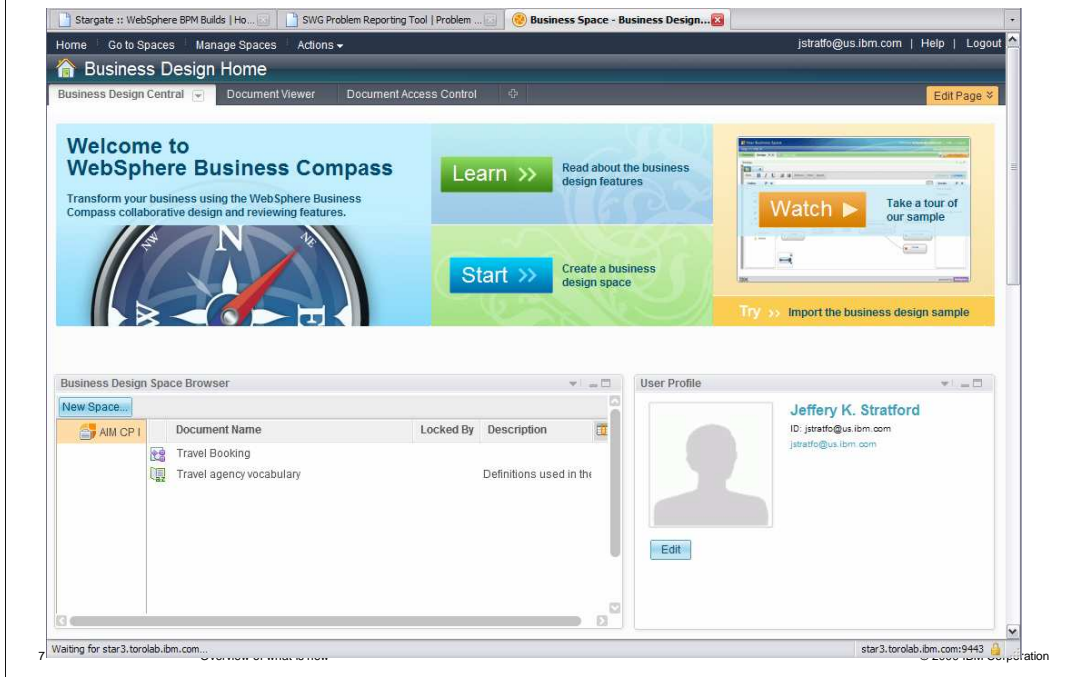


As mentioned previously, the Home space is customizable and by default the Business Design space is displayed.

The Business Design Home is a permanent fixture and will always be there.

As the name implies, it is a home space that is tailored for your business design work.

Business Design Home



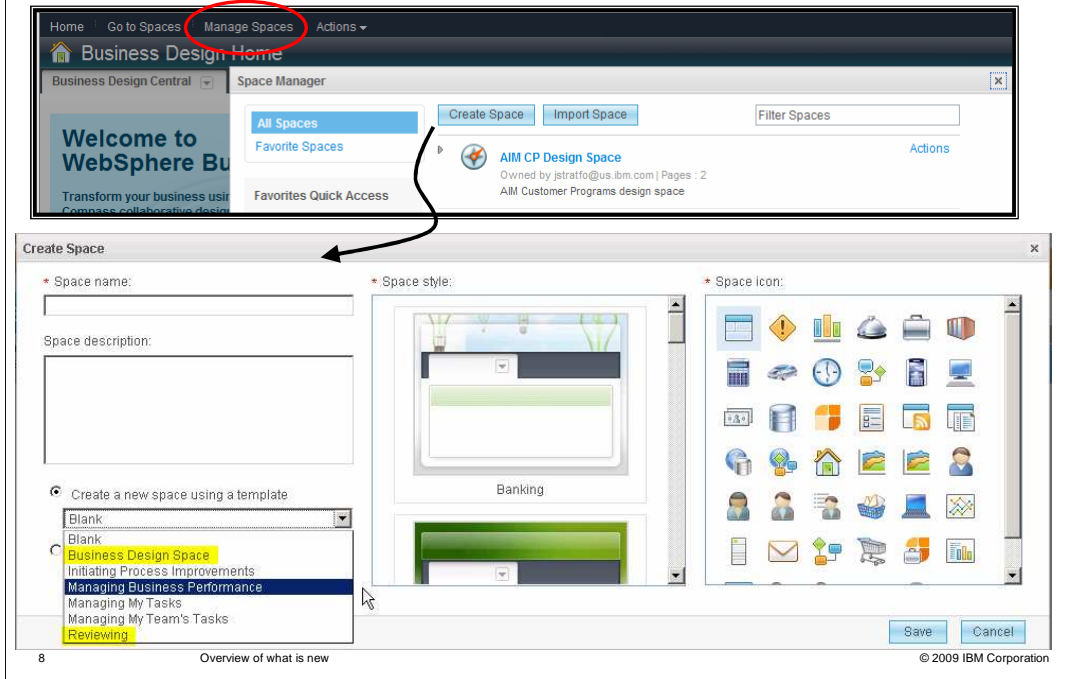
The business design home is where you manage your business design spaces. There are links to documentation, tutorials, and demonstrations.

