

Ad Hoc Agent Assignment for Workflow

Applies to:

This article applies to SAP ECC 6.0.

Summary

This article is about the Ad hoc Agent Assignment for workflow. The workflow initiator assigns a recipient to the steps in the workflow at runtime.

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Create a New Workflow

Create the new workflow named as "wf_4ad hoc "

The screenshot shows the SAP Workflow Builder interface for editing a workflow named 'wf_4ad hoc'. The main window displays a graphical model with three steps: 'Workflow started', 'Undefined-Double-click for new step', and 'Workflow completed'. The left sidebar contains the 'Information Area' (Workflow: WS90000089, Version: 0000 (0000) Definition, Status: New, Saved), 'Navigation Area', 'Steps' (000002 Undefined), and 'Workflow Container' (Element: <Double-Click to Create>). The bottom status bar indicates 'Workflow definition 'wf_4ad hoc' saved'.

Drag and drop the activity from the step type

The screenshot shows the configuration screen for a step type in the SAP Workflow Builder. The 'Information Area' shows the workflow 'WS90000089' and step '000004'. The 'Step Name' is 'Binding (Does Not Exist)'. The 'Agents' section includes 'Expression' and 'Excluded' fields. The 'Task Properties' section has checkboxes for 'Agent Assignment', 'Background Processing', 'Task Complete', and 'Confirm End of Processing'. The 'Step Types That Can Be Inserted' list includes 'Activity', 'Web activity', 'Send Mail', and 'Form'. The bottom status bar shows 'DEVELOPER2 | sapsrv | OVR'.

Create the Task for Leave Form

In that give your own abbreviation and name for the task.

Object Category : BOR Object

Object Type : FORMABSENC.

Method : CREATE.

Standard task

Name

Package

Applicatn Component

Basic data Description Container Triggering events Terminating events Default rules SAPphone

