



# Business Process Integration in WebSphere Portal

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“So you want to increase efficiency and boost productivity. And you want to do it fast. Then you want...”

WebSphere Portal Version 6.0

# Agenda

- **Motivation: What is the value add of using portals as the UI for Workflows.**
- **Web Sphere Portal and Workflow**
- **Development of Process Integration Applications**
- **Deployment & Operation**
- **Summary**

# Motivation

# Alert

Launch ▾ Home > Welcome > [You have 1 pending task\(s\)](#)

Search:  [Search] [Add] [User] [Help] [Log Out]

Welcome | Getting Started | **Travel requests**

# Task List

My Tasks

Shows:

✓ 1 task(s) are successfully claimed.

Page 1 of 1 | Jump to page:

<input type="checkbox"/>	Task	Created	Description	Claimed	Details
<input type="checkbox"/>	<a href="#">bookFlight</a>	8/25/06 2:43:48 PM	Request to book a flight f...	✓	

Page 1 of 1 | Jump to page:

Home | Documents | Messaging | Site Map

# Task Page

Flight Book Page

Flight Book Portlet

**Travel Request:**

Employee: **Peter Employee**

Reason: Conference

Departure Date: 5.10.2002, 9:00 am

Origin Airport: Frankfurt

Destination Airport: New York

Airline: Lufthansa

Class: Economy

Origin airport (IATA code):

Destination airport (IATA code):

Airport selection list:

- Aalesund, Norway (AES)
- Aberdeen, Scotland, United Kingdom (ABZ)
- Aberdeen, SD, USA (ABR)
- Abu Dhabi, United Arab Emirates (AUH)

Departure date (yyyy/mm/dd):

Return date (yyyy/mm/dd):

Departure time (hh:mm):

Return time (hh:mm):

Seat Class: Economy

Airline:

Price: 0.0 \$

Flight Select Portlet

Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	Business	American	1,400.00
Departure: 2002/10/05, 07:30 - Return: 2002/10/10, 09:45		Airlines	\$
Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	Business	Swiss	1,400.00
Departure: 2002/10/05, 09:45 - Return: 2002/10/10, 19:05			\$
Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	Economy	Swiss	649.50\$
Departure: 2002/10/05, 19:05 - Return: 2002/10/08, 07:30			
Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	First Class	Air Pakistan	1,199.85
Departure: 2002/10/05, 09:45 - Return: 2002/10/08, 19:05			\$

Contact List Portlet

**Travel agency**

- ETUI
- SIKT

**Previous workers**

- Bob Manager
- Peter Employee

Related Documents Portlet

Already attached documents:

Document	Edit
ProcessLog 1083939693785	

Flight Book Page

**Flight Book Portlet**

**Travel Request:**

**Employee** ■ [Peter Employee](#)

**Reason** Conference

**Departure Date** 5.10.2002, 9:00 am

**Origin Airport** Frankfurt

**Destination Airport** New York

**Airline** Lufthansa

**Class** Economy

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Departure date (yyyy/mm/dd):

Return date (yyyy/mm/dd):

Departure time (hh:mm):

**Flight Select Portlet**

Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	Business	American Airlines	1,400.00 \$
Departure: 2002/10/05, 07:30 - Return: 2002/10/10, 09:45			
Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	Business	Swiss	1,400.00 \$
Departure: 2002/10/05, 09:45 - Return: 2002/10/10, 19:05			
Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	Economy	Swiss	649.50 \$
Departure: 2002/10/05, 19:05 - Return: 2002/10/08, 07:30			
Frankfurt, Germany (FRA) to New York City, NY, USA (JRA)	First Class	Air Pakistan	1,199.85 \$
Departure: 2002/10/05, 09:45 - Return: 2002/10/08, 19:05			

**Contact List Portlet**

**Travel agency**

- [ETUI](#)
- [SIXT](#)

**Previous workers**

- [Bob Manager](#)
- [Peter Employee](#)

**Process starter**

Related Documents Portlet

Already attached documents:

Document	Edit
ProcessLog 1083939693785	

**Task Processing Portlet**

**Supporting Portlet**

Create New Employee -- WebSphere Portlet Factory

EMPNO	000030
FIRSTNME	Heather
LASTNAME	Reed
WORKDEPT	INFORMATION CENTER
HIREDATE	04/28/2006
JOB	MANAGER

[edit](#)

Current Task

**DSL Bring On Board**  
Application name

[Complete Step](#)

Name:  
**Heather Reed**

Current Task:  
**Enter New employee details on HRSS**

Task Processing  
Portlet

Related Content

Click the Add Content button to add new content to this Workflow

[Add Content...](#)

[Name](#) [Owner](#) [Last Date Modified](#)

Supporting  
Portlets

# Message

- WebSphere Portal presents Human Tasks within processes to the right people at the right time.
- Any information and any applications required to process a task are presented **in context** to the user at once in an uniform user experience.
- Users are not distracted by a multitude of function and data that is irrelevant to their particular task.
- WebSphere Portal leverages business processes to their full potential as people can process their tasks in the most efficient way.

# Workflow in WebSphere Portal



# Workflow in WebSphere Portal

## Business User Workflow

Out of the box experience that allows **business users** to create document, forms, and collaboration centric workflows for their department/ line of business **without help** from their IT department. The focus is on Workflow as a system for coordinated collaboration empowering people working together on a business process.

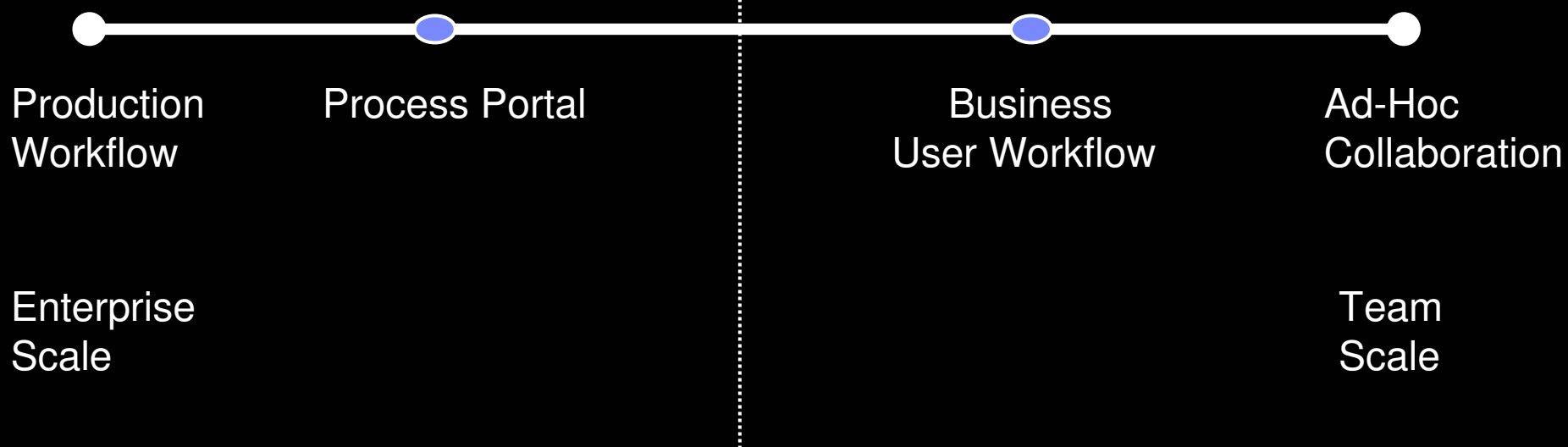
## Process Server – Portal Integration

Portal as the user interface for human tasks and SCA (Service Component Architecture) services hosted by WebSphere Process Server. The focus is on process automation, System integration and more sophisticated and rigid data handling in an transactional environment.

# SOA Process Portal vs. Business User Workflow

Enterprise IT

Line of Business

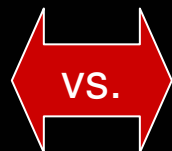
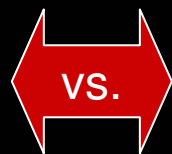
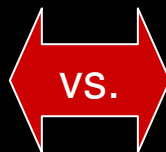


# Business User Workflow Demo

- [Click here](#)

## Use BUWF when...

- you want to run collaborative, user facing Workflows
- You are operating on unstructured data (e.g. documents) best read by humans
- you want your business users to create and/or customize your WFs

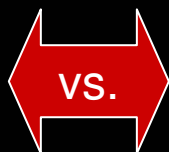


## Use WPS-based SOA Process Portal when...

- you implement core, mission critical processes typically
- you are operating on structured data best read by machines
- You need central control of all your workflows
  - workflow implementation is owned by your IT department
  - There a quality and spec compliance guidelines for your workflows

## Use BUWF when...

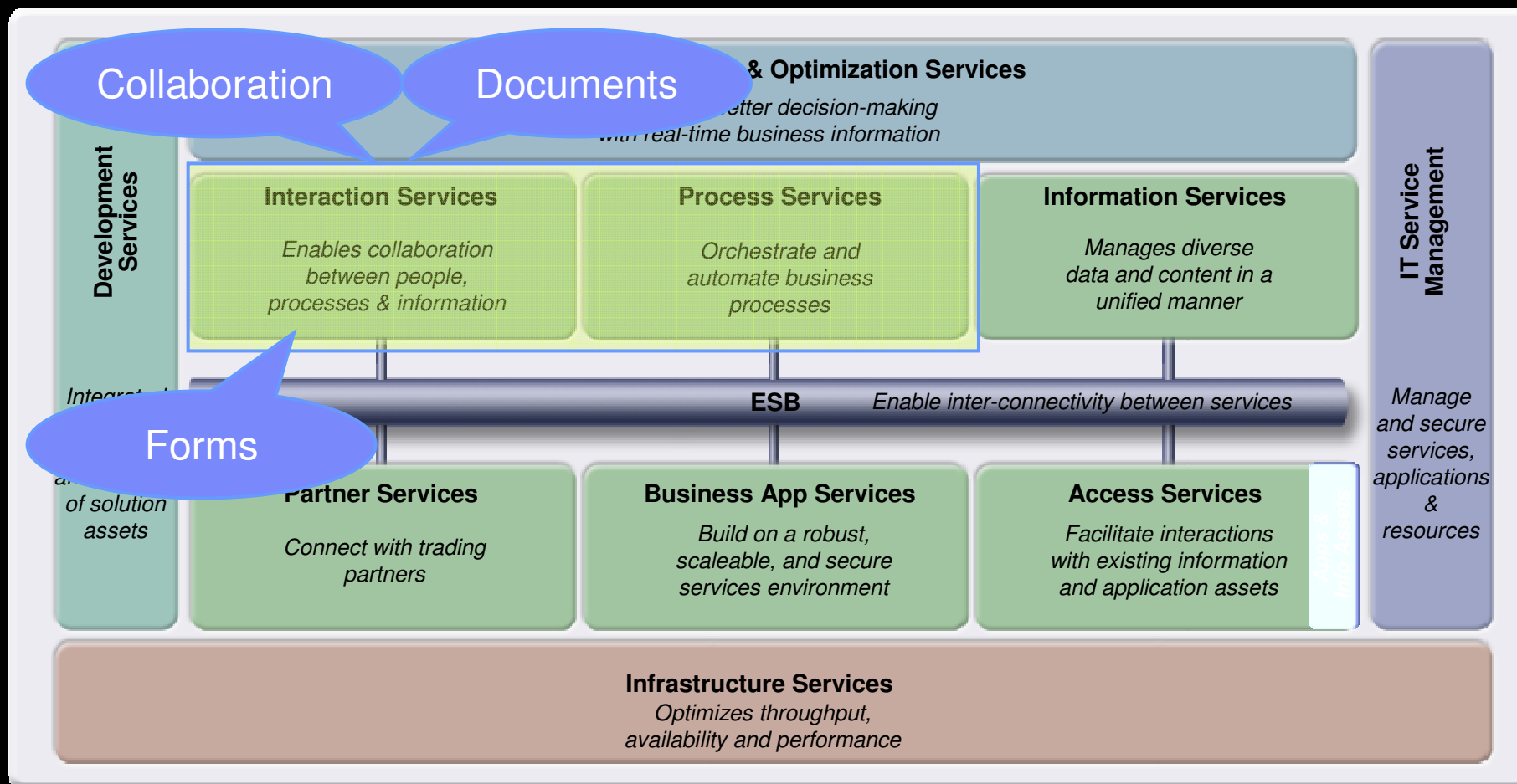
- **focus on human interaction. simplicity and easy customization**



## Use WPS-based SOA Process Portal when...

- **you focus on Application integration and Service Choreography**
- **You need the full feature set supported by WPS**
  - you need parallel processing
  - you need the full flexibility of BPEL
  - ...

# Business Process Integration and SOA

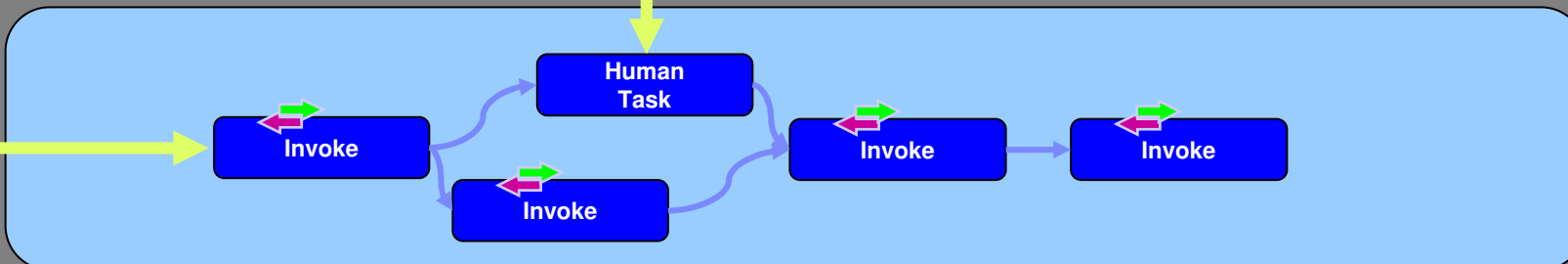


# Business Process Integration and SOA

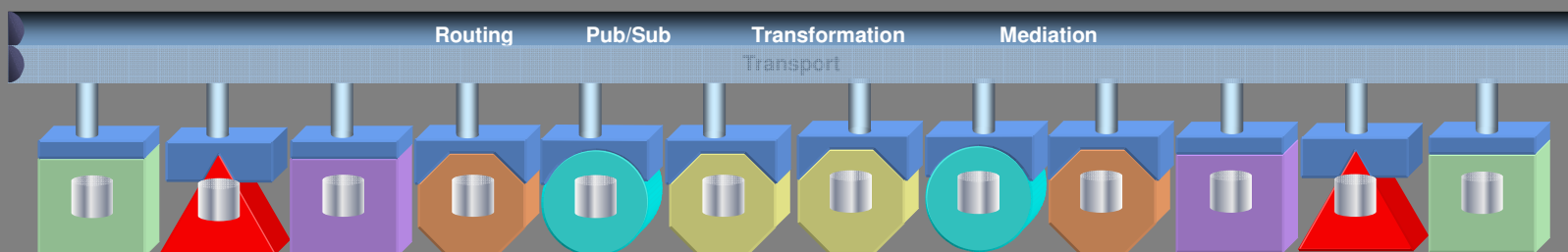
## WebSphere Portal



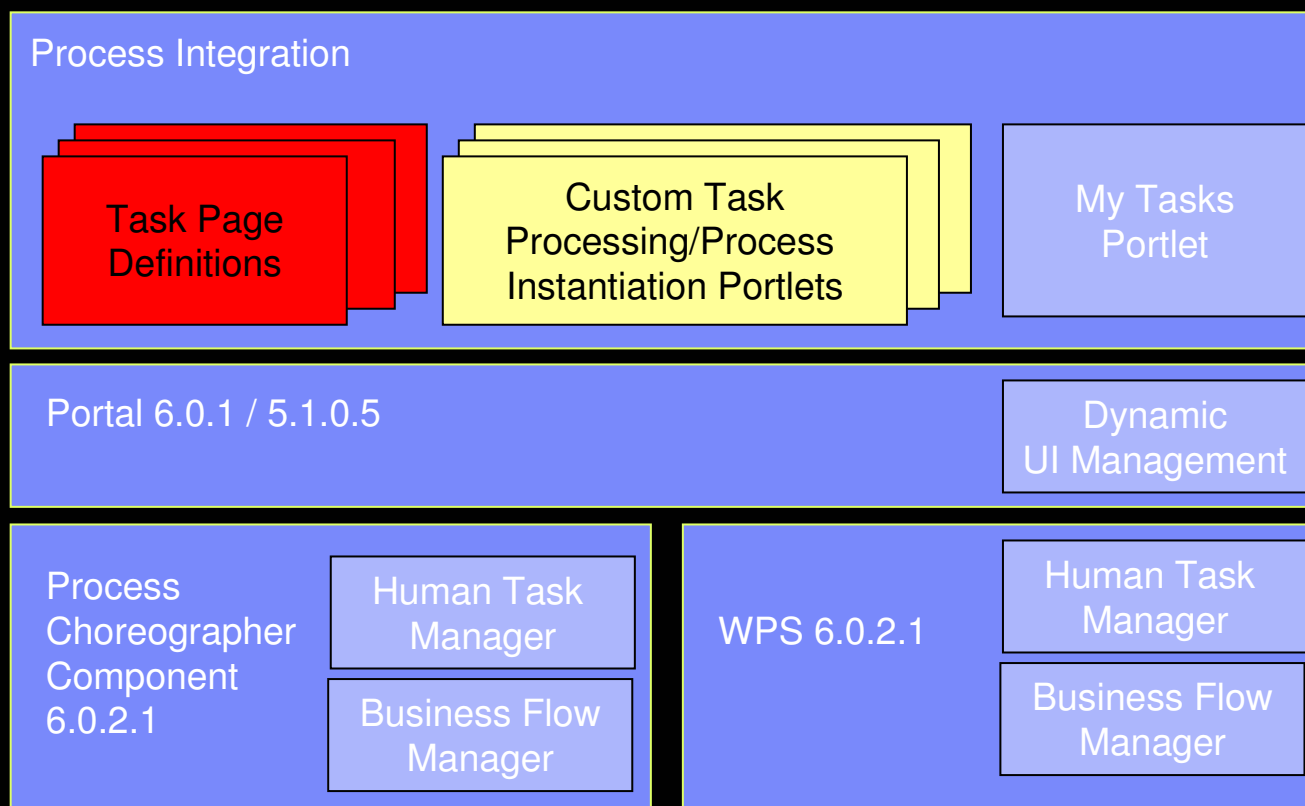
## Service Orchestration and Choreography