You can create new spaces and manage your personal profile.

There are two additional pages, 'Document Viewer', and 'Document Access Control' for browsing the document repository and managing how others use documents that you have made public. By default, only members of your team can view the documents in your design space.

From this page you can also navigate to one of your business design spaces or documents by selecting it in the, 'Access Design Space Browser' on the bottom left.

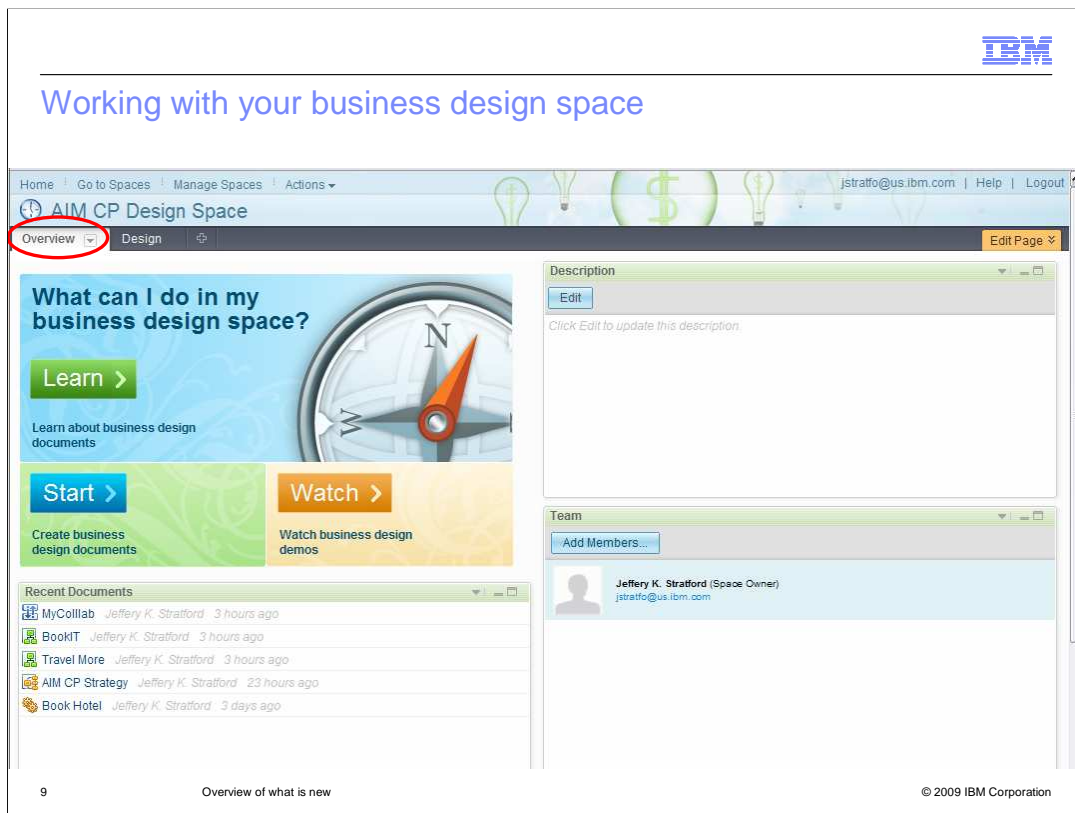
Creating spaces



To create a new business design space, select the 'manage space' menu option at the top. This will give you the space manager. A portion of it is shown in the first screen capture. Selecting the 'create space' button will invoke the create space dialog shown in the second screen capture.