Name

Abbr. task4leave

Name task4leaveform

Release status Not defined

Work Item Text

Work item text

Object method

Object Category BO BOR Object Type

Object Type FORMABSENC

Method CREATE

Synchronous object method

Object method with dialog

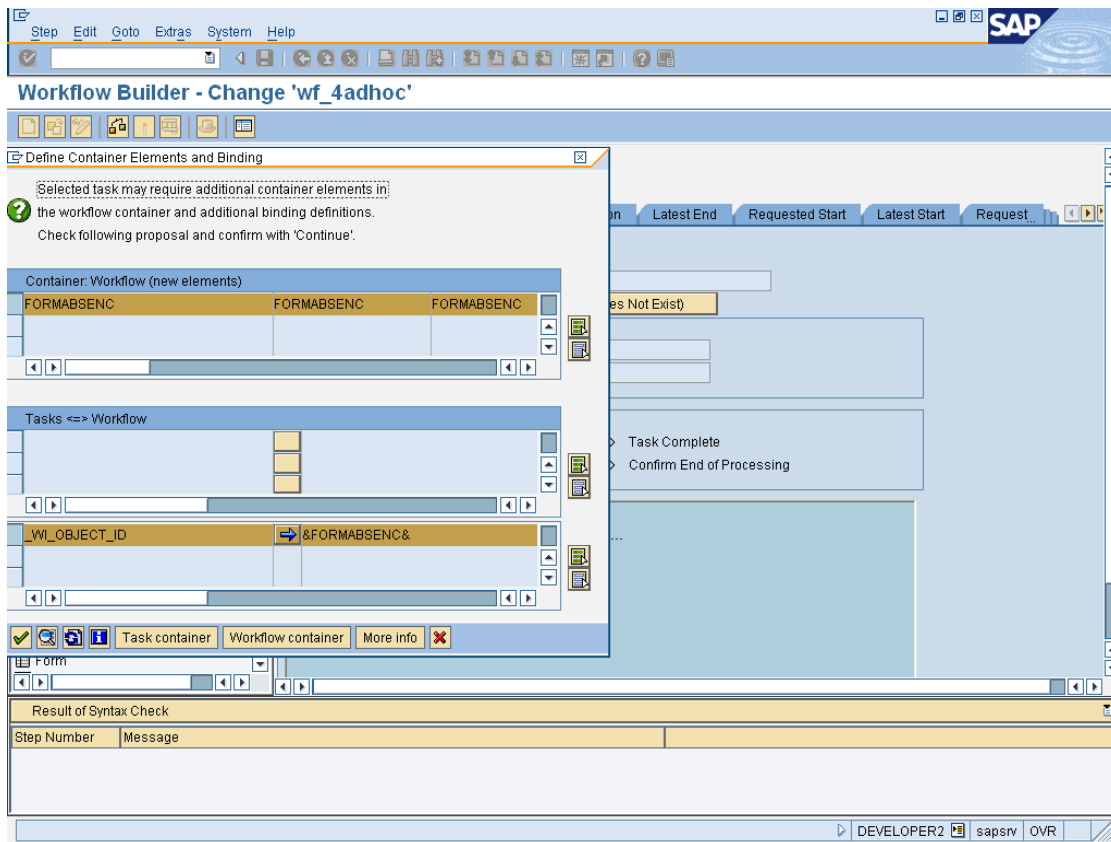
Execution

Background processing Executable with SAPforms

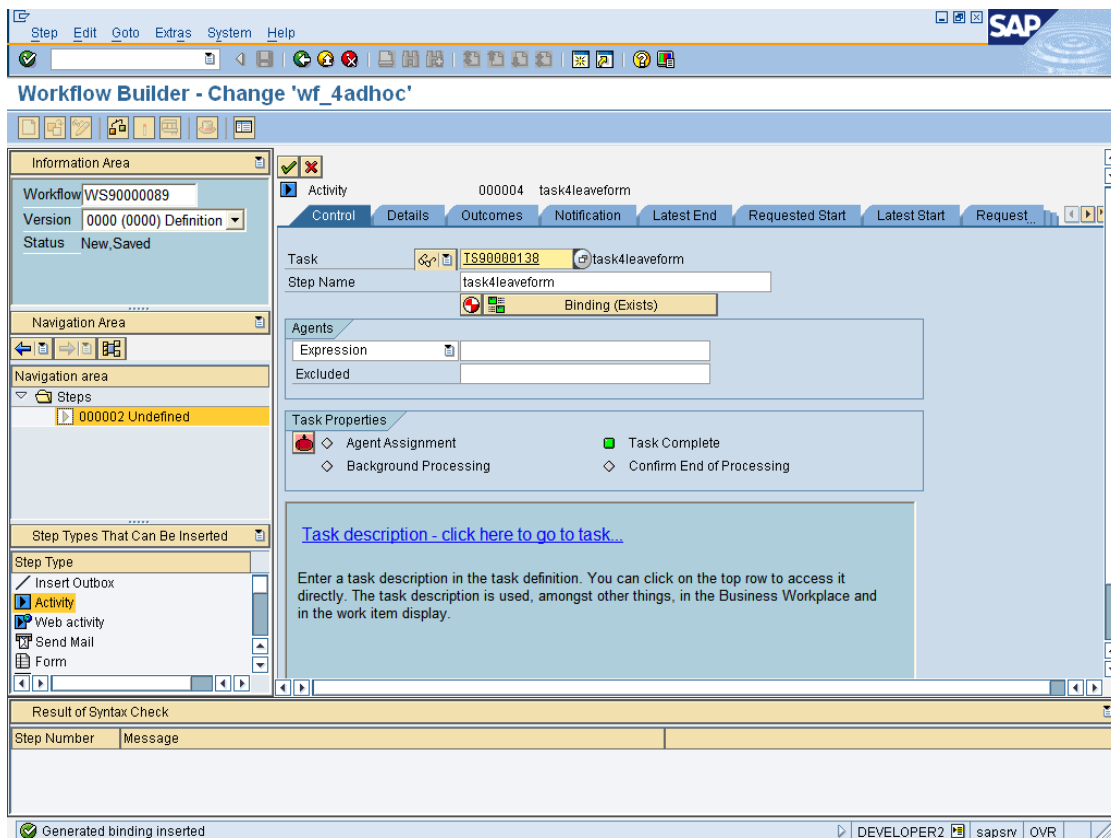
Confirm end of processing

DEVELOPER2 sapsrv OVR

Now save the task and go back .Now the binding between the task and the workflow was shown like.