## Services



# Platform and Services Stack for Process Integration





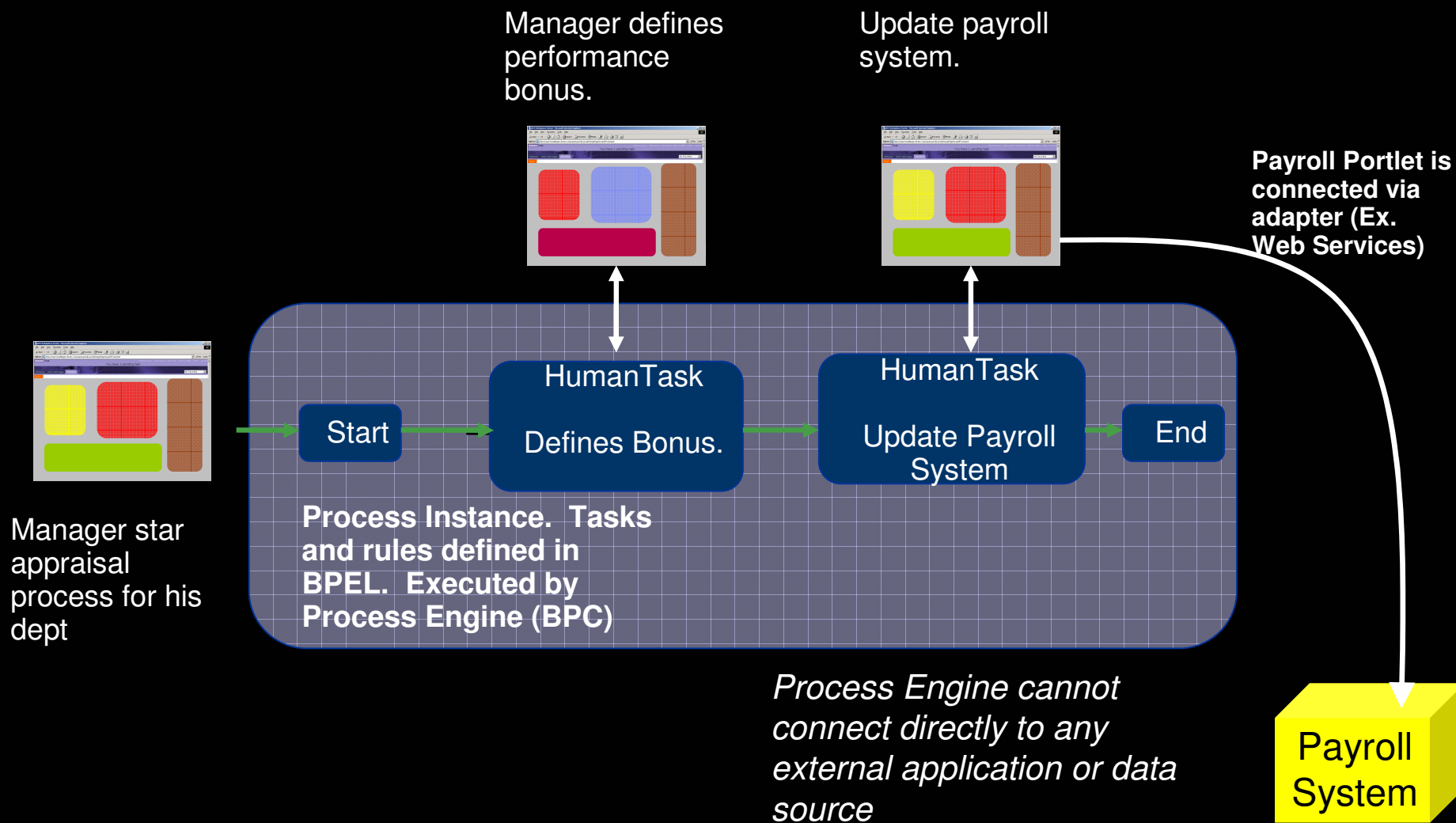
# Out of the box components

	BUW	Process Portal
Task List	✓	✓
Task Processing Portlet	✓	✗
Supporting Portlet	Related Documents	✗
Portlet based workflow builder	✓	✗
Process Initiation Portlet	✓	✗
WMM Staff Plugin		✓

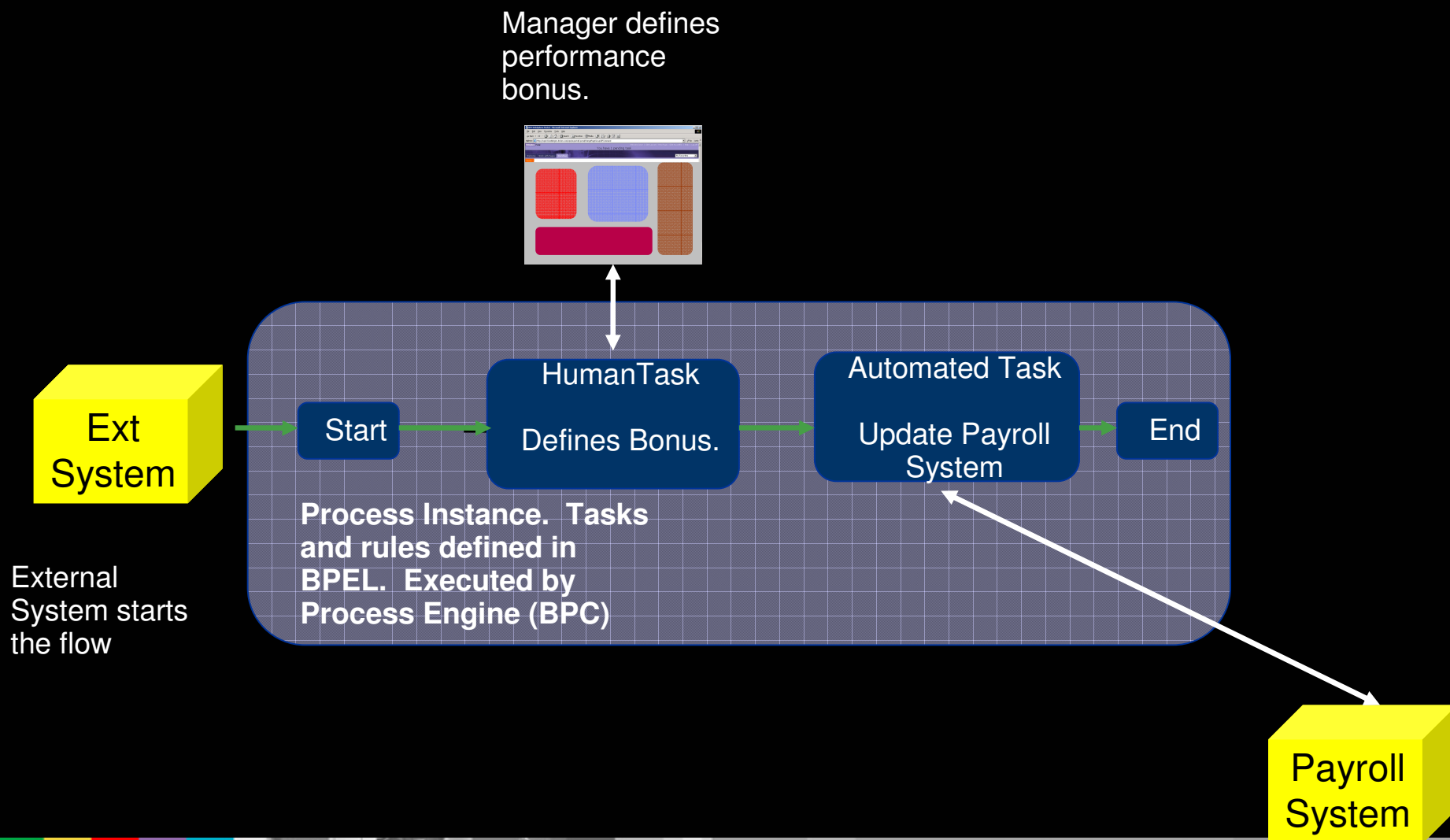
# WebSphere Portal Licensing

- WS Portal Enable/Extend delivers the value of improving the effectiveness of human to human tasks with restricted license of Process Choreographer
- The Process choreographer installed as part of portal provides only core functionality to run business processes and does **not** include WPS only features like
  - **Business State Machines**
  - **Business Rules**
  - **Interface Maps**
  - **Business Object Maps**
  - **Relationship Services**
  - **Dynamic Service Selection**
  - **Failed Event Handling**

# Scenario 1: No WebSphere Process Server License



# Scenario 2: WebSphere Process Server License Required



External System starts the flow

# Supported Product Combinations

Portal	Process Server	WBI-SF
<b>5.1.0.3</b>	<b>6.0.1.1 + 6.0.1.x</b>	<b>5.1.1.3</b>
<b>5.1.0.4</b>	<b>6.0.1.3 + 6.0.1.x</b>	<b>5.1.1.5</b>
<b>6.0</b>	<b>6.0.1.1 + 6.0.1.x</b>	
<b>6.0.0.1</b>	<b>6.0.1.3 + 6.0.1.x</b>	
<b>6.0.1</b>	<b>6.0.2 + 6.0.2.x</b>	
<b>6.0.1.1</b>	<b>6.0.2.1 + 6.0.2.x</b>	

Cm = Compatibility mode. Only features supported in initial release are supported. Not new ones.

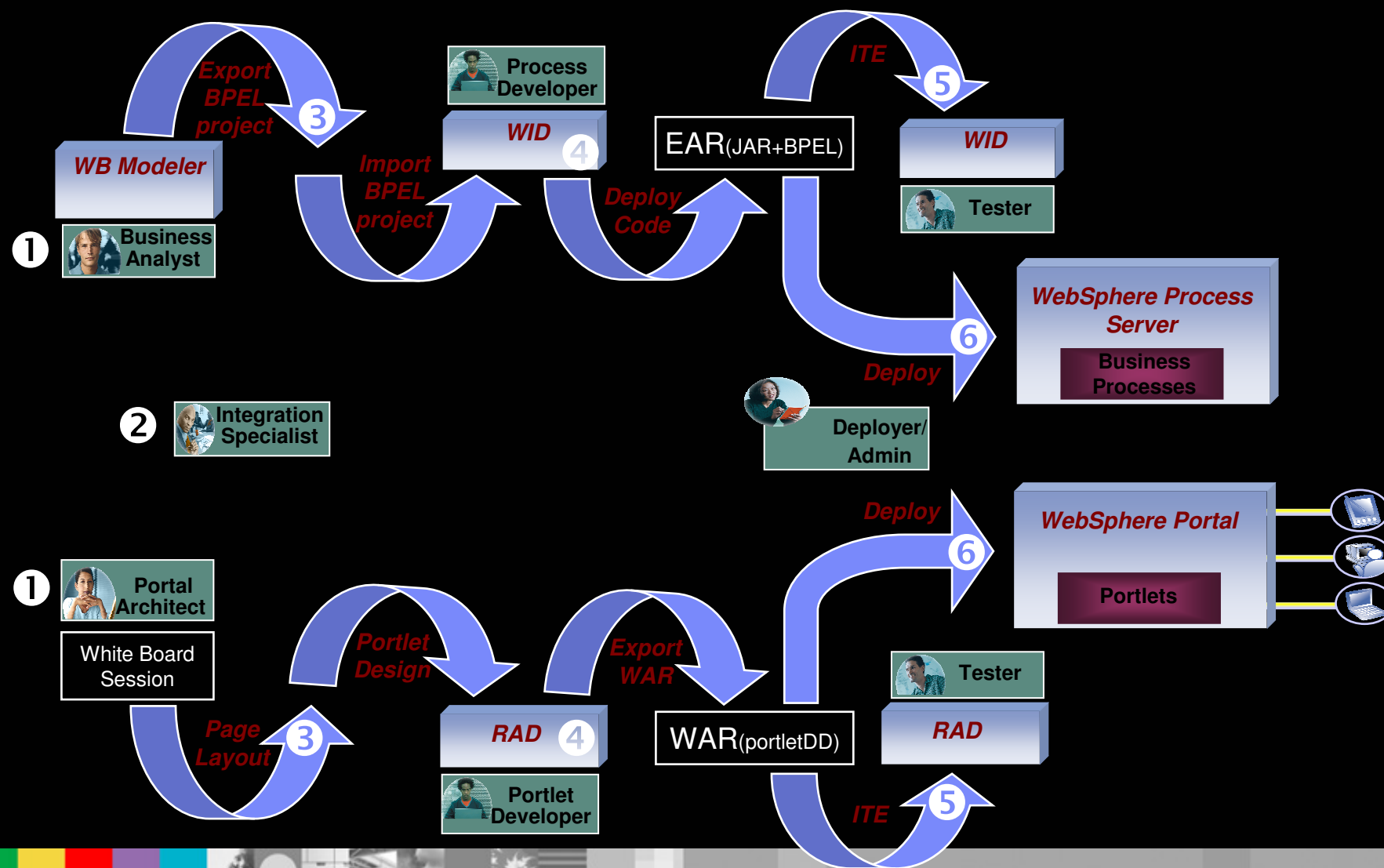
Note: Make always sure to check supported software for the OS Version you want to use for WP and WPS.

# Development of Process Integration Applications

# Levels of Process Integration

Level	Flow Orchestration	Task Notification	Task Completion	UI for conditional routing related data	UI for backend related data	Backend state updates
0	All participants need to know the flow and coordinate themselves	Mail, Phone, IM	Informal: Current worker notifies next worker to start.	n/ a	Dedicated Portlet	Dedicated Portlet
1	Business Process	Task List	Task Processing Portlet	Task Processing Portlet	Dedicated Portlet used as supporting portlet	Dedicated Portlet
2	Business Process	Task List	Task Processing Portlet	Task Processing Portlet	Task Processing Portlet	Business Process

# Process Portal Methodology





# Developing the business process

- Within the BPEL editor, click the staff activity for which the Client UI Identifier should be defined for (i.e. approveRequest).
- Click the link in the details view or select open.

The screenshot displays the BPEL Editor interface for a process named 'TravelRequestProcess1'. The main workspace shows a flowchart with the following elements: an 'Input' activity, a staff activity 'approveRequest' (highlighted with a red box), a 'JavaSnippet\_1' activity, a 'bookFlight' staff activity, another 'JavaSnippet' activity, and an 'Output' activity. The 'approveRequest' activity is connected to 'bookFlight' and 'JavaSnippet', which both lead to the 'Output' activity.

The 'Properties' view at the bottom shows the configuration for the 'approveRequest' activity:

- Description:** approveRequest
- Details:** The Staff Action is implemented by a Human Task.
- Human Task:** [approveRequestTask](#) (with 'Open...' and 'Remove' buttons)
- Use Data Type Variables
- Request:** input (highlighted with a red box, with a 'Browse...' button)
- Response:** approvalStatus (with a 'Browse...' button)

# Developing the business process

- Add a portal client entry to the Client Settings by clicking the according icon.
- Define the values in the Portal Client view below.

The screenshot displays the IBM WebSphere Integration Developer interface. The main window shows the configuration for a human task named 'approveRequestTask'. The 'Client settings' section is expanded, and a 'Portal Client' entry is highlighted with a red box. Below this, the 'Properties' window is open, showing the configuration for the selected 'Portal Client'. The 'Client type' is set to 'Portal Client'. The 'Unique name' is 'wps.approvalpage', and the 'Type' is 'Page Definition'. Both the 'Unique name' and 'Type' fields are highlighted with red boxes.

IBM WebSphere Integration Developer - approveRequestTask

Human task: approveRequestTask

Receiver settings: Staff settings, Potential Owner

Client settings: Portal Client

Escalation settings: Ready, Claimed, Subtask

Properties: Portal Client

Client type: Portal Client

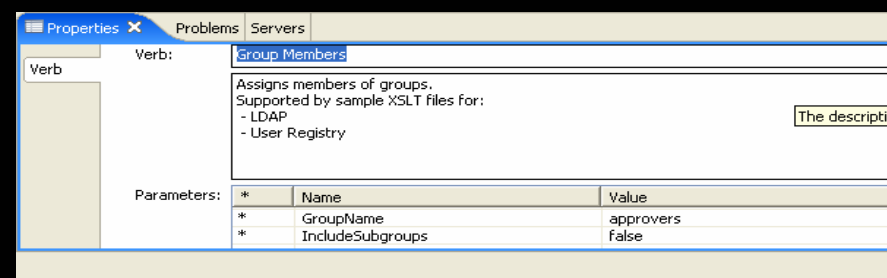
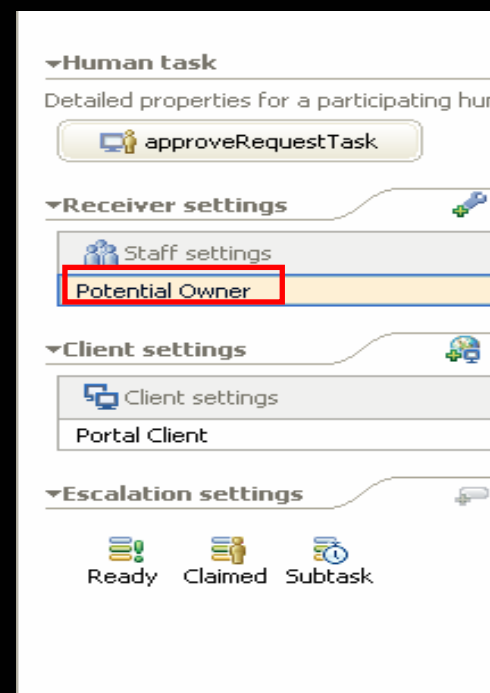
Unique name: wps.approvalpage