There are two templates of interest, the Business Design template for creating a business design space and the Reviewing template for creating a Reviewing space. They are highlighted in yellow.

You can also customize your business design space so that is it easy to recognize by selecting a style sheet and an icon.



Your personal business design space has two pages, 'Overview' and 'Design'.

The overview page is shown here. Again, there are links to documentation, educational material, and demonstrations.

Here you can update the description for your design space, give access to your space to other team members and navigate directly to your most recently edited documents.

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Design space: Design page

The screenshot shows the IBM Design Space interface. At the top, there is a navigation bar with 'Home', 'Go to Spaces', 'Manage Spaces', and 'Actions'. The current space is 'AIM CP Design Space'. Below this, there are tabs for 'Overview' and 'Design', with 'Design' being the active tab. The main area is titled 'Documents' and contains a table of document entries. The table has columns for 'Document Name', 'Locked By', 'Last Modified', and 'Description'. The documents listed include 'TestService', 'Hotel Reservation Form', 'Travel agency vocabulary', 'Travel More', 'TestVocab', 'MyCollab', 'New Form', 'Travel Booking 2', 'TestService', 'BookIT', 'Book Hotel', and 'AIM CP Strategy'.

Document Name	Locked By	Last Modified	Description
TestService		Nov 6, 2009 6:32	
Hotel Reservation Form		Oct 28, 2009 6:20	
Travel agency vocabulary		Oct 29, 2009 7:54	Definitions used in the travel agency domainmmr
Travel More		Nov 11, 2009 10:10	The Travel More travel agency
TestVocab		Nov 6, 2009 4:55	
MyCollab		Nov 11, 2009 10:10	
New Form		Nov 6, 2009 6:26	
Travel Booking 2		Nov 5, 2009 9:52	Starting new
TestService		Nov 6, 2009 6:31	
BookIT		Nov 11, 2009 10:10	This is the reservation system
Book Hotel		Nov 8, 2009 9:06	This service will book a hotel reservation based o
AIM CP Strategy		Nov 10, 2009 2:44	To be the #1 education provider for internal IBM'er

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The design page is where you will spend most of your time. This is where you create and manage your documents. You can also search the repository and upload business design documents.

Selecting a document from the list will open the document, where you can browse or edit it.

Documents



- Strategy map
- Capability map
- Process maps
- Organization chart
- Vocabulary document
- Service document
- Form Document
- Collaboration diagram

Listed here are all of the document types that are available to the business designer. Each document focuses on a specific aspect of the business and they all work together. The documents can be linked together to form a document network.

Each document type is described briefly in the next few slides.

Strategy map

- The strategy map is a visual tool for defining, planning, and communicating the overall strategy of an organization
 - Goals – Where you are going
 - Actions – What you need to do to get there
 - Measures – How you know you are there



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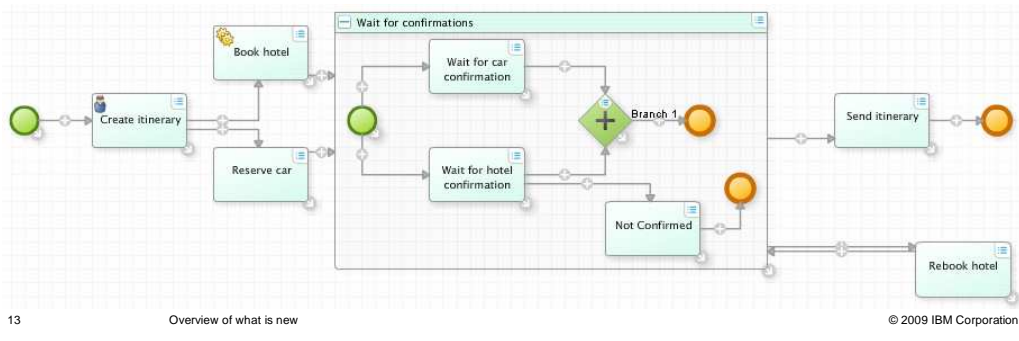
The strategy map is a visual tool for defining, planning, and communicating the overall strategy of an organization.