Click ok (Tick mark) button. Now the task complete option was active.



You don't fill any agent for this task. You leave it as empty as shown in the figure.

Set the Agent Assignment as General Task

Now we move to the Task properties. Click the agent assignment icon.

The screenshot shows the SAP 'Standard task: Maintain Agent Assignment' window. The table below contains the following data:

Name	ID	General or Background Task	Task Version	Assigned as...	Assigned until
task4leaveform	TS 90000138				

The status bar at the bottom indicates: 'You are maintaining agent assignment for task TS90000138' and the user is 'DEVELOPER2' in 'sapsrv' mode with 'OVR' (override) flag.

Now choose the task and click the attributes button.

The screenshot shows the same SAP window, but with the 'Task' dialog box open for the selected task 'task4leaveform'. The dialog box contains the following options:

- General Task
- General forwarding allowed
- General forwarding not allowed
- Forwarding not allowed

Classification: NO_CLASS Not cl

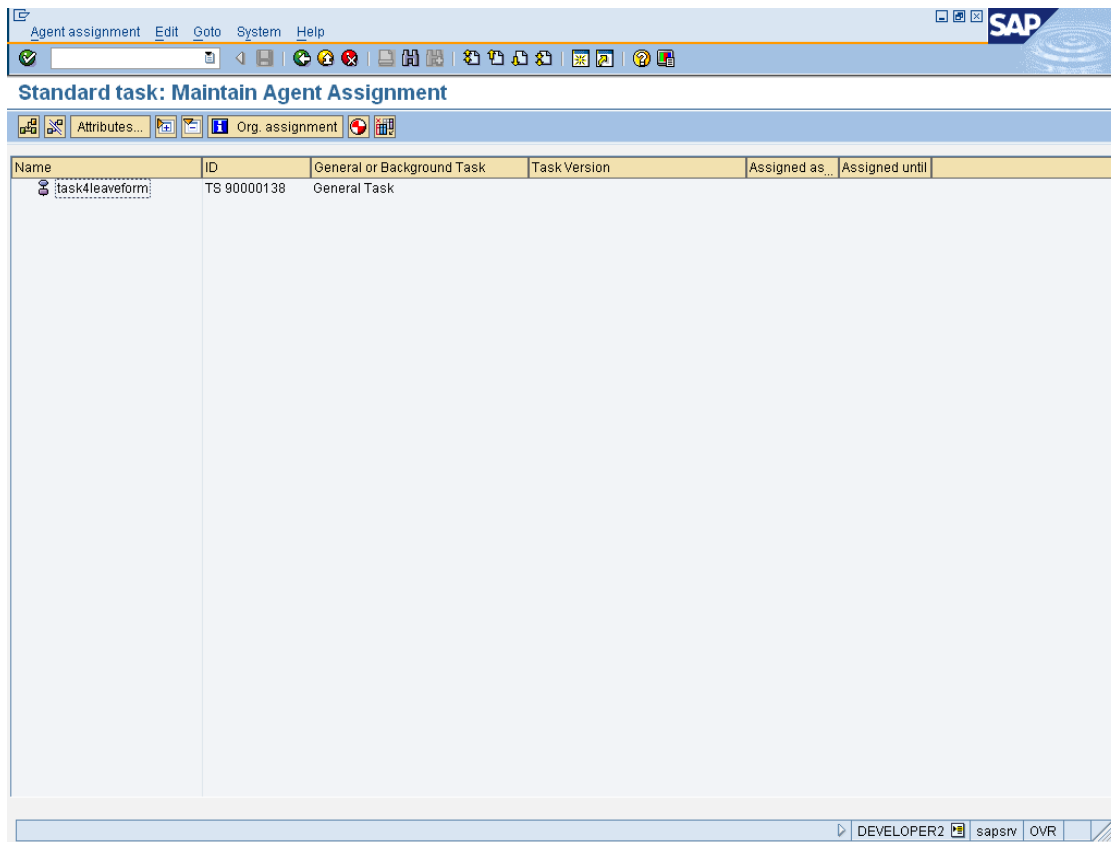
Locked for instantiation

Locked against execution

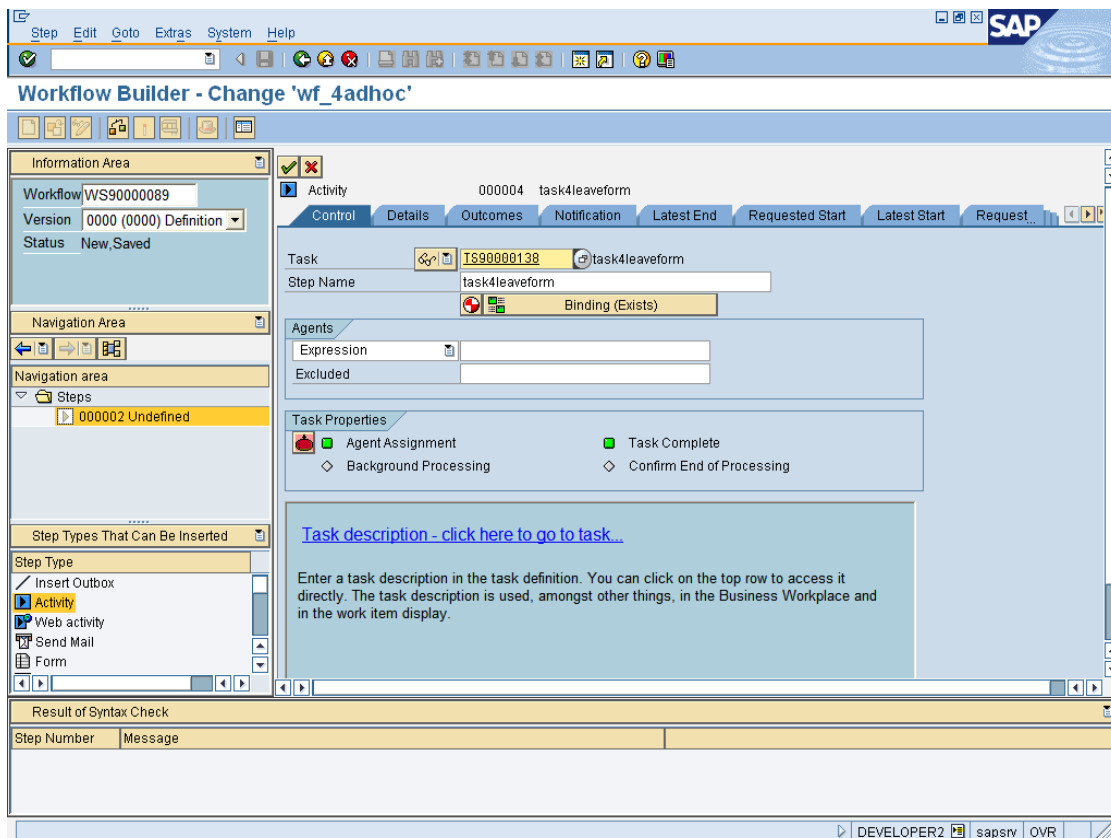
Buttons: Transfer (checked), Cancel (X)

The status bar at the bottom remains the same: 'DEVELOPER2' in 'sapsrv' mode with 'OVR' flag.