Type: Page Definition

# Developing the business process

## Defining the staff verbs

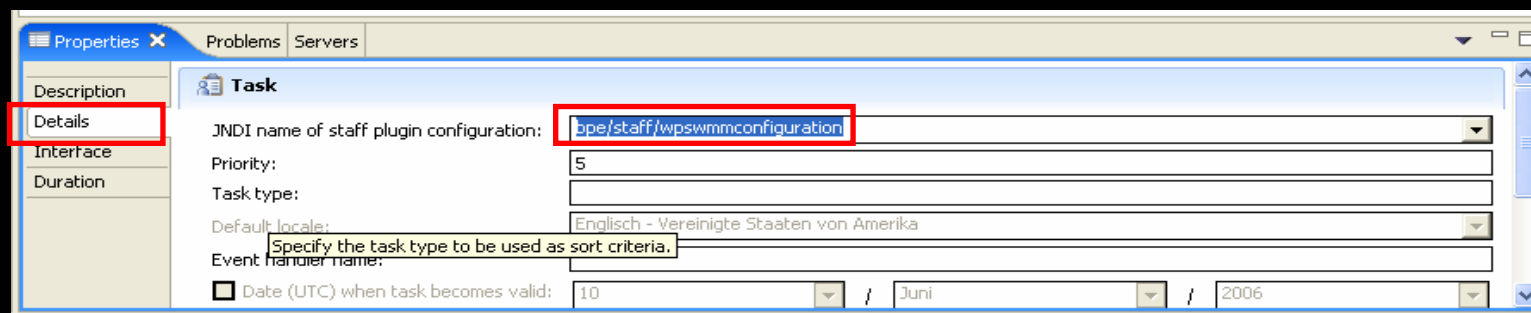
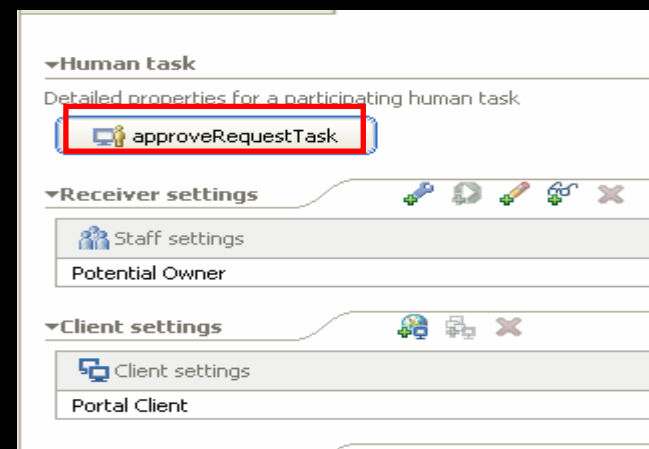
- **Click the Potential Owner entry in Staff settings.**
- **Select Group Members as verb.**
- **Enter the name of the group to be used (i.e. approvers in our sample) and select false from the drop down list describing the IncludeSubgroups property.**



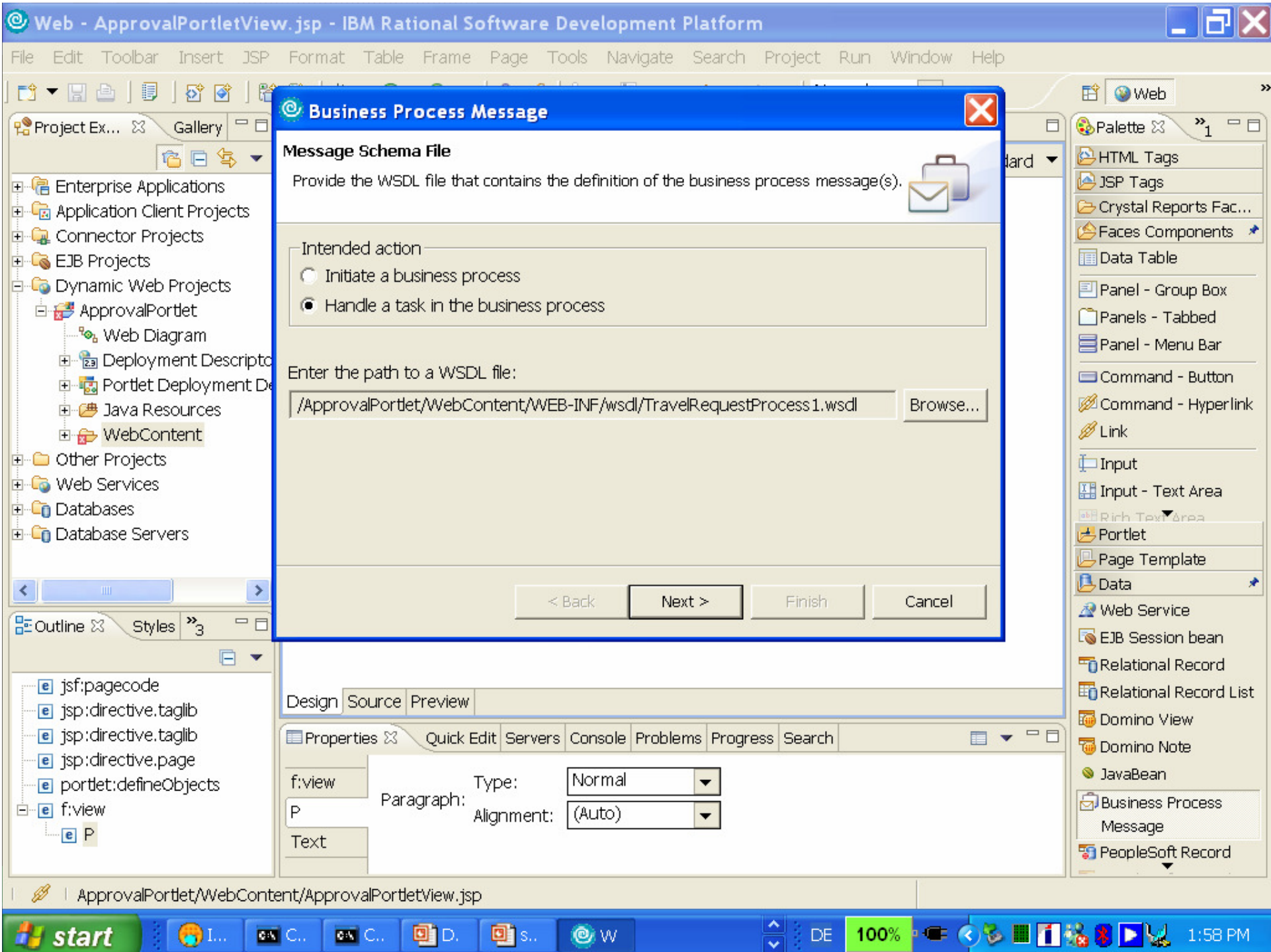
# Developing the business process

## Defining the staff plugin

- Click on the task icon in the Human Task Editor
- Chose Details from the context menu appearing.
- Define the JNDI name of staff plug-in configuration, i.e. `bpe/staff/wpswmmconfiguration`.



# Developing process based portal applications : Portlet Development



Web - ApprovalPortletView.jsp - IBM Rational Software Development Platform

File Edit Toolbar Insert JSP Format Table Frame Page Tools Navigate Search Project Run Window Help

Project Explorer Gallery

- Enterprise Applications
- Application Client Projects
- Connector Projects
- EJB Projects
- Dynamic Web Projects
  - ApprovalPortlet
    - Web Diagram
    - Deployment Descriptors
    - Portlet Deployment Descriptors
    - Java Resources
    - WebContent
- Other Projects
- Web Services
- Databases
- Database Servers

Business Process Message

Message Selection

Select the input and/or output message to process.

Port types:

- TravelRequestProcess
- TravelRequestProcessStaff
  - ApproveRequest
    - input
    - output
  - BookFlight

Message details:

- travelRequestInput
  - CarReservation
  - FlightReservation
  - Destination
  - Requestor
  - StartDate
  - Reason
  - ID

< Back Next > Finish Cancel

Outline Styles

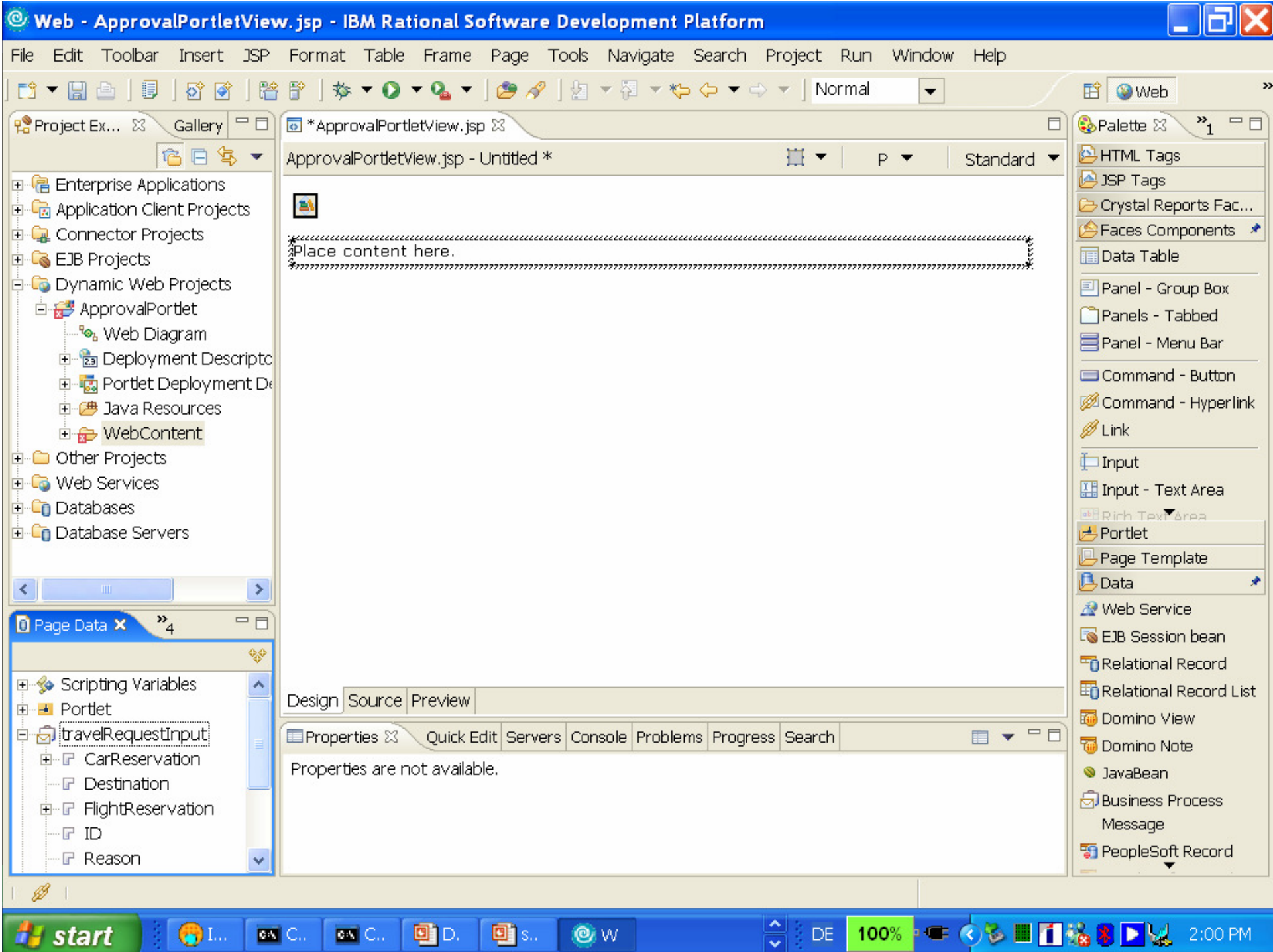
- jsf:pagecode
- jsp:directive.taglib
- jsp:directive.taglib
- jsp:directive.page
- portlet:defineObjects
- f:view
  - P

Properties Quick Edit Servers Console Problems Progress Search

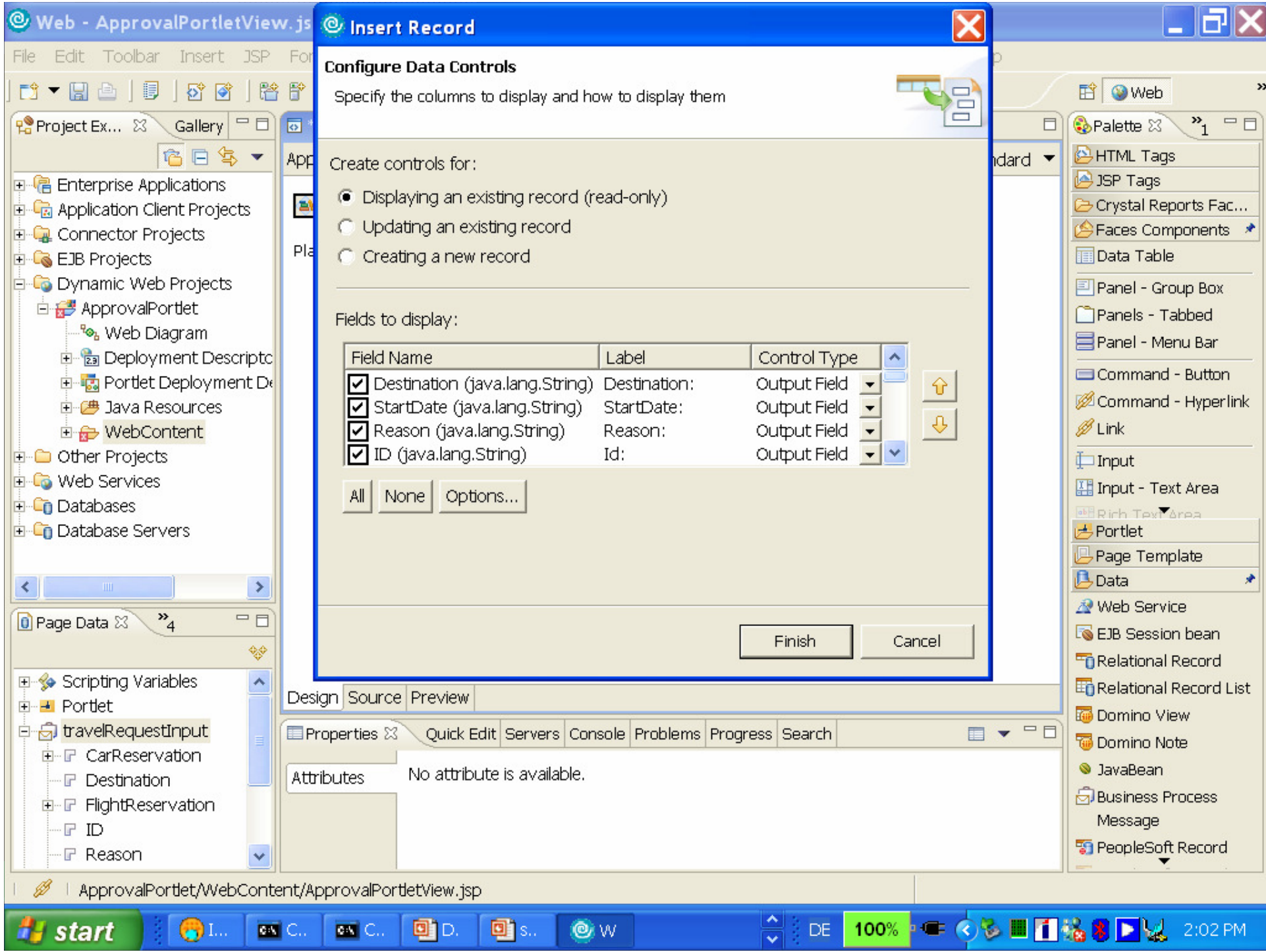
f:view Paragraph: Type: Normal Alignment: (Auto)

ApprovalPortlet/WebContent/ApprovalPortletView.jsp

start I... C.. C.. D. s.. W DE 100% 1:59 PM







Project Explorer

- Enterprise Applications
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    - Portlet Deployment D
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- Database Servers

Page Data

- Scripting Variables
- Portlet
- travelRequestInput
  - CarReservation
  - Destination
  - FlightReservation
  - ID
  - Reason

ApprovalPortletView.jsp - Untitled

Place content here.

Destination:	{Destination}abc
StartDate:	{StartDate}abc
Reason:	{Reason}abc
Id:	{ID}abc
FlightReservation.id:	{id}abc
FlightReservation.startdate:	{startdate}abc
FlightReservation.starttime:	{starttime}abc
FlightReservation.enddate:	{enddate}abc
FlightReservation.endtime:	{endtime}abc
Sourceairport:	{sourceairport}abc
Destinationairport:	{destinationairport}abc
Airline:	{airline}abc
Seatclass:	{seatclass}abc
FlightReservation.price:	{price}abc
<b>{Error Messages}</b>	

Design Source Preview

Palette

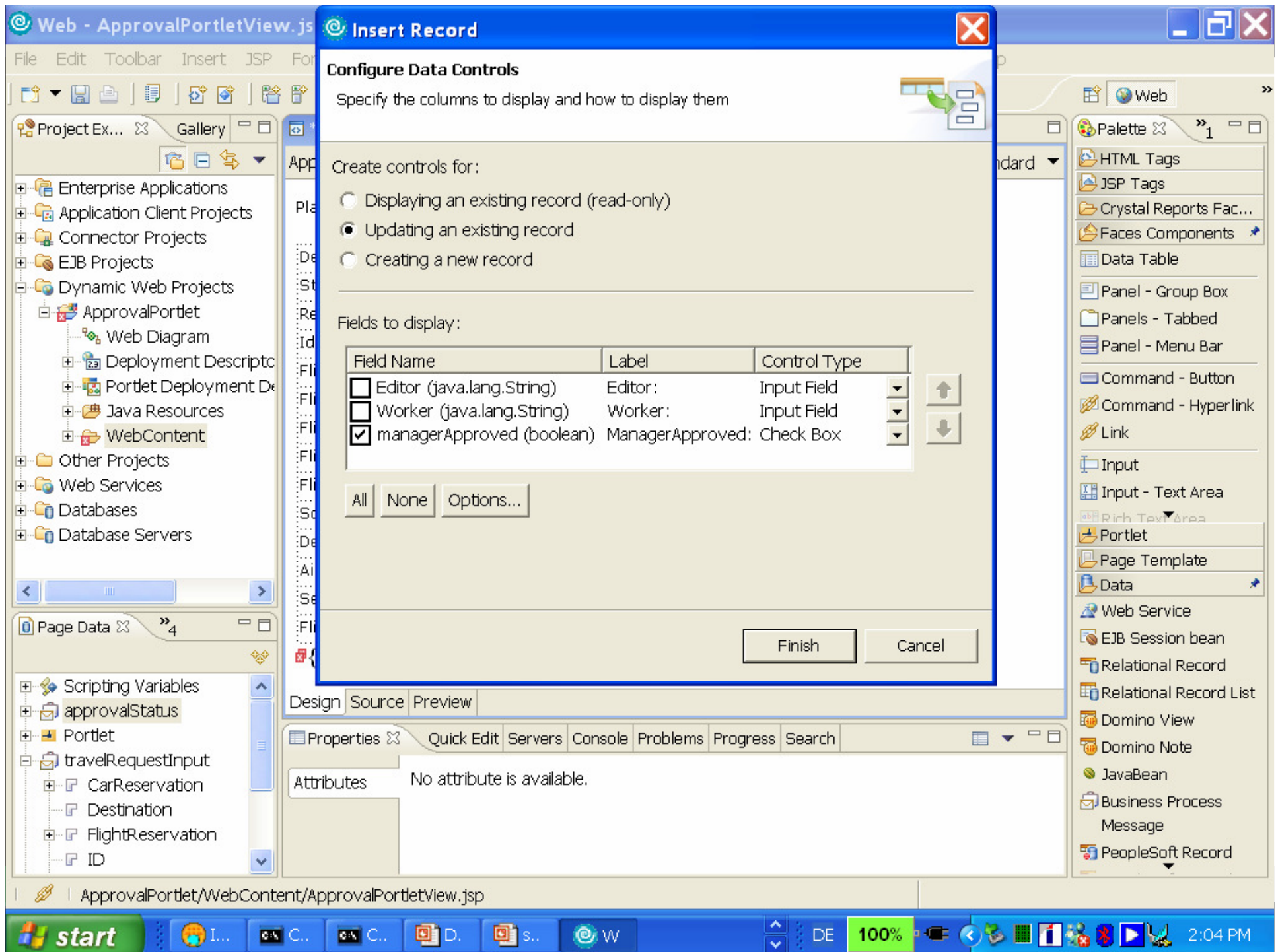
- HTML Tags
- JSP Tags
- Crystal Reports Fac...
- Faces Components
- Data Table
- Panel - Group Box
- Panels - Tabbed
- Panel - Menu Bar
- Command - Button
- Command - Hyperlink
- Link
- Input
- Input - Text Area
- Rich Text Area
- Portlet
- Page Template
- Data
- Web Service
- EJB Session bean
- Relational Record
- Relational Record List
- Domino View
- Domino Note
- JavaBean
- Business Process Message
- PeopleSoft Record