It provides a clear picture of the overall objectives or goals of the organization (*Where are you going?*), the actions that are planned to achieve those goals (*How are you getting there?*), and the means by which the achievement of those goals are measured (*How will you know you are there?*).

There are details associated with each element where you can capture the descriptions, assign owners, create links to other documents, and add attachments.

Process map


- Process maps are visual representations of business processes
 - Processes are composed of activities and decisions that dictate when the activities occur.
 - You can use process maps to document your current business processes, or to plan future business processes



The business process map describes how the work gets done.


Shown here is the simple travel booking application that uses a sub-process and parallel gateways.

The notation used here is BPMN 2.0.

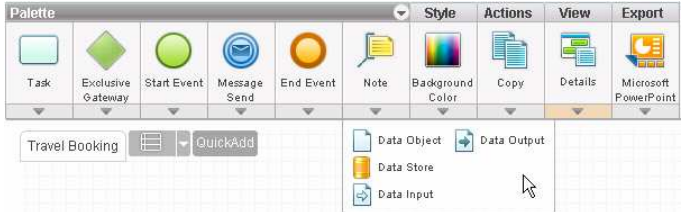


Process editor

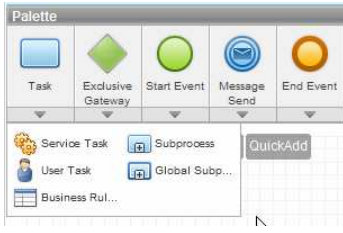
Simple palette



Detailed palette



- Full BPMN 2.0 Level-1 support
- Two palettes
 - Simple - descriptive
 - Detailed - analytical



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The business process editor fully supports BPMN 2.0 Level-1 modeling. Level-1 has been identified as simple descriptive process flow charting. The basics, is what you see with the simple palette. The elements are start, end, task, decision, and note. The style, actions, view and export menu options, provide functions common to both palettes. Selecting the dropdown arrow will expose additional functions.

The detailed palette expands the modeling capability and provides some of the features supporting BPMN 2.0 Level-2, analytical BPMN.

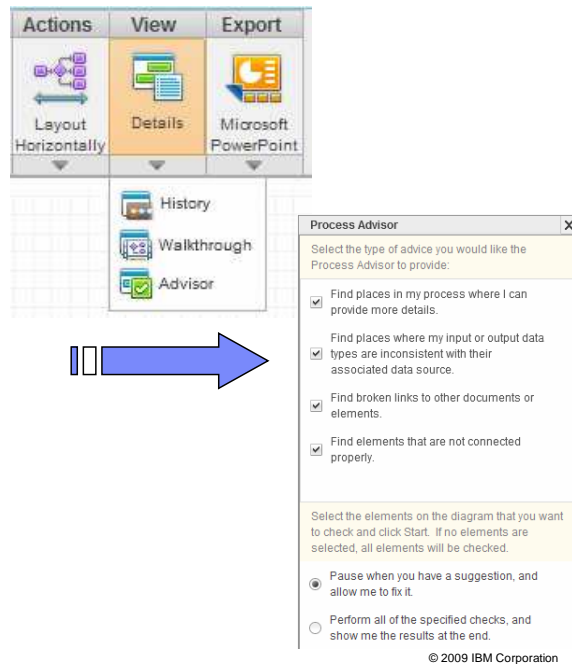
Selecting the drop down arrow beneath the element exposes the advanced elements that are available.

Under the notes, you can see the data objects and related elements and under tasks you can see all the different kinds of tasks that can be used. Service task, user task, business rule task, subprocess, and global subprocess.

To see the complete set of elements, inspect the drop down menus for each of the elements.

Process editor: History, walk-through, and advisor

- History
 - Historical record of changes
 - Can revert back to previous changes
- Walk-through
 - Step through a specific path in the business process
 - Displays value stream information
 - Displays forms associated with user tasks
- Advisor
 - Check the business process and make suggestions based on the kind of advice requested



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The history, walk-through, and advisor are three very powerful features of the process editor.

With the history feature you can visually see the time line of the changes and easily revert back to a previous version.

The scenario walkthrough feature lets you select a path through the business process and then replay the scenario in presentation mode, one step at a time.

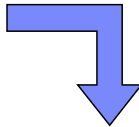
Value stream information captures the time and cost of a task.

If the task has 'value stream' information associated with it, then the value stream information is shown during the walkthrough and the summary is updated at each step. Forms associated with user tasks can also be displayed during the walkthrough.

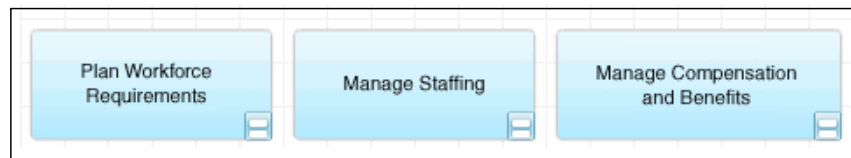
The process advisor has a check list of possible problems that it can check for. You select the things you want it to check for and whether you want to stop at the first suggestion or run through the entire process marking each area in question. If there are no suggestions then the task or element is marked with a green check mark.

Capability map

- Business capabilities define what your business does
- The services it provides to customers,
- The operational functions it performs for employees
- Can have nested sub-capabilities



Level 1 of human capital management



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Capability maps allow you to hierarchically decompose the services your organization provides.

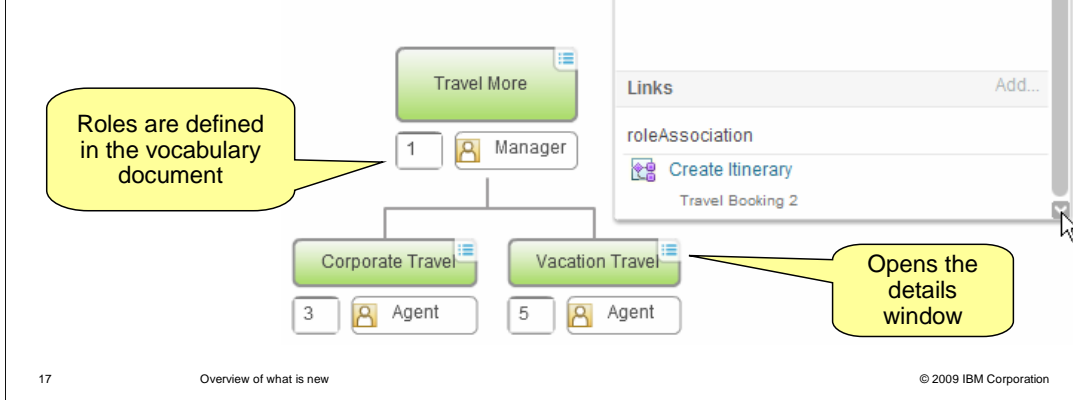
Viewing your business in terms of capabilities provides a higher level view of the structure of your business.

Business capabilities can be composed of several sub-capabilities.

For example, an organization might have a human capital management capability that is itself composed of a set of capabilities: *Plan workforce requirements*, *manage staffing*, and *manage compensation and benefits*

Organization chart

- Organization charts allow you to visualize the structural relationships between the different organization units in your business



Organization charts allow you to visualize the structural relationships between the different organizational units in your business.