Properties

Quick Edit Servers Console Problems Progress Search

f:view No attributes to display.

hx:scriptCollector



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Page Data

- Scripting Variables
- approvalStatus
- Portlet
- travelRequestInput
- Faces Managed Beans
- Actions
  - processTask()

ApprovalPortletView.jsp - Untitled

Reason:	{Reason}abc
Id:	{ID}abc
FlightReservation.id:	{id}abc
FlightReservation.startdate:	{startdate}abc
FlightReservation.starttime:	{starttime}abc
FlightReservation.enddate:	{enddate}abc
FlightReservation.endtime:	{endtime}abc
Sourceairport:	{sourceairport}abc
Destinationairport:	{destinationairport}abc
Airline:	{airline}abc
Seatclass:	{seatclass}abc
FlightReservation.price:	{price}abc

{Error Messages}

ManagerApproved:

{Error Messages}

Submit Delete

Design Source Preview

Palette

- HTML Tags
- JSP Tags
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- Faces Components
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Properties Quick Edit Servers Console Problems Progress Search

Quick Edit [hx:commandExButton] - java

Insert a code snippet or write your script here

- Commar
- onblur
- onchang



Project Explorer

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  - processTask()

ApprovalPortletView.jsp - Untitled

Reason:	{Reason}abc
Id:	{ID}abc
FlightReservation.id:	{id}abc
FlightReservation.startdate:	{startdate}abc
FlightReservation.starttime:	{starttime}abc
FlightReservation.enddate:	{enddate}abc
FlightReservation.endtime:	{endtime}abc
Sourceairport:	{sourceairport}abc
Destinationairport:	{destinationairport}abc
Airline:	{airline}abc
Seatclass:	{seatclass}abc
FlightReservation.price:	{price}abc

{Error Messages}

ManagerApproved:

{Error Messages}

Submit Delete

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Properties Quick Edit Servers Console Problems Progress Search

Quick Edit [hx:commandExButton] - java

```

ActionRequest request = (ActionRequest)
    .getExternalContext().getReques
ActionResponse response = (ActionRespon
  
```

# Product relationships and combinations

Product	UTE
<b>RAD 6.0.x</b>	<b>Portal 5.1.0.x</b>
<b>WID 6.0.x</b>	<b>WPS 6.0.x</b>
<b>RAD 7</b>	<b>Portal 6.0 (BPC 6.0.1 : Not enabled per default)</b>

# Developing process based portal applications : Task Pages

# Designing a task page: Planned Layout

### FlightBook Portlet (JSR)

**Travel Request:**

**Employee:** Peter Employee  
**Reason:** Conference  
**Departure date:** 25.08.2006, 9:00 am  
**Origin airport:** Frankfurt  
**Destination airport:** New York  
**Airline:** Lufthansa  
**Class:** Economy

Origin airport (IATA code):

Destination airport (IATA code):

Airport selection list:

- Aalesund, Norway (AES)
- Aberdeen, Scotland, United Kingdom (ABZ)
- Aberdeen, SD, USA (ABR)
- Abu Dhabi, United Arab Emirates (AUH)

Departure date (yyyy/mm/dd):

Return date (yyyy/mm/dd):

Departure time (hh:mm):

Return time (hh:mm):

Seat Class:

Airline:

Price:

### FlightSelect Portlet (JSR)

<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 09:45	Business	Lufthansa	799.90\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 09:45 - Return: 2006/08/29, 19:05	First Class	American Airlines	1,350.00\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 09:45 - Return: 2006/08/27, 07:30	First Class	British Airways	2,100.00\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/30, 19:05	Economy	Air France	450.00\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 07:30	Business	American Airlines	799.90\$



IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9M5SzPy8xBz9CP0os\_jQMEu3QB9P...

Getting Started Latest Headlines IBM LEO Deutsch-Englisch... IBM WebSphere Portal

Launch Administration > WebSphere Portal > Portal User Interface > Manage Pages > Search: All Sources Log Out

WebSphere Portal

- Welcome
- Portal User Interface
  - Manage Pages
  - Themes and Skins
- Portlet Management
  - Web Modules
  - Applications
  - Portlets
  - Web Services
  - Web Clipping
- Access
  - Users and Groups
  - Resource Permissions
  - User and Group Permissions
  - Credential Vault
  - Resource Policies
- Portal Settings
  - Global Settings
  - URL Mapping
  - Custom Unique Names
  - Supported Markups
  - Supported Clients
  - Import XML
- Portal Content
  - Document Libraries
  - Web Content Libraries
  - Syndicators
  - Subscribers
- Search Administration
- Done

Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and urls. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help.

Search by: Title starts with Search: Search

Select Page > Content Root

Pages in Content Root Add, Edit, Delete, and Reorder pages

New Page New Label

Title	Unique name	Status	
<a href="#">Home</a>	ibm.portal.Home	Active	
<a href="#">Administration</a>	ibm.portal.Administration	Active	
<a href="#">News</a>	ibm.portal.News	Active	
<a href="#">Personalization Picker</a>	ibm.portal.Personalization.Picker	Active	
<a href="#">Documents</a>	ibm.portal.Documents	Active	
<a href="#">Groups Viewer</a>	ibm.portal.Groups.Viewer	Active	
<a href="#">People Finder</a>	ibm.portal.People.Finder	Active	
<a href="#">My Tasks</a>	ibm.portal.MyTasks.Label	Active	
<a href="#">Task Page Definitions</a>	ibm.portal.TaskPageDefinition	Active	
<a href="#">Person Tag</a>	ibm.portal.Person.Tag	Active	

Page 1 of 4 Jump to page: 1

Page 1 of 4 Jump to page: 1

2 Errors

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9M5SzPy8xBz9CP0os\_jQMEu3QB9Pi

Getting Started Latest Headlines IBM LEO Deutsch-Englisch... IBM WebSphere Portal

Launch Administration > WebSphere Portal > Portal User Interface > Manage Pages > Search: All Sources Log Out

WebSphere Portal

- Welcome
- Portal User Interface
  - Manage Pages
  - Themes and Skins
- Portlet Management
  - Web Modules
  - Applications
  - Portlets
  - Web Services
  - Web Clipping
- Access
  - Users and Groups
  - Resource Permissions
  - User and Group Permissions
  - Credential Vault
  - Resource Policies
- Portal Settings
  - Global Settings
  - URL Mapping
  - Custom Unique Names
  - Supported Markups
  - Supported Clients
  - Import XML
- Portal Content
  - Document Libraries
  - Web Content Libraries
  - Syndicators
  - Subscribers
- Search Administration

Done

### Manage Pages

Use the controls below to work with your pages. Browse or search for pages to work with. Click New to create new pages, labels and urls. Activate and deactivate pages, re-order, edit properties and layout, move, export, assign permissions and delete pages. For more information, click Help.

Search by: Title starts with Search: Search

Select Page > Content Root > Task Page Definitions

Pages in Task Page Definitions Add, Edit, Delete, and Reorder pages

\* New Page \* New Label \* New URL

Title	Unique name	Status	
<a href="#">Approval</a>	wps.ApprovePage	Active	▼ [edit] [copy] [paste] [delete]
<a href="#">Flight booking</a>	wps.FlightBookPage	Active	▲ [edit] [copy] [paste] [delete]

Page 1 of 1

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9M5SzPy8xBz9CP0os\_jQMEu3QB9P...

Getting Started Latest Headlines IBM LEO Deutsch-Englisch... IBM WebSphere Portal

Launch

Content Appearance Locks Wires

Edit Layout

Edit Layout allows you to add and arrange portlets, columns and rows. You can also remove portlets, columns and rows. Modifications occur as you make them.

Page title: Flight booking

Show Portlet Rule Mappings

FlightBook Portlet (JSR) FlightSelect Portlet (JSR)

+ Add portlets

Transferring data from mywps085.boeblingen.de.ibm.com...



# Workplace Forms and Business Process Integration

Workplace Forms can be used in combination with business processes in many different ways. Two interesting scenarios are:

1. A workplace form is used solely as the UI for tasks of a business process that operates on well defined in/output messages.
2. A workplace form is used not only as the UI but also as the data container for all relevant data used by the business process.

# Workplace Forms

http://mywps085.boeblingen.de.ibm.com:10038 - IBM WebSphere Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Launch My Tasks > My Tasks > CreditApproval > You have 1 pending task(s)

Search: All Sources Log Out

My Tasks

CreditApproval

CreditApprovalPortlet

**Credit Request** SUBMIT

Date of Request: August 28, 2006

**Requestor Information**

Name:	Juergen Schaeck	Phone:	( ) -
Company:	IBM	Ext:	
Address:	My Street 23 37483 MyTown	Fax:	( ) -
		E-Mail:	jschaeck@de.ibm.com

**Credit Details**

Amount: 16000.00

The following fields should be left out by the requestor

Decision: **Approved**  **Not Approved**

Signature: Mr. Smith

**Comments**

Done Internet

The approver adds the required fields to the form instance and submits

# Deployment & Operation

## Process Support in Portal

Since process support requires access of the process/human task engine, it will only be available if:

- Portal is installed on top of the Business Process Choreographer (either as part of Portal 6.0.1 or WebSphere Process Server 6.0.2)
- The client option of WebSphere Process Server to connect to a remote Business Process Choreographer installation.

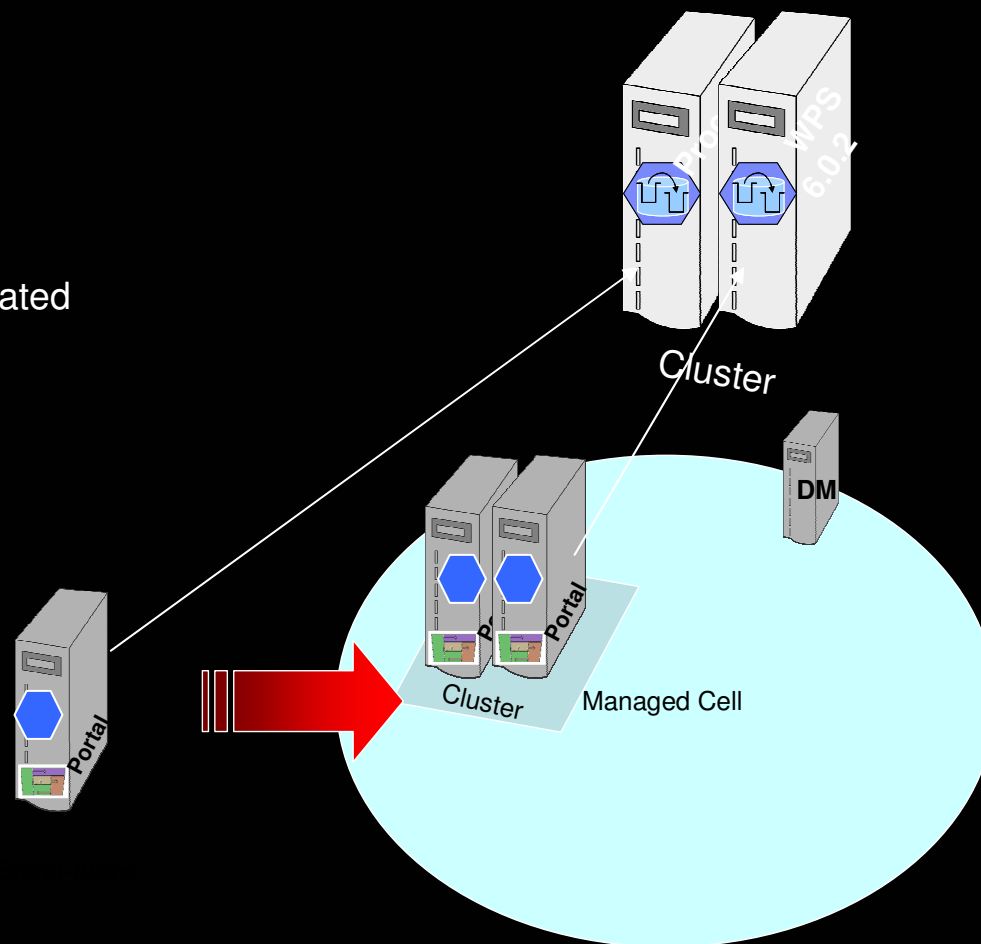
**Note:** Installing WebSphere Process Server on top of an existing portal server Installation is not supported with the exception of the **client** functionality.



# Proposed setup for Portal 6.0.1

Portal is connected via WPS Client Option and not full installation as in the past.

Decoupling also provides advantages in later Cluster setup, i.e secondary nodes can be created from a standalone profile too.



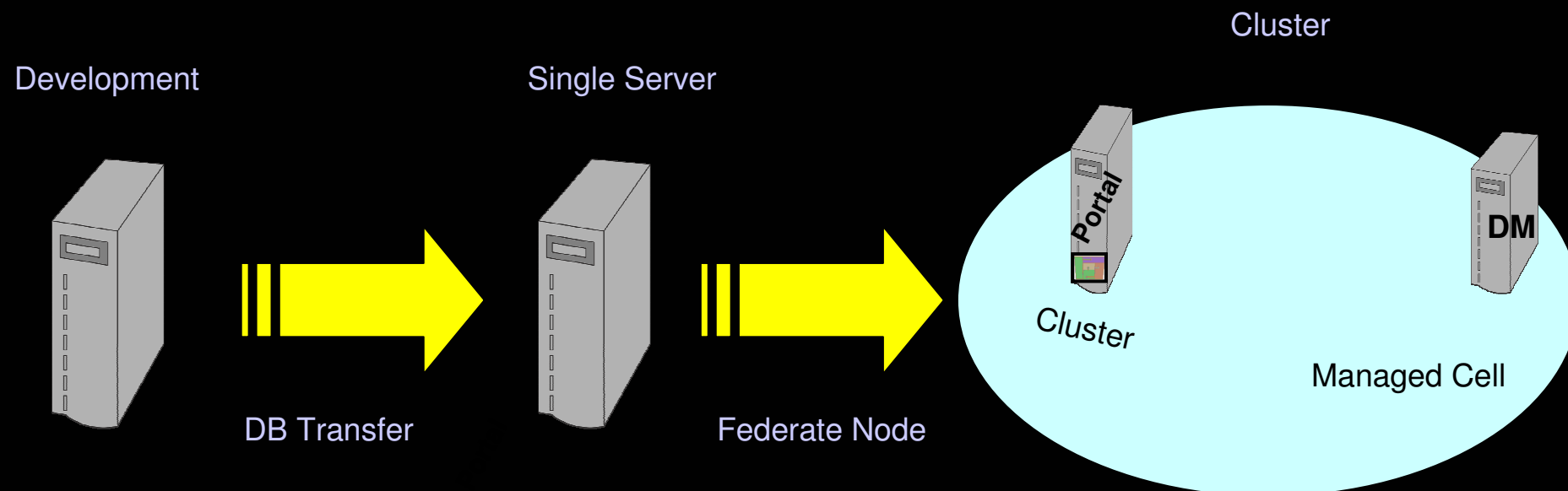
# Deployment Scenarios

- **Development System**
  - Single Machine setup for development purposes
  - Never extended to a different system
  - Using only cloudscape DB
  
- **Single Server System**
  - Easy setup on minimal hardware for use as pilot or production system
  - If the pilot is successful, it has to be possible to turn this system into a production system
  - A production grade DB has to be used
  
- **Cluster System**
  - Needs to support scalability through clustering
  - If the business requirements increase, it must be possible to turn this into a HA system.
  
- **High Available System**
  - Needs to support high availability. To support this in Version 6 we will use a setup with 2 lines of production.