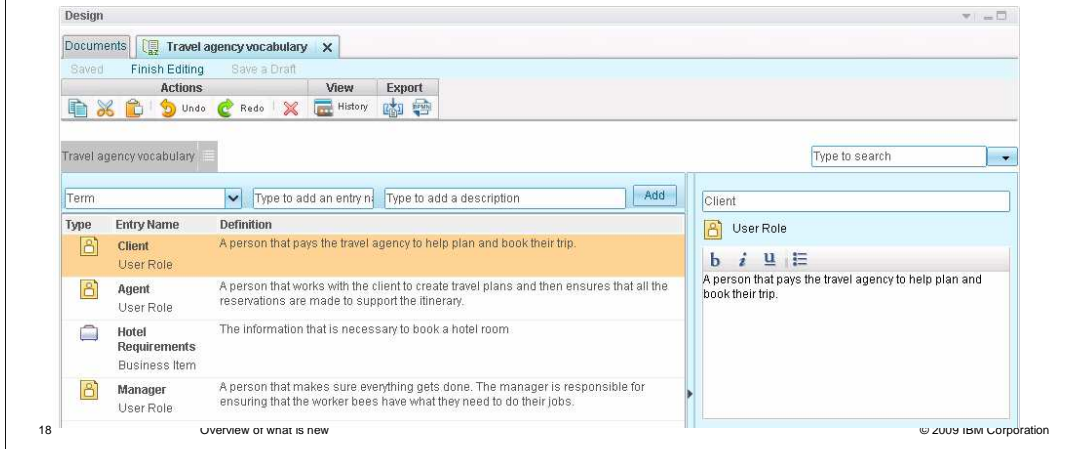
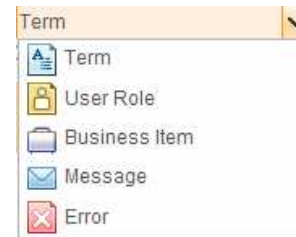
For each organizational unit, you can associate a set of roles included in that organizational unit, and optionally specify the quantity of individuals filling that role within the organizational unit.

The little button in the upper right of the element will open or close the 'details' window. It is in the details where you can make links to other documents. Shown here is a link to the 'Create Itinerary' task in the Travel Booking business process.

From this one picture it is easy to see that there is an agent in the Vacation Travel business unit that is responsible for creating vacation itineraries for individuals and large groups.

Vocabulary document

- A place to capture terms and definitions for a specific domain
- Can have multiple vocabulary documents
- Elements are used by other document types



A business vocabulary holds all of the terms, business item definitions, messages, errors, and roles that are used in your business documents.

Each vocabulary entry is associated with an approved definition that is available where ever an entry is used within a business document.

For example, you can associate a role from a business vocabulary with an activity in a process map.

This creates a link where the role definition can be viewed when reading and editing the process map.

By standardizing these common terms and business objects in a business vocabulary and reusing them in different business documents, you can ensure consistency and coherence in your business document set.

Service document

- Represents a business service
- Provides the interface specification for the service
- Associated with the *service task*

The screenshot displays the IBM Business Design Studio interface. At the top, a 'Design' toolbar includes options for Documents, Travel Booking, AIM CP Vocabulary, and Book Hotel. Below this is a menu bar with 'Saved', 'Finish Editing', and 'Save a Draft'. A toolbar with icons for Actions, Undo, Redo, View, and Export is visible. The main workspace shows a service task diagram with a 'Book hotel' task connected to a 'Reserve car' task. A 'Details' window is open over the 'Book hotel' task, showing a 'Description' field with a search vocabulary, 'Inputs' and 'Outputs' sections, and a 'Service Definition' section with a 'Choose' button. A yellow callout bubble labeled 'Service task' points to the 'Book hotel' task in the diagram. Another yellow callout bubble labeled 'Service document' points to the 'Book ReservationOp' operation in the 'Operation Details' pane. The 'Service Details' pane shows the service name 'Book Hotel' and a description: 'This service will book a hotel reservation based on the information received by the Hotel Requirements Message.' The 'Operations' list includes 'BookReservationOp'. The 'Operation Details' pane shows 'BookReservationOp' and its description: 'This is the main operation (entry point) for this service.' The 'Input' field is 'HotelRequirementsMsg Change' and the 'Output' field is empty. The 'Errors' section has an 'Add an error' button. The bottom left corner shows '19 Overview of what is new' and the bottom right corner shows '© 2009 IBM Corporation'.

Service documents describe the business services that are available for use within your business processes.

You can create new business service documents in your Business Design space, or you can reuse WSDL documents that have been authored in WebSphere Integration Developer and imported to the WebSphere Business Compass document repository.

Service documents work with service tasks. To use a Service in your business process, you create a service task, and then in the details of the service task, associate the service document.

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Form document

- Forms are associated with user tasks
- Requires Lotus® Forms Turbo

The screenshot shows the Lotus Forms Turbo design environment. On the left is a 'Design' toolbar with options like 'Saved', 'Finish Editing', and 'Save a Draft'. Below it is a 'Items' palette with various form components such as Page Header, Section, Entry Field, Dropdown List, Choices, Date Selector, Web Link, Text Label, and Page. The main workspace displays a 'Create itinerary' user task with a 'Hotel Reservation Form' document attached. The 'Details' window for the user task is open, showing a 'Description' field with a search vocabulary, a 'Performers' list with an 'Agent' from the 'Travel agency vocabulary', and sections for 'Inputs', 'Outputs', and 'Associated User Interface'. A yellow callout bubble labeled 'User task' points to the 'Create itinerary' task, and another yellow callout bubble labeled 'Form document' points to the 'Hotel Reservation Form' document.

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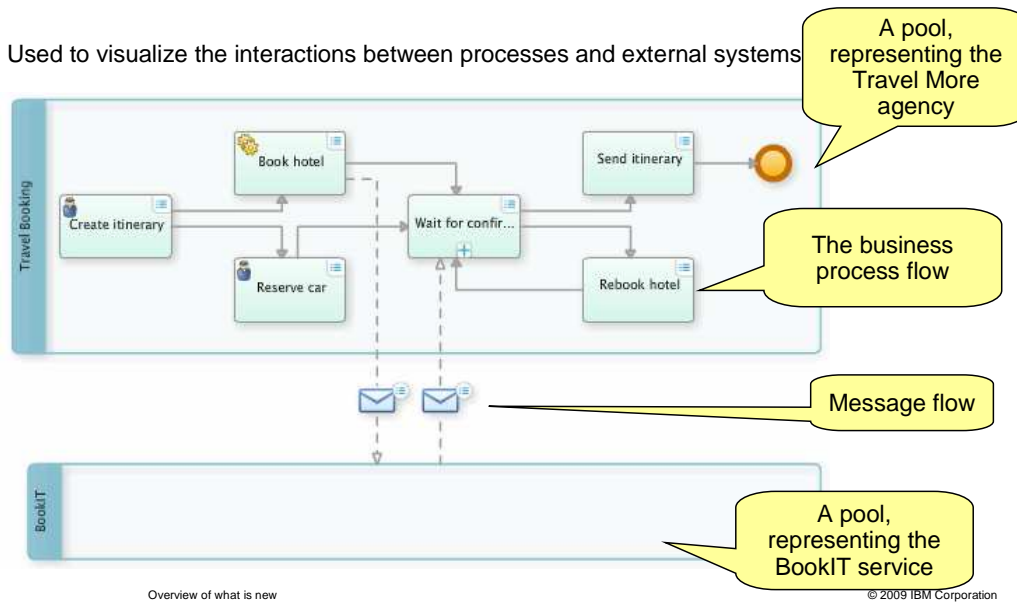
With WebSphere Business Compass you can use Lotus Forms Turbo to create forms to visualize and verify the attributes needed for a user centric flow.

A form is used to display output information to a person and to gather input. A form is associated with the 'user task' modeling element using the details window of the user-task.

When you perform a process walkthrough of your process, you can show others the forms associated with an activity, giving them a fuller picture of the interfaces involved in completing a task.

Collaboration diagram

- Used to visualize the interactions between processes and external systems



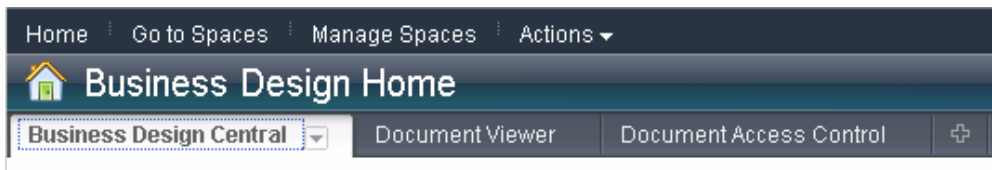
Collaboration diagrams are used to visualize the interactions between processes and external systems.

Pools are used to represent the different organizational units. In the example shown here, the Travel More agency is using an external service called BookIT, to make the actual reservation. A message is sent from Travel More agency using the Book Hotel service and a message is returned.

With this kind of diagram it is very easy to see where the boundaries and dependencies are in your business processes.