# Development System

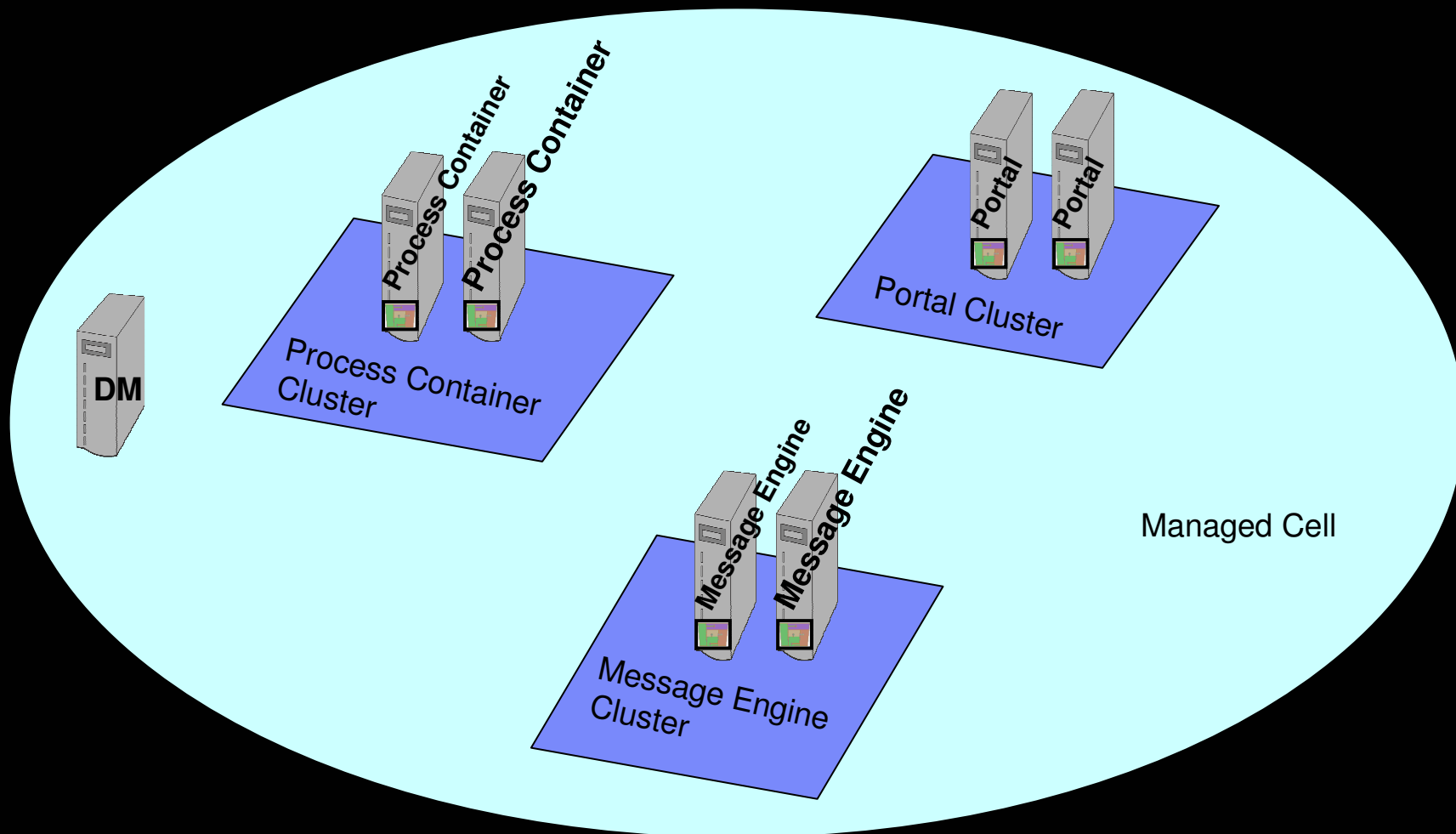
- Is the result of a standard portal install
- Process Container is configured on WebSphere\_Portal server (shares the same jvm)
- WMM Staff Plugin is configured for the default WMM setup
- Human Task Manager and Business Flow Manager configured
- Message Engines for the SI buses configured

# Portal Growth Path and Business Process Integration (WP 6.0.1)



Note: This works only if the cell is empty. For secondary portal nodes it is still required to create a custom profile, federate it, and install portal afterwards.

# Typical production topology



# Summary

- **After this session, you should have**
  - Understood the vision behind Business Process Integration in Portals
  - Understood the architecture of Business Process Integration in WebSphere Portal
  - Learned how to use Business Process Integration in WebSphere Portal in Projects

## Additional Information and Resources

- Articles:

- Develop Task Processing portlets:

<http://www-128.ibm.com/developerworks/ibm/library/i-odoebp20/>

[http://www-128.ibm.com/developerworks/websphere/library/techarticles/0505\\_nauerz/0505\\_nauerz.html](http://www-128.ibm.com/developerworks/websphere/library/techarticles/0505_nauerz/0505_nauerz.html)

<http://www-128.ibm.com/developerworks/ibm/library/i-odoebp18/>

[http://www-128.ibm.com/developerworks/websphere/library/techarticles/0606\\_gu/0606\\_gu.html](http://www-128.ibm.com/developerworks/websphere/library/techarticles/0606_gu/0606_gu.html)

- Deployment

[http://www-128.ibm.com/developerworks/websphere/techjournal/0604\\_chilanti/0604\\_chilanti.html](http://www-128.ibm.com/developerworks/websphere/techjournal/0604_chilanti/0604_chilanti.html)

- Dynamic UI

[http://www.ibm.com/developerworks/websphere/library/techarticles/0608\\_engehausen/0608\\_engehausen.html](http://www.ibm.com/developerworks/websphere/library/techarticles/0608_engehausen/0608_engehausen.html)

- Deployment

[http://www-1.ibm.com/support/docview.wss?rs=2307&context=SSQH9M&q1=7008679&uid=swg27008679&loc=en\\_US&cs=utf-8&lang=en](http://www-1.ibm.com/support/docview.wss?rs=2307&context=SSQH9M&q1=7008679&uid=swg27008679&loc=en_US&cs=utf-8&lang=en)

## Additional Information and Resources

- WebSphere Portal and Workplace Catalog:
  - <http://www-3.ibm.com/software/genservers/portal/portlet/catalog>
  
- WebSphere Portal Product Information:
  - <http://www-306.ibm.com/software/genservers/portal/enable/>
  
- WebSphere Portal Information Center documentation
  - <http://www-106.ibm.com/developerworks/websphere/zones/portal/proddoc.html>



# Questions ?

# BACKUP

# Process Initiation Portlets

InitiateProcess.jsp



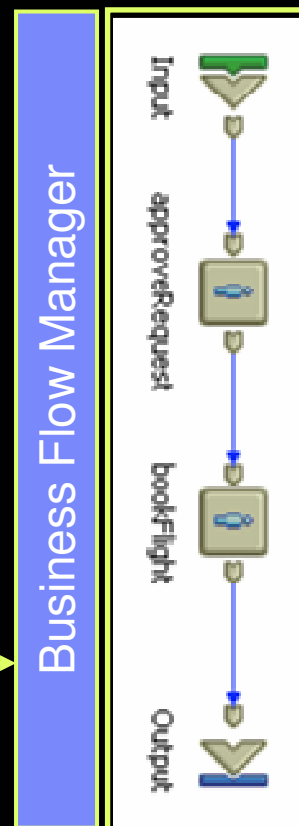
Step 1 : Create UI to display Data and entry fields to the user (i.e. by including jsps ) Send markup to client.

Step 2: Retrieve Data and prepare input message

Step 4: Write back input message and start process.

SDO

String Requestor  
Date StartDate  
Date EndDate  
String Reason



# Task Processing Portlets

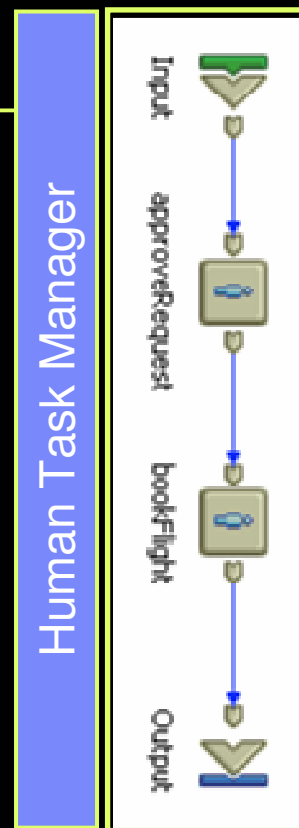


Task1.jsp

Step 1: Retrieve Input Message  
 Step 2: Create UI to display Data and entry fields to the user (i.e. by including jsps ) Send markup to client.  
 Step 3: Retrieve Data and prepare output message  
 Step 4: Write back output message and complete task.

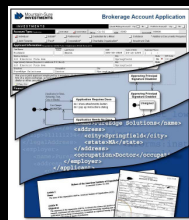
SDO  
 String Requestor  
 Date StartDate  
 Date EndDate  
 String Reason

SDO  
 Boolean approve



# Workplace Forms and Business Process Integration

# Form only used as UI: Process Initiation Portlets



Step 1 : Load Form.  
Send markup to client.

Step 2: Retrieve Form. Extract  
data and prepare input  
message

Step 4: Write back input  
message and  
start process.

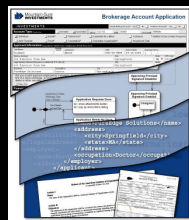
**SDO**

**String Requestor**  
**Date StartDate**  
**Date EndDate**  
**String Reason**

**Business Flow Manager**



# Form only used as UI: Task Processing Portlets



Step 1: Retrieve Input Message

Step 2: Load form. Set some fields based on input message. Send markup to client.

Step 3: Retrieve form. Extract data and prepare output message

Step 4: Write back output message and complete task.



**SDO**

**String Requestor**

**Date StartDate**

**Date EndDate**

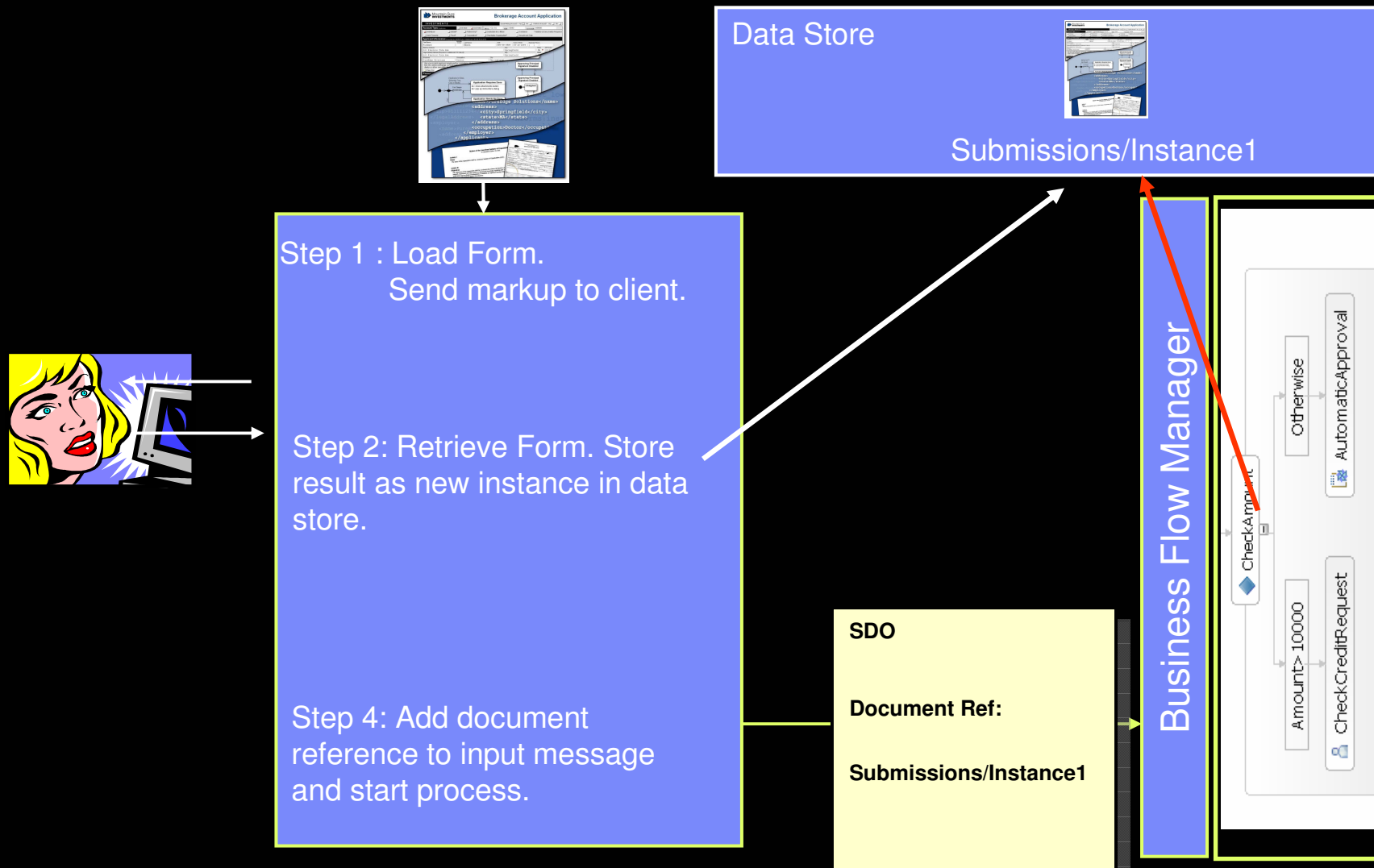
**String Reason**

**SDO**

**Boolean approve**



# Form used as data container: Process Initiation Portlets






# Form used as data container: Task Processing Portlets



Step 1: Retrieve Input Message  
 Step 2: Load form from datastore  
 Step 3: Retrieve form updates and save to datastore.  
 Step 4: Complete task.

Data Store



Submissions/Instance1

SDO  
 Document Ref:  
 Submissions/Instance  
 1

Human Task Manager

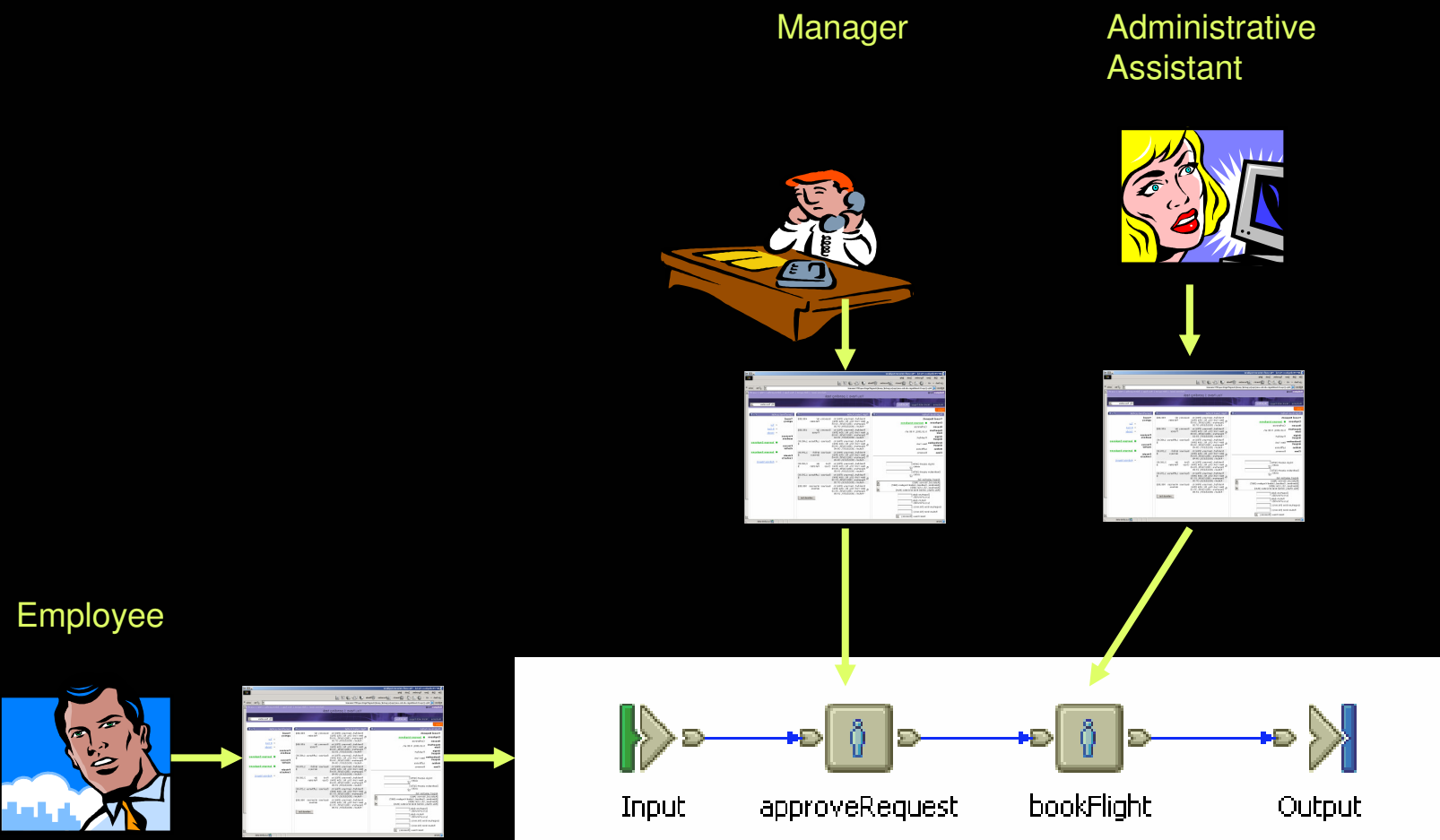
```

    graph TD
        Start(( )) --> CheckAmount{CheckAmount}
        CheckAmount -- "Amount > 10000" --> CheckCreditRequest[CheckCreditRequest]
        CheckCreditRequest --> AutomaticApproval[AutomaticApproval]
        CheckAmount -- "Otherwise" --> AutomaticApproval
    
```

# Workflow Integration Demo

[Back to presentation](#)

# Scenario: Travel Approval



# The Employee



**The employee needs to travel to New York for a conference.**

**He uses a portlet on the portal's Travel Page to make a travel request.**

The screenshot shows a web browser window titled "IBM WebSphere Portal - Mozilla Firefox: IBM Edition". The browser's address bar shows "Home > Travel requests >". The page has a navigation menu with "Welcome", "Getting Started", and "Travel requests". The main content area is divided into two portlets:

- Travel Request Portlet (JSR):** Contains a form for entering travel data. The form fields are: Traveller: Peter Employee; Destination: New York; Departure Date: 25.08.2006; Reason: Conference; Flight Reservation: (no flight entered). There is an "Add flight reservation" button.
- State Portlet (JSR):** Contains a table with columns: Destination, Status, and Processor.

At the bottom of the browser window, there are navigation icons for Home, Documents, Messaging, and Site Map. The status bar at the bottom left says "Done".

Two blue callout boxes provide instructions:

1. Employees have a travel page where they can submit travel requests and check approval status of requests.
2. The user enters travel request parameters.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/jY5bDoIwFETXwgrubSkVP5uoKLYKVhD4IZgQglHwC...

Launch Home > Travel requests >

Welcome Getting Started Travel requests

Travel Request Portlet (JSR)

Enter data for your new travel.

Traveller: Peter Employee

Destination:  
New York

Departure Date:  
25.08.2006

Reason:  
Conference

Flight Reservation:  
Frankfurt to New York

Remove flight reservation

Submit

State Portlet (JSR)

Destination	Status	Processor
-------------	--------	-----------

Home Documents

Done

Finally, the process can be initiated by a click on the „Submit“ button.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/jY5bDoIwFETX4grupZainzUoioBILRZ-CEFC1ComvGT Go

Launch Home > Travel requests > Search: All Sources Log Out

Welcome Getting Started Travel requests

Travel Request Portlet (JSR)

Enter data for your new travel.

Traveller: Peter Employee

Destination:  
New York

Departure Date:  
25.08.2006

Reason:  
Conference

Flight Reservation:  
(no flight entered)

Add flight reservation

State Portlet (JSR)

Destination	Status	Processor
New York:25.08.2006		

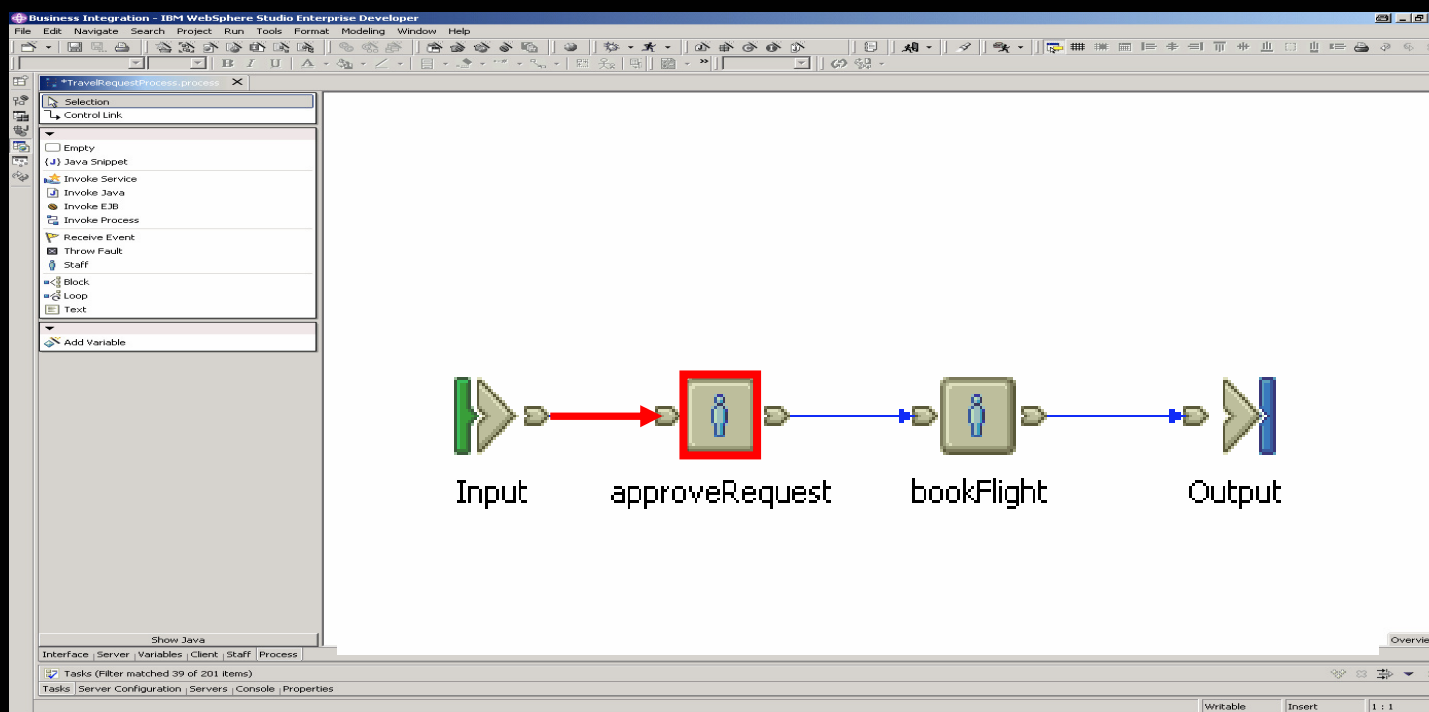
Terminate

Home Documents Messaging Site Map

Done

The status portlet lists initiated travel requests.

# The Travel Request Process





# The Manager



**Bob, Peter's manager works within Portal.**

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com/10038/wps/myportal/!ut/p/c1/jY9BDoIWfETPwgk6LaWJ50yI0R5EmCKyIV0Y0kSqC

Launch Home > Welcome > You have 1 pending task (a)

Welcome Getting Started Travel requests

Search: All Sources Log Out

## Welcome to IBM WebSphere Portal

Delivering power and flexibility. . . on demand!

### Build it better. . . faster!

Everything that you need is right here. Look at What's New to . . . you can quickly navigate your site, rearrange page content, and find people and content. Explore the product links. Click [Get Started Now](#) for tips on customizing your site.

[Get Started Now](#)

### Product Links

- News**  
Get up-to-the-minute news, weather, stock quotes, and more.
- Documents**  
Organize and share documents.
- Messaging**  
Integrate mail and calendar into your site.
- Domino Integration**  
Integrate Domino products into your site.
- Personalization**  
Create rules to display targeted content to each site user.
- Search**  
Find what you are looking for on

### What's New?

Working on your site just got easier! These enhancements simplify site navigation, page redesign, and more.

#### Main Menu

With just one click, quickly go anywhere on the site. Customize the menu to suit your design.

#### Quick Links

Displayed at the bottom of the site, quick links are customizable and provide one-click access to major areas of the site.

#### Breadcrumb Trail

Located next to the main menu, the breadcrumb tracks your location on the site. Choose how much detail to show in the breadcrumb.

#### Drag and Drop

Quickly rearrange page content. Just drag and drop a portlet to a new location.

Done

Bob is informed about the new available tasks by an alert. A click on this alert navigates him to the task list portlet.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_5B8K8xLLM9M55zPy8xBz9CP0os\_jQMEu3QB9P1

Launch My Tasks > My Tasks >

Search: All Sources Log Out

My Tasks

My Tasks

Claim Cancel Claim Show: All Tasks

<input type="checkbox"/>	Task	Created	Description	Claimed	Details
<input type="checkbox"/>	approveRequest	8/25/06 2:50:51 PM	Request to approve a trave...		

Done

The tasks portlet displays the pending tasks of a user. The manager claims the tasks he wishes to process.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/jY9BDoIwFETPwgk6LaWJy5pK1dQKMUVkQ7owpIm.

Launch My Tasks > My Tasks > Search: All Sources Log Out

My Tasks

My Tasks

Claim Cancel Claim Show: All Tasks

✓ 1 task(s) are successfully claimed.

<input type="checkbox"/>	Task	Created	Description	Claimed	Details
<input type="checkbox"/>	<a href="#">approveRequest</a>	8/25/06 11:09:05 AM	Request to approve a trave...	✓	

Page 1 of 1 Jump to page:

Home Documents Messaging Site Map

Done

After the task is claimed the link becomes active. When Bob clicks the link ...

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/hY\_NDoIwDlCfx5doN8aQIzlpmokQHx8Xw8EoiYAH4

Launch My Tasks > My Tasks > Approval > Search: All Sources Log Out

My Tasks

Approval

Approve Portlet (JSR)

**Employee** Peter Employee  
**Destination** New York  
**Departure Date** 25.08.2006  
**Reason** Conference

**Flight Reservation**

Departure Date	Departure Time	Origin Airport	Destination Airport	Airline	Class
25.08.2006	9:00 am	Frankfurt	New York	Lufthansa	Economy

Approve Reject

Home Documents

Done

Finally, the manager approves the request and is navigated back to his task list.

... he is navigated to a dynamically launched task page that displays flight details to ease his decision for approving or rejecting the request.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal!ut/p/c1/hZDLDoIwEEW\_xQ8wMy2l6BKsJI-KGC0CG8KCGBIR

Launch My Tasks > My Tasks > Search: All Sources Log Out

My Tasks

My Tasks

Claim Cancel Claim Show: All Tasks

There are no tasks available.

<input type="checkbox"/>	Task	Created ^	Description	Claimed	Details
Page 1 of 1 Jump to page: [ ]					

Home Documents Messaging Site Map

Done

As the task was finished, the task list is empty now.

# The Employee



**... meanwhile, Peter goes to the portal's Travel Page to figure out whether he may go to the conference as planned – and ...**

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9M5S2Py8xBz9CP0os\_jQMEu3QB9P...

Launch Home > Travel requests > Search: All Sources Log Out

Welcome Getting Started Travel requests

### Travel Request Portlet (JSR)

Enter data for your new travel.

Traveller: Peter Employee

Destination:

Departure Date:

Reason:


Flight Reservation:  
(no flight entered)

### State Portlet (JSR)

Destination	Status	Processor	
New York:25.08.2006	approved	Bob	<input type="button" value="Terminate"/>

Home Documents Messaging Site Map

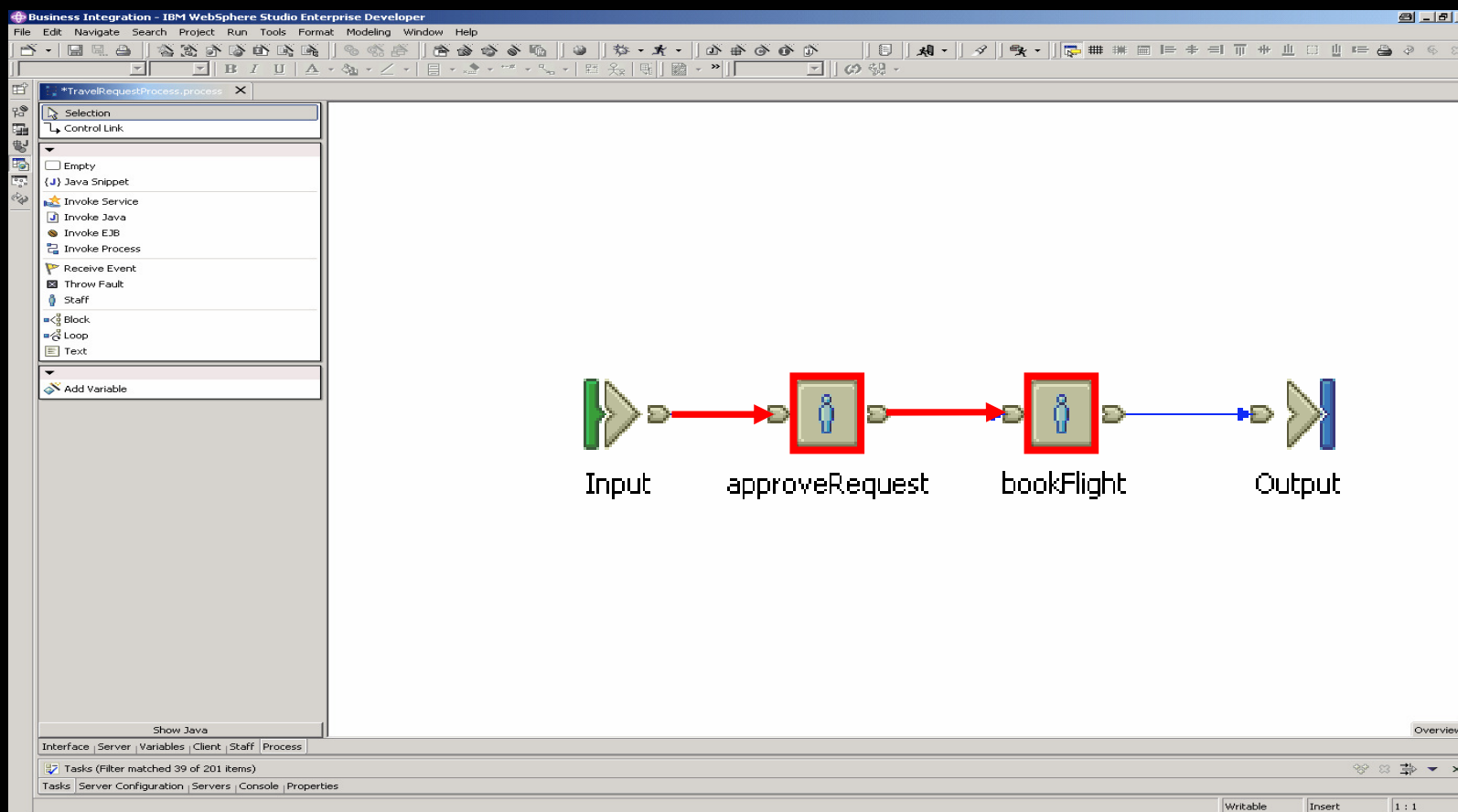
javascript:void(0);



Since the manager has approved Peter's Travel Request, it is now in the state „approved“.



# The Travel Request Process



# The Administrative Assistant



**Jane is working within Portal.**

**Welcome to IBM WebSphere Portal**  
Delivering power and flexibility. . . on demand!

**Build it better. . . faster!**  
Everything that you need is right here. Look at What's New to . . . you can quickly navigate your site, rearrange page content, and find people and content. Explore the product links. Click [Get Started Now](#) for tips on customizing your site.

[Get Started Now](#)

**Product Links**

- News**  
Get up-to-the-minute news, weather, stock quotes, and more.
- Documents**  
Organize and share documents.
- Messaging**  
Integrate mail and calendar into your site.
- Domino Integration**  
Integrate Domino products into your site.
- Personalization**  
Create rules to display targeted content for each site user.

**What's New?**  
Working on your site just got easier! These enhancements simplify site navigation, page redesign, and more.

**Main Menu**  
With just one click, quickly go anywhere on the site. Customize the menu to suit your design.

**Quick Links**  
Displayed at the bottom of the site, quick links are customizable and provide one-click access to major areas of the site.

**Breadcrumb Trail**  
Located next to the main menu, the breadcrumb tracks your location on the site. Choose how much detail to show in the breadcrumb.

**Drag and Drop**  
Quickly rearrange page content. Just drag and drop a portlet to a new location.

Done

Jane is informed about the new available tasks by an alert. A click on this alert navigates her to the task list portlet.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/tut/p/c1/jjy\_LDoIwEEW\_xs-Y29IWxWLQ-igIapWyISyMkgi4M

Launch My Tasks > My Tasks > Search: All Sources Log Out

My Tasks

My Tasks

Claim Cancel Claim Show: All Tasks

✓ 1 task(s) are successfully claimed.

<input type="checkbox"/>	Task	Created ^	Description	Claimed	Details
<input type="checkbox"/>	<a href="#">bookFlight</a>	8/25/06 2:43:48 PM	Request to book a flight f...	✓	

Page 1 of 1 Jump to page:

Home Documents Messaging Site Map

Done

Her task list portlet provides the same means as the one of Bob, but shows a different task now.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

Launch My Tasks > My Tasks > Flight booking >

My Tasks Flight booking

Her task page also presents details about the travel request.

FlightBook Portlet (JSR)

**Travel Request:**

**Employee:** Peter Employee  
**Reason:** Conference  
**Departure date:** 25.08.2006, 9:00 am  
**Origin airport:** Frankfurt  
**Destination airport:** New York  
**Airline:** Lufthansa  
**Class:** Economy

Origin airport (IATA code):

Destination airport (IATA code):

Airport selection list:

- Aalesund, Norway (AES)
- Aberdeen, Scotland, United Kingdom (ABZ)
- Aberdeen, SD, USA (ABR)
- Abu Dhabi, United Arab Emirates (AUH)

Departure date (yyyy/mm/dd):

Return date (yyyy/mm/dd):

Departure time (hh:mm):

Return time (hh:mm):

Seat Class: Economy

Airline:

Price: 0,0

FlightSelect Portlet (JSR)

<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 09:45	Business	Lufthansa	799.90\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 09:45 - Return: 2006/08/29, 19:05	First Class	American Airlines	1,350.00\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 09:45 - Return: 2006/08/27, 07:30	First Class	British Airways	2,100.00\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/30, 19:05	Economy	Air France	450.00\$
<input type="button" value="Select"/>	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 07:30	Business	American Airlines	799.90\$

...or by choosing a flight from a list

Booking details can either be entered manually....

Done 2 Errors

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

File Edit View Go Bookmarks Tools Help

Launch My Tasks > My Tasks > Flight booking >

Search: All Sources

My Tasks

Flight booking

**FlightBook Portlet (JSR)**

**Travel Request:**

**Employee:** Peter Employee  
**Reason:** Conference  
**Departure date:** 25.08.2006, 9:00 am  
**Origin airport:** Frankfurt  
**Destination airport:** New York  
**Airline:** Lufthansa  
**Class:** Economy

Origin airport (IATA code): FRA  
 Destination airport (IATA code): JRA

Airport selection list:  
 Aalesund, Norway (AES)  
 Aberdeen, Scotland, United Kingdom (ABZ)  
 Aberdeen, SD, USA (ABR)  
 Abu Dhabi, United Arab Emirates (AUH)

Departure date (yyyy/mm/dd): 2006/08/25  
 Return date (yyyy/mm/dd): 2006/08/28  
 Departure time (hh:mm): 15:10  
 Return time (hh:mm): 07:30  
 Seat Class: Business  
 Airline: American Airlines  
 Price: 799.9

Book Do not book

**FlightSelect Portlet (JSR)**

Select	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 09:45	Business Lufthansa	799.90\$
Select	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 09:45	Business Lufthansa	1,350.00\$
Select	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 09:45	Business Lufthansa	100.00\$
Select	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 09:45	Business Lufthansa	450.00\$
Select	Frankfurt, Germany (FRA) to New York City, NY, USA (JRA) Departure: 2006/08/25, 15:10 - Return: 2006/08/28, 07:30	Business American Airlines	799.90\$

The details of the flight are then transferred to the task processing portlet.

Finally, the flight can be booked.

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http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/hZDND0IweI5fhQcwOy1twSMGrWJF\_KkKF8PBGBJE

Launch My Tasks > My Tasks > Search: All Sources Log Out

My Tasks

My Tasks

Claim Cancel Claim Show: All Tasks

There are no tasks available.

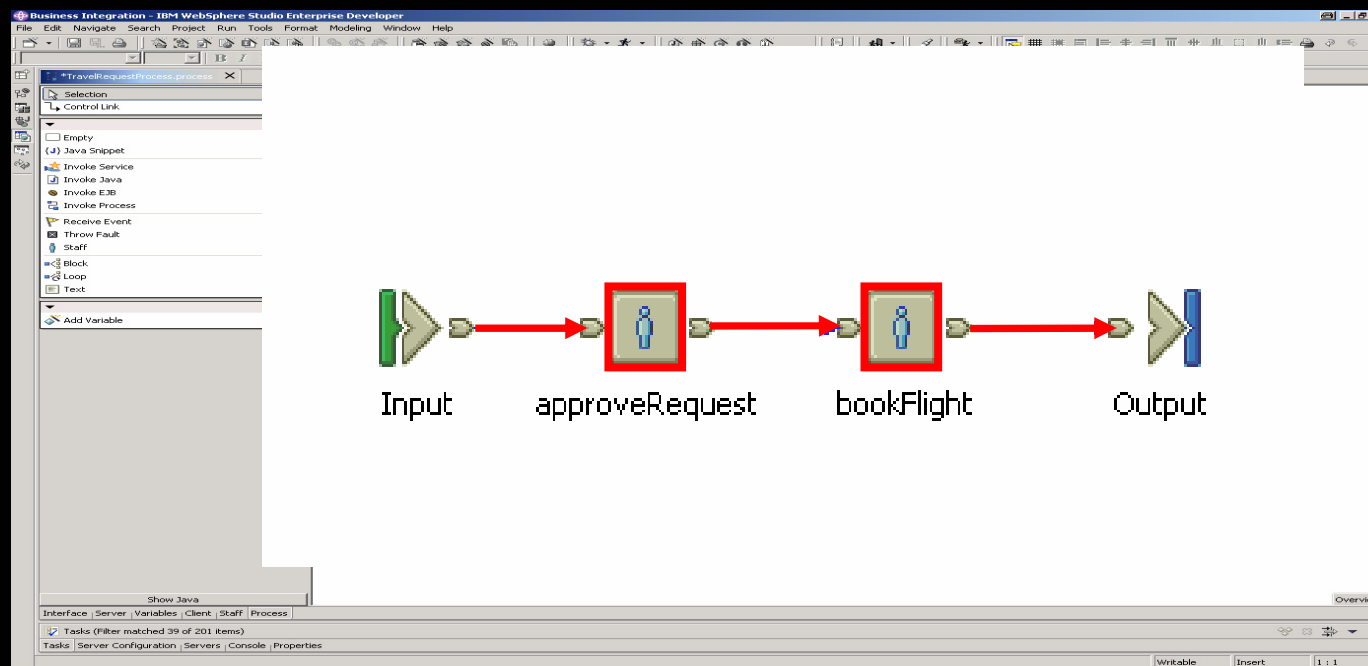
Task	Created	Description	Claimed	Details
Page 1 of 1 Jump to page: [ ]				

Home Documents Messaging Site Map

Done

As the task was finished, the task list is empty now.

# The Travel Request Process





# The Employee



**When the Employee checks the status of his travel request the next time, he sees that his travel a has been approved and booked.**

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http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_5B8K8xLLM9M5S2Py8xBz9CP0os\_jQMEu3QB9P...

Getting Started Latest Headlines IBM LEO Deutsch-Englisch... IBM WebSphere Portal

Launch Home > Travel requests > Search: All Sources Log Out

Welcome Getting Started Travel requests

### Travel Request Portlet (JSR)

Enter data for your new travel.

Traveller: Peter Employee

Destination:

Departure Date:

Reason:

Flight Reservation: (no flight entered)

### State Portlet (JSR)

Destination	Status	Processor	
<input checked="" type="checkbox"/> New York:25.08.2006	approved booked	Bob Jane	<input type="button" value="Terminate"/>

Done

Details can be reviewed now.

The new status is approved and booked

Peter could see who approved and who booked.

IBM WebSphere Portal - Mozilla Firefox: IBM Edition

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http://mywps085.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9MSSzPy8xBz9CP0os\_jQMEu3QB9P...

Getting Started Latest Headlines IBM LEO Deutsch-Englisch... IBM WebSphere Portal

Launch Home > Travel requests > Search: All Sources Log Out

Welcome Getting Started Travel requests

Travel Request Portlet (JSR)

Enter data for your new travel.

Traveller: Peter Employee

Destination:  
New York

Departure Date:  
25.08.2006

Reason:  
Conference

Flight Reservation:  
(no flight entered)

Add flight reservation

State Portlet (JSR)

Destination	Status	Processor
New York:25.08.2006	approved booked	Bob Jane

**Destination** New York  
**Departure Date** 25.08.2006  
**Reason:** Conference

**Flight reservation:**

Departure Date	Departure Time	Origin airport	Destination airport	Class	Airline
25.08.2006	9:00 am	Frankfurt	New York	Economy	Lufthansa

Terminate

Home Documents Messaging Site Map

Done

Flight details can be reviewed.

# Business User Workflow Demo

# Define the Workflow for an Application

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Address [http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/ut/p/c1/04\\_SB8K8xLLM9MSSzPy8xBz9CP0os3g\\_f6NQnxNPQ0MLM1dDAyMzDxMnnzBPA3djY6B8JG55F2NU3Y4uziBZ70ALb2k](http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/ut/p/c1/04_SB8K8xLLM9MSSzPy8xBz9CP0os3g_f6NQnxNPQ0MLM1dDAyMzDxMnnzBPA3djY6B8JG55F2NU3Y4uziBZ70ALb2k) Go Links

Launch Templates > Template Library > Search: All Sources Log Out

Welcome Template Library Application Library

Application Template Library

\*New... Import... Show: All application templates

Name	Owner	Category	Modified	Status
Job Applicant System Template ▾	wpsadmin	Composite Applications	August 30, 2006 11:21:06 PM GMT+02:00	unlocked
Manage New Hires Template ▾	wpsadmin	Composite Applications	August 30, 2006 11:34:02 PM GMT+02:00	unlocked
Manager Workbench ▾	wpsadmin	Composite Applications	August 30, 2006 11:21:38 PM GMT+02:00	unlocked
Portal Blank Template ▾	wpsadmin	Composite Applications	August 29, 2006 12:28:47 PM GMT+02:00	unlocked
Team Project Template ▾	wpsadmin	Composite Applications	August 30, 2006 11:22:13 PM GMT+02:00	unlocked
Trouble Ticket Template ▾	wpsadmin	Composite Applications	August 30, 2006 11:22:40 PM GMT+02:00	unlocked

Page 1 of 1

Home Administration Documents Messaging Site Map

Done Internet

IBM WebSphere Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/ut/p/c1/04\_SB8K8xLLM9MSSzPy8xBz9CP0os3g\_f6NQnxNPQ0MLM1dDAyMzDxMnnzBPA3djY6B8JG55F2NU3Y4uziBZ70ALb2z

Launch Templates > Template Library > Search: All Sources Log Out

Welcome Template Library Application Library

### Application Template Library

\*New... Import... Show: All application templates

Name	Owner	Category	Modified	Status
Job Applicant System Template	wpsadmin	Composite Applications	August 30, 2006 11:21:06 PM GMT+02:00	unlocked
Manage New Hires Template	wpsadmin	Composite Applications	August 30, 2006 11:34:02 PM GMT+02:00	unlocked
Manager Workbench	in	Composite Applications	August 30, 2006 11:21:38 PM GMT+02:00	unlocked
Portal Blank Template	in	Composite Applications	August 29, 2006 12:28:47 PM GMT+02:00	unlocked
Team Project Template	in	Composite Applications	August 30, 2006 11:22:13 PM GMT+02:00	unlocked
Trouble Ticket Template	in	Composite Applications	August 30, 2006 11:22:40 PM GMT+02:00	unlocked

Page 1 of 1

- Edit Template Properties
- Edit Template Layout
- Edit Template Parameters
- Manage Roles
- Edit Template Workflow
- Export Template
- Delete Template
- Assign Template Permissions

Home Administration Site Map

Internet

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Back Forward Stop Home Search Favorites Refresh Print Mail Stop Bluetooth

Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9MSSzPy8xBz9CP0os3g\_f6NQxNPNQ0MLM1dDAyMzDxMnnzBPAws\_Y6B8JE55dxdjVN2OLs4gWe9AC Go Links

Launch Workflow Builder > Search: All Sources Log Out

### Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics Tasks

Enter a name for this workflow:  
Bring New Hires On Board

Enter an optional description for this workflow:  
Checklist Application to help Hiring Managers to bring new hires on board.

Choose existing roles or create new roles to specify who has access to this workflow:

Who can start this workflow? ▾	Who can administer this workflow? ▾
All Members	Workflow Starter

Choose whether to enable or disable this process:

Enable  
 Disable

Done Internet



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File Edit View Favorites Tools Help

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Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/04\_SB8K8xLLM9MSSzPy8xBz9CP0os3g\_f6NQxNPQ0MLM1dDAyMzDxMnnzBPAws\_Y6B8JE55dxjVN2OLs4gWe9AC Go Links

Launch Workflow Builder > Search: All Sources Log Out

### Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics Tasks

Enter a name for this workflow:  
Bring New Hires On Board

Enter an optional description for this workflow:  
Checklist Application to help Hiring Managers to bring new hires on board.

Choose existing roles or create new roles to specify who has access to this workflow:  
Who can start this workflow? Who can administer this workflow?

All Members

New...

All Members

Choose whether to enable or disable this workflow:  
 Enable  Disable

Done Internet

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Address [http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJQEIafpSeYORePtvSuaIpRIm7kQBIpNoIInr6FIJwoZtmlt\\_8fD8DNYzby6e6yocaeitBBbXZRH5BGHEp5maESHd](http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJQEIafpSeYORePtvSuaIpRIm7kQBIpNoIInr6FIJwoZtmlt_8fD8DNYzby6e6yocaeitBBbXZRH5BGHEp5maESHd) Go Links >>

Launch Workflow Builder > Search: All Sources + ? Log Out

Workflow

**Define New Role**

Role Name:

Description (optional):

OK Cancel

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Internet

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Launch Workflow Builder > Search: All Sources Log Out

### Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics Tasks

Enter a name for this workflow:  
Bring New Hires On Board

Enter an optional description for this workflow:  
Checklist Application to help Hiring Managers to bring new hires on board.

Choose existing roles or create new roles to specify who has access to this workflow:

Who can start this workflow? All Members Who can administer this workflow?

Enable Disable

New... OK Cancel

- All Members
- Hiring Manager

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Back Forward Stop Home Search Favorites Refresh Print Mail Stop Bluetooth

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Launch Workflow Builder > Search: All Sources Log Out

### Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics Tasks

Enter a name for this workflow:  
Bring New Hires On Board

Enter an optional description for this workflow:  
Checklist Application to help Hiring Managers to bring new hires on board.

Choose existing roles or create new roles to specify who has access to this workflow:

Who can start this workflow? ▾	Who can administer this workflow? ▾
Hiring Manager	Workflow Starter

Choose whether to enable or disable this process:

Enable  
 Disable

Done Internet

IBM WebSphere Portal - Microsoft Internet Explorer

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Address [http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4Zy6OtrQZb2IK0U03MpDEhJcWEdHTpxCEC910zvI7P9\\_PgRKG7FTTXPD9J1uoIDSrkIvJ4xIpkdItJ](http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4Zy6OtrQZb2IK0U03MpDEhJcWEdHTpxCEC910zvI7P9_PgRKG7FTTXPD9J1uoIDSrkIvJ4xIpkdItJ) Go Links >>

Launch Workflow Builder > Search: All Sources Log Out

Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics **Tasks**

New Task...

Start

Untitled Task 1

Stop

**Untitled Task 1**

Manual Task  Automated Task

**Specify Content for the Current Task Portlet**

Enter the task name:

Enter the description users will see while this application is running:

Define workflow actions and their transitions to the next task:

**New Workflow Action**

Workflow Action	Next Task
<input type="text" value="Complete Step"/>	<input type="text" value="Select Next Task"/> <input type="button" value="Select Next Task"/>

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

Internet

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File Edit View Favorites Tools Help

Address [http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/ut/p/c1/pZDLCoJAFIafpSc4Zy6OtrQZb2IK0U03MpDEHJcWEdHTpxCEC910zvI7P9\\_PgRKG7FTTXPD9J1uoIDSrIvJ4xIpkdItJ](http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/ut/p/c1/pZDLCoJAFIafpSc4Zy6OtrQZb2IK0U03MpDEHJcWEdHTpxCEC910zvI7P9_PgRKG7FTTXPD9J1uoIDSrIvJ4xIpkdItJ) Go Links >>

Launch Workflow Builder > Search: All Sources Log Out

Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics **Tasks**

New Task...

Start

Untitled Task 1

Stop

**Untitled Task 1**

Manual Task  Automated Task

**Specify Content for the Current Task Portlet**

Enter the task name:  
Add Employee to EIS

Enter the description users will see while this application is running:  
Add the new hire to the Employee Information System portlet located on this page. Press 'Complete Step' to progress to the next task in the workflow.

Define workflow actions and their transitions to the next task:

**New Workflow Action**

Workflow Action	Next Task
Complete Step	Select Next Task

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

Internet

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Address [http://rht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300pY20iqYY3QjA0IMONoiInr6HAjChW46Z\\_mdn-\\_nQA3j9uqpr-qhh151UEHtnnFYooFQYUbiI](http://rht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300pY20iqYY3QjA0IMONoiInr6HAjChW46Z_mdn-_nQA3j9uqpr-qhh151UEHtnnFYooFQYUbiI) Go Links

Add Employee to EIS 
Manual Task  Automated Task

**Specify Content for the Current Task Portlet**

Enter the task name:

Enter the description users will see while this application is running:

Define workflow actions and their transitions to the next task:

**New Workflow Action**

Workflow Action	→	Next Task
<input type="text" value="Complete Step"/>		<input type="text" value="Select Next Task"/>

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

**Specify Options for this Task**

No task pages currently exist for this application but you can automatically create one and continue editing this task.

**New Task Page**

Choose existing roles or create new roles to specify who has access to this task:

<input type="text" value="Who can own this task?"/>	<input type="text" value="Who can edit this task?"/>	<input type="text" value="Who can view this task?"/>
<input type="text" value="Workflow Starter"/>	<input type="text" value="No selected roles"/>	<input type="text" value="Second Line Manager"/>

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Internet

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[Start](#)

**Add Employee to EIS**

[Stop](#)

### Add Employee to EIS

Manual Task  Automated Task

#### Specify Content for the Current Task Portlet

Enter the task name:

Enter the description users will see while this application is running:

Define workflow actions and their transitions to the next task:

**New Workflow Action**

Workflow Action	Next Task
<input type="text" value="Complete Step"/>	<input type="text" value="Select Next Task"/>

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

#### Specify Options for this Task

Map this task to an existing page:

Choose existing roles or create new roles to specify who has access to this task:

Who can own this task?	Who can edit this task?	Who can view this task?
<input type="text" value="Workflow Starter"/>	<input type="text" value="No selected roles"/>	<input type="text" value="Second Line Manager"/>

Home Administration Documents Messaging Site Map

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Launch Workflow Builder Search: All Sources Log Out

Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics Tasks

New Task...

Start

Add Employee to EIS

Stop

### Add Employee to EIS

Manual Task  Automated Task

#### Specify Content for the Current Task Portlet

Enter the task name:  
Add Employee to EIS

Enter the description users will see while this application is running:  
Add the new hire to the Employee Information System portlet located on this page. Press 'Complete Step' to progress to the next task in the workflow.

Define workflow actions and their transitions to the next task:

Workflow Action	Next Task
Complete Step	Select Next Task

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

Done Internet

IBM WebSphere Portal - Microsoft Internet Explorer

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Launch Workflow Builder > Search: All Sources Log Out

Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics **Tasks**

New Task...

- Start
- Add Employee to EIS
- Purchase Equipment
- Approve Large Purchase**
- Allocate Office Space
- Stop

**Approve Large Purchase**

Manual Task  Automated Task

**Specify Content for the Current Task Portlet**

Enter the task name:  
Approve Large Purchase

Enter the description users will see while this application is running:  
The Hiring manager requested to purchase equipment for a new hire that exceeds the approval limit of the manager. Please review and approve or reject.

Define workflow actions and their transitions to the next task:

**New Workflow Action**

Workflow Action	Next Task
Complete Step	Select Next Task

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

Done Internet

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File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Stop Bluetooth

Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300panjikYY3XQjA0lMONoiInr6HAjChW46Z\_mdn-\_nQA3j9uqpr-qhh151UEHtVjIqMcUBQYUrESL Go Links

Launch Workflow Builder Search: All Sources Log Out

Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics Tasks

New Task...

- Start
- Add Employee to EIS
- Purchase Equipment
- Approve Large Purchase
- Allocate Office Space
- Stop

### Approve Large Purchase

Manual Task  Automated Task

#### Specify Content for the Current Task Portlet

Enter the task name:  
Approve Large Purchase

Enter the description users will see while this application is running:  
The Hiring manager requested to purchase equipment for a new hire that exceeds the approval limit of the manager. Please review and approve or reject.

Define workflow actions and their transitions to the next task:

New Workflow Action	
Workflow Action	Next Task
Approve	Allocate Office Space

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

Done Internet

IBM WebSphere Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300panjKYY3XQjA0lMONoiInr6HAjChW46Z\_mdn-\_nQA3j9uqpr-qhh151JEHtVjIqMcUBQYUrESL

Launch Workflow Builder > Search: All Sources Log Out

### Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics **Tasks**

New Task...

- Start
- Add Employee to EIS
- Purchase Equipment
- Approve Large Purchase
- Allocate Office Space
- Stop

### Approve Large Purchase

Manual Task Automated Task

#### Specify Content for the Current Task Portlet

Enter the task name:  
Approve Large Purchase

Enter the description users will see while this application is running:  
The Hiring manager requested to purchase equipment for a new hire that exceeds the approval limit of the manager. Please review and approve or reject.

Define workflow actions and their transitions to the next task:

New Workflow Action			Next Task	
Workflow Action				
Approve	→		Allocate Office Space	✕
Reject	→		Purchase Equipment	✕

Done Internet

IBM WebSphere Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300panjikYY3XQjA0lMONoiInr6HAjChW46Z\_mdn-\_nQA3j9uqpr-qhh151JEHtVjIqMcUBQYUrESL

Launch Workflow Builder > Search: All Sources Log Out

Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics **Tasks**

New Task...

- Start
- Add Employee to EIS
- Purchase Equipment
- Approve Large Purchase
- Allocate Office Space
- Untitled Task 1
- Stop

**Untitled Task 1**

Manual Task  Automated Task

**Specify Automated Tasks:**

Enter the task name:  
Send E-Mail

Description (optional):  
Send an automatic e-mail notification to the hiring manager that on boarding process completed successfully.

Define automated actions and their transitions:

Automated Action	Next Task
Select Automated Action	Select Next Task

To create a new task, click the "New Task" button in the Task Navigator on the top left.

IBM WebSphere Portal - Microsoft Internet Explorer

File Edit View Favorites Tools Help

Back Forward Stop Home Search Favorites Refresh Print Mail Bluetooth

Address [http://rht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300panjikYY3XQjA0lMONoiInr6HAjChW46Z\\_mdn-\\_nQA3j9uqpr-qhh151UEHtVjIqMcUBQYUrESL](http://rht60.boeblingen.de.ibm.com:10038/wps/myportal/!ut/p/c1/pZDLCoJAFIafpSc4c300panjikYY3XQjA0lMONoiInr6HAjChW46Z_mdn-_nQA3j9uqpr-qhh151UEHtVjIqMcUBQYUrESL) Go Links

- [Purchase Equipment](#)
- [Approve Large Purchase](#)
- [Allocate Office Space](#)
- Send E-mail**
- Stop**

### Specify Automated Tasks:

Enter the task name:

Description (optional):

Define automated actions and their transitions:

Automated Action	Next Task
<input type="text" value="Send Mail"/> ▼	→ <input type="text" value="Stop"/> ▼

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

To:

From:

cc:

bcc:

Subject:

Body:

Host

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Address http://ht60.boeblingen.de.ibm.com:10038/wps/myportal/ut/p/c1/pZDLCoJAFIafpSc4c300panjikYY3XQjA0lMONoiInr6HAjChW46Z\_mdn-\_nQA3j9uqpr-qhh151JEHtVjIqMcUBQYUrESL Go Links

Launch Workflow Builder > Search: All Sources Log Out

### Workflow

Save Save and Close Cancel Validate Workflow Clear Workflow

Basics **Tasks**

New Task...

- Start
- Add Employee to EIS
- Purchase Equipment
- Approve Large Purchase
- Allocate Office Space
- Send E-mail
- Stop

#### Send E-mail

Manual Task  Automated Task

#### Specify Automated Tasks:

Enter the task name:  
Send E-mail

Description (optional):  
Send an automatic e-mail notification to the hiring manager that on boarding process completed successfully

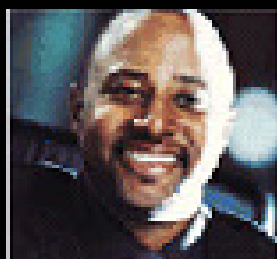
Define automated actions and their transitions:

Automated Action	Next Task
Send Mail	Stop

To create the next task, click on the "New Task" button in the Task Navigator on the top left of the screen.

To: %Workflow.Starter%

# Run the Workflow enabled Application



Amadou, a Hiring Manager, logs in ....



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http://b.mul.ie.ibm.com:10038/wps/myportal/!ut/p/c1/pZHNbsIwEISfpU-wazuQ9Ej-NkHB4GLUhAuKqHYZgemB8vy14clF

Templates > Application Library >

Search: All Sources Log Out

Welcome Template Library Application Library

### Applications

\* New...

Show: All Applications Find Applications:

Name	Template	Owner	Last Update	Delete
<a href="#">Manage New Hires</a>	DSL Bring on board App4	wpsadmin	June 14, 2006 4:56:28 PM GMT+01:00	

Page 1 of 1

Home Administration Documents Messaging Site Map

Done

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Manage New Hires > On Boarding > Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

### Workflow List

Enter name  **New** Delete Claim Unclaim Show: All Tasks

Name	Current Task	Assigned To	Status	Last Date Modified	Details
<input type="checkbox"/> Bill Wright	Purchase New Hardware	Multiple possible	Unclaimed	June 9, 2006	
<input type="checkbox"/> Greg Burns	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Martha Darcy	<a href="#">Enter New employee details on HRSS</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Mike Motler	<a href="#">Allocate Office Space</a>	wpsadmin	Claimed	June 14, 2006	
<input type="checkbox"/> Tod Williams	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Tracy Burke	Enter New employee details on HRSS	Multiple possible	Unclaimed	June 9, 2006	

Home Administration Documents Messaging Site Map

Done

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Manage New Hires > On Boarding > Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Workflow List

Heather Reed     Show: All Tasks

Name	Current Task	Assigned To	Status	Last Date Modified	Details
<input type="checkbox"/> Mike Motler	<a href="#">Allocate Office Space</a>	wpsadmin	Claimed	June 14, 2006	
<input type="checkbox"/> Greg Burns	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Tod Williams	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Martha Darcy	<a href="#">Enter New employee details on HRSS</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Tracy Burke	Enter New employee details on HRSS	Multiple possible	Unclaimed	June 9, 2006	
<input type="checkbox"/> Bill Wright	Purchase New Hardware	Multiple possible	Unclaimed	June 9, 2006	

Home Administration Documents Messaging Site Map

Done

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Manage New Hires > Open Tasks > Enter New employee details on HRSS >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Enter New employee details on HRSS

Create New Employee -- WebSphere Portlet Factory

EMPNO *	<input type="text"/>
FIRSTNAME *	<input type="text"/>
LASTNAME *	<input type="text"/>
WORKDEPT	[All] <input type="button" value="v"/>
HIREDATE	<input type="text"/> <input type="button" value="calendar"/>
JOB	<input type="text"/>

Current Task

**DSL Bring On Board Application name**

Name:  
**Heather Reed**

Current Task:  
**Enter New employee details on HRSS**

HR to Enter New employee details on HRSS

[View more details about this task](#)

Related Content

Click the Add Content button to add new content to this Workflow

Name	Owner	Last Date Modified

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Manage New Hires > Open Tasks > Enter New employee details on HRSS >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Enter New employee details on HRSS

Create New Employee -- WebSphere Portlet Factory

EMPNO *	000030
FIRSTNAME *	Heather
LASTNAME *	Reed
WORKDEPT	INFORMATION CENTER
HIREDATE	04/28/2006
JOB	

Save

Current Task

**DSL Bring On Board Application name**

Complete Step

Name: **Heather Reed**

Current Task: **Enter New employee details on HRSS**

HR to Enter New employee details on HRSS

[View more details about this task](#)

Related Content

Click the Add Content icon to add content to this page.

Add Content...

Name	Owner	Last Date Modified

Calendar: April 2006

Sun	Mon	Tue	Wed	Thu	Fri	Sat
						1
2	3	4	5	6	7	8
9	10	11	12	13	14	15
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30						

Ok Cancel

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Manage New Hires > Open Tasks > Enter New employee details on HRSS >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Enter New employee details on HRSS

Create New Employee -- WebSphere Portlet Factory

EMPNO	000030
FIRSTNME	Heather
LASTNAME	Reed
WORKDEPT	INFORMATION CENTER
HIREDATE	04/28/2006
JOB	MANAGER

[edit](#)

Current Task

**DSL Bring On Board Application name**

**Complete Step**

Name:  
**Heather Reed**

Current Task:  
**Enter New employee details on HRSS**

HR to Enter New employee details on HRSS

[View more details about this task](#)

Related Content

Click the Add Content button to add new content to this Workflow

[Add Content...](#)

Name	Owner	Last Date Modified

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Manage New Hires > Open Tasks > Enter New employee details on HRSS > Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Enter New employee details on HRSS

### Related Content

**Add Related Content**

To add a document from your local drive or the network file system, select File System and click Browse, or type the path and filename in the text box.

To add a document from the document library, select Document Library and click Browse.

Title:

\* File to add:

Document Library

Description (optional):

\* Required

Home Administration Documents Messaging Site Map

Done

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http://b.mul.ie.ibm.com:10038/wps/myportal/!ut/p/c1/nVJdT4NAEPxJu3d8-ggtd4B45ewVhZeGKk0BrTEPXXy9IGIyn0i

Manage New Hires > Open Tasks > Enter New employee details on HRSS >

On Boarding Hiring Policies Open Tasks

Enter New employee details on HRSS

Related Content

Add Related Content

To add the path To add

Title:

\* File to add: Document L

Description (

\* Required

Add Ca

http://b.mul.ie.ibm.com:10038 - IBM WebSp...

Browse Document Libraries

- Document Manager
  - Job Applicants
    - Heather Reed Resume 2006
  - WPS Workflow

Browse...

File name: Heather Reed Resume 2006.doc

Title: Heather Reed Resume 2006

Description: This is the Resume of: Heather Reed 126 Newbury St 02162 Boston/MA

OK Cancel

Done

Home Administration Documents Messaging Site Map

Done



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http://b.mul.ie.ibm.com:10038/wps/myportal/!ut/p/c1/hVNdb4MgFP1FCxe0lVelCu0sLZa62ZfGZGYxG7osjfv49YM22Uc3'

Manage New Hires > Open Tasks > Enter New employee details on HRSS >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Enter New employee details on HRSS

Create New Employee -- WebSphere Portlet Factory

EMPNO	000030
FIRSTNME	Heather
LASTNAME	Reed
WORKDEPT	INFORMATION CENTER
HIREDATE	04/28/2006
JOB	MANAGER

[edit](#)

Current Task

**DSL Bring On Board Application name**

[Complete Step](#)

Name:  
**Heather Reed**

Current Task:  
**Enter New employee details on HRSS**

HR to Enter New employee details on HRSS

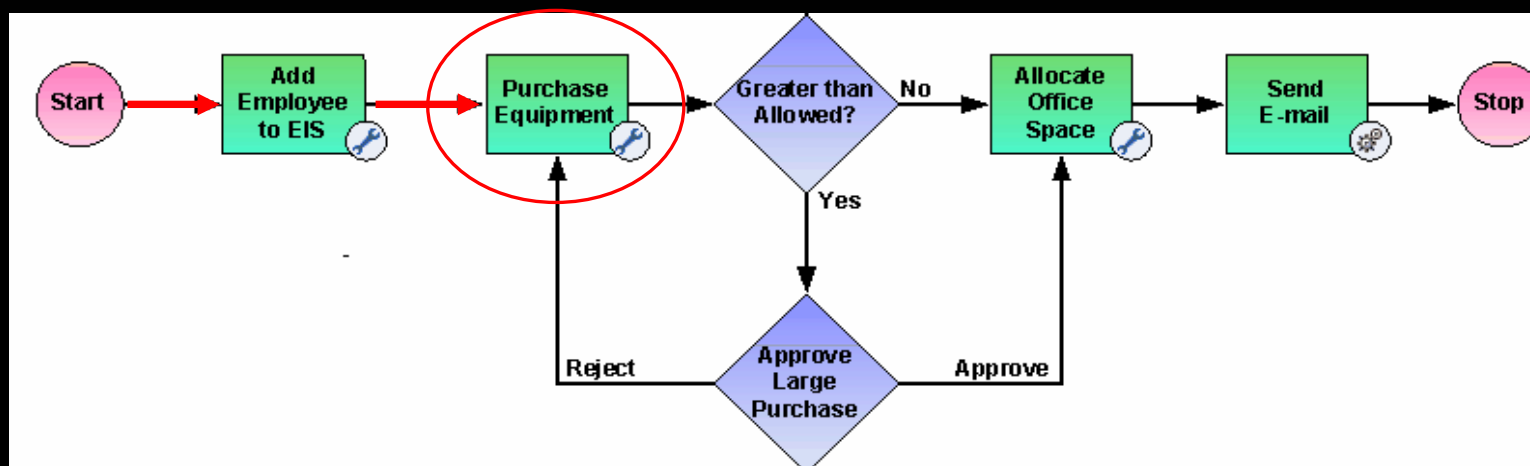
[View more details about this task](#)

Related Content

[Add Content...](#)

Name	Owner	Last Date Modified
<a href="#">Heather Reed Resume 2006</a>		6/16/06
This is the Resume of Heather Reed 126 Newbury St 02162 Boston MA		
<a href="#">Job Description</a>		6/16/06
Job Description for the Development Manager Position		

# “Bring On Board” Workflow – Where we are



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Manage New Hires > On Boarding > Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

### Workflow List

Enter name      Show:

Name	Current Task	Assigned To	Status	Last Date Modified	Details
<input type="checkbox"/> Bill Wright	<a href="#">Purchase New Hardware</a>	Multiple possible	Unclaimed	June 9, 2006	
<input type="checkbox"/> Greg Burns	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Heather Reed	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 16, 2006	
<input type="checkbox"/> Martha Darcy	<a href="#">Enter New employee details on HRSS</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Mike Motler	<a href="#">Allocate Office Space</a>	wpsadmin	Claimed	June 14, 2006	
<input type="checkbox"/> Tod Williams	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Tracy Burke	<a href="#">Enter New employee details on HRSS</a>	Multiple possible	Unclaimed	June 9, 2006	

Home Administration Documents Messaging Site Map

Done

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Manage New Hires > Open Tasks > Purchase New Hardware >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Purchase New Hardware

Purchase Equipment - WebSphere Portlet Factory

Name	Heather Reed
Employee ID	000030
Type	Desktop
Monitor Size	20 inch
Hard Drive	300 GB
RAM	2 GB
Total	\$1900

Cancel Create Document

Current Task

**DSL Bring On Board Application name**

Approval required

Spec complete no Approval required

Name: Heather Reed

Current Task: Purchase New Hardware

First line Manager to Purchase New Hardware

[View more details about this task](#)

Related Content

Add Content...

Name	Owner	Last Date Modified
<a href="#">Heather Reed Resume 2006</a>		6/16/06
This is the Resume of Heather Reed 126 Newbury St 02162 Boston MA		
<a href="#">Job Description</a>		6/16/06
Job Description for the Development Manager Position		

http://b.mul.ie.ibm.com:10038/wps/myportal/!ut/p/c1/nVPLboMwEPyWfHXNgSuPBdSc1A4tMkQmpaIZUQVVFU9etrN6iPFFwp9nFmZ9aza7I16h6ac\_vcnNr-0LyQDdnOTwCQIpaJT9elCHjpuWtARk96F87RZJkcx...

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Manage New Hires > On Boarding >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

### Workflow List

Enter name  **New**    Show: All Tasks

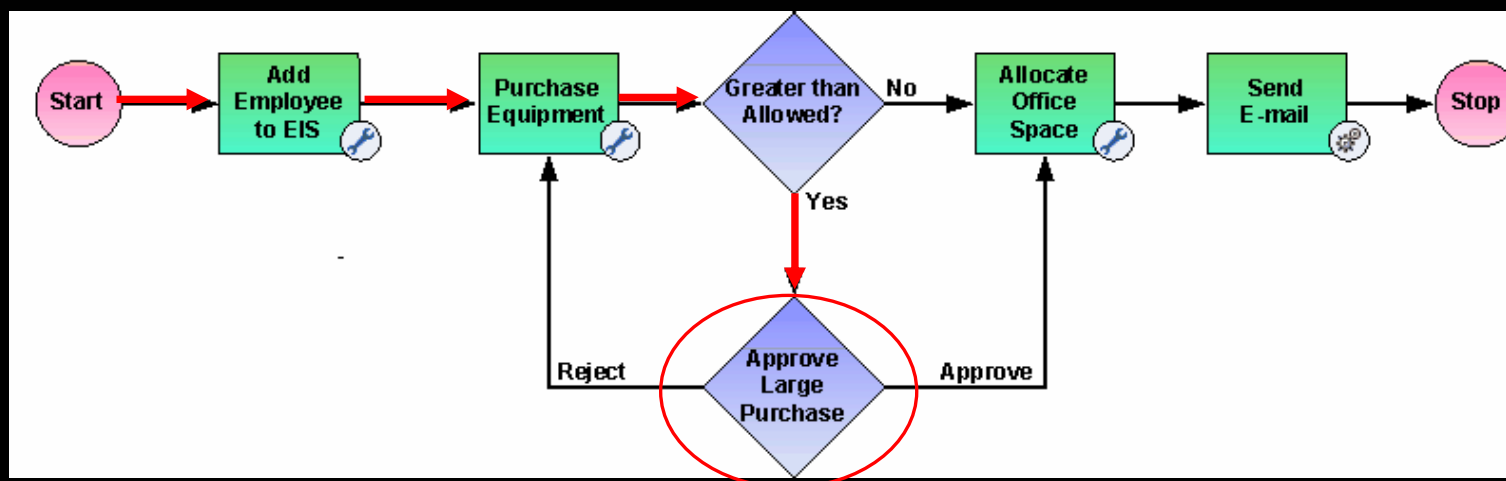
Name	Current Task	Assigned To	Status	Last Date Modified	Details
<input type="checkbox"/> Bill Wright	Purchase New Hardware	Multiple possible	Unclaimed	June 9, 2006	
<input type="checkbox"/> Greg Burns	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Heather Reed	Approve Large Purchase	Multiple possible	Unclaimed	June 16, 2006	
<input type="checkbox"/> Martha Darcy	<a href="#">Enter New employee details on HRSS</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Mike Motler	<a href="#">Allocate Office Space</a>	wpsadmin	Claimed	June 14, 2006	
<input type="checkbox"/> Tod Williams	<a href="#">Purchase New Hardware</a>	wpsadmin	Claimed	June 9, 2006	
<input type="checkbox"/> Tracy Burke	Enter New employee details on HRSS	Multiple possible	Unclaimed	June 9, 2006	

Page 1 of 1 Jump to page:

Home Administration Documents Messaging Site Map

Done

# “Bring On Board” Workflow – Where we are



# Run the Workflow enabled Application



Lucille, the second-line manager, logs in ....

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Manage New Hires > On Boarding > Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

### Workflow List

Enter name  **New** Delete Claim Unclaim Show: Assigned to me

Name	Current Task	Assigned To	Status	Last Date Modified	Details
<input type="checkbox"/> Heather Reed	<a href="#">Approve Large Purchase</a>	wpsadmin	Claimed	June 16, 2006	
<input type="checkbox"/> Tod Williams	<a href="#">Approve Large Purchase</a>	wpsadmin	Claimed	June 16, 2006	

Home Administration Documents Messaging Site Map

Done



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Manage New Hires > Open Tasks > Approve Large Purchase >

Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Approve Large Purchase

Purchase Equipment - WebSphere Portlet Factory

Name	Heather Reed
Employee ID	000030
Type	Desktop
Monitor Size	20 inch
Hard Drive	300 GB
RAM	2 GB
Total	\$1900

Current Task

**DSL Bring On Board Application name**

Name:  
**Heather Reed**

Current Task:  
**Approve Large Purchase**

Second line managers approve purchases over \$1000

[View more details about this task](#)

Related Content

Name	Owner	Last Date Modified
<a href="#">Heather Reed Resume 2006</a>		6/16/06
This is the Resume of Heather Reed 126 Newbury St 02162 Boston MA		
<a href="#">Job Description</a>		6/16/06
Job Description for the Development Manager Position		

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Manage New Hires > On Boarding > Search: All Sources Log Out

On Boarding Hiring Policies Open Tasks

Workflow List

The task Approve Large Purchase is complete.

Enter name  **New** Delete Claim Unclaim Show: Assigned to me

Name	Current Task	Assigned To	Status	Last Date Modified	Details
<input type="checkbox"/> Tod Williams	<a href="#">Approve Large Purchase</a>	wpsadmin	Claimed	June 16, 2006	

Page 1 of 1 Jump to page:

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