Document management

- Business Design Home space
 - Document Viewer
 - Search and view documents in the repository
 - Document Access Control
 - Manage access control for sharing between business spaces
 - Review request for edit access by another Business Design space
 - Grant and revoke edit access to a Business Design space
 - Add owners to a document



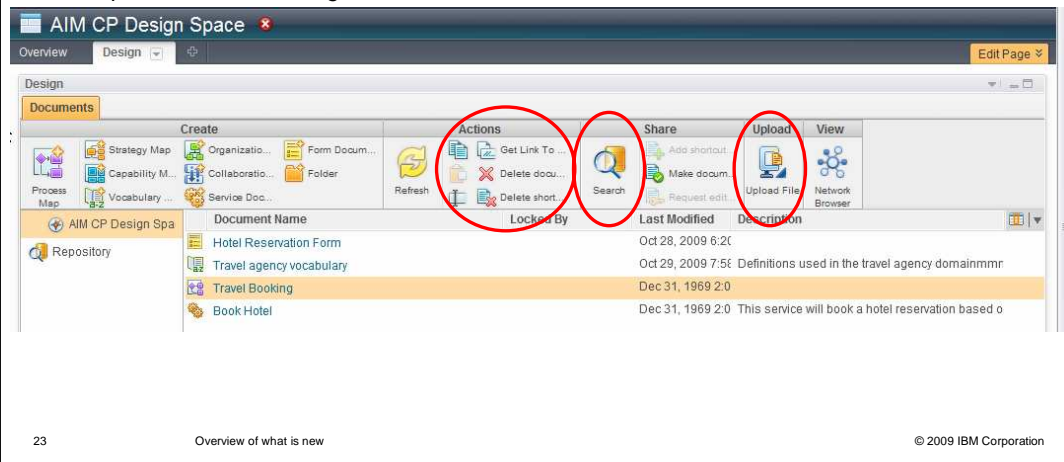
Being able to manage the documents is a key feature of WebSphere Business Compass. The management model is centered on the team. Anyone in the team associated with a given business space can view and edit any of the documents. Edit access is granted to the business design space and not to an individual.

If you want to share a document with another team or business space, you need explicitly make your document public. Public documents can be viewed by anyone.

If you find that you have a need to edit a public document, you need to make a specific request to the document owner. The owner can then grant edit authority to your business design space using the document access control page.

Document management: your space

- Your design space, Documents tab
 - Create new documents
 - Delete, rename, copy and paste
 - Search the repository and bring other documents into your space.
 - Upload *Business Design* documents



Document access is also managed within your business design space. Here you can search the repository for public documents that might be of interest to your project. Here you can create, delete, rename, copy, paste and delete shortcuts to public documents.

The search feature lets you search all public documents or just the documents in your space. The search can be filtered so you can search for specific document types.

You can export a document and all documents associated with it when you are viewing the document.

The upload button is used to import documents that have been saved in the business design format or from other systems such as WebSphere Integration Developer and BPM BlueWorks.

Summary

- Reviewing space
 - Review and comment of models published from WebSphere Business Modeler
- Business Design space
 - Define a business strategy using *strategy maps*.
 - Design a business structure using *capability maps*.
 - Design a process using *process maps* that are based on the Business Process Modeling Notation (BPMN) standard.
 - Visually represent how your processes collaborate with other internal and external processes.
 - Create and reuse a standard *business vocabulary* to store standard terms, roles, business items, and messages.
 - Build *service documents* to specify service operations that can be reused in process maps.
 - Construct *organization charts* to represent the structure of your business so that you can identify the process and capability-level responsibilities for different units within your organization.
 - Share, collaborate on, and re-use business design documents

IBM WebSphere Business Compass has two parts, the WebSphere Business Modeler Review space, and the Business Design space.

The WebSphere Business Modeler Review space adds publishing capabilities to WebSphere Business Modeler that provide a way for you to review business process models, dashboards, and form images using a Web browser.

The Business Design space provides a collaborative, Web-based environment for designing and building business strategy planning documents that visually represent your current business structure and processes.

Built on the Business Space BPM framework, the Business Design spaces exist in secure spaces where individual teams collaborate in the creation of documents related to a specific business solution. The solution can then be shared with or reused by other teams in their own solutions.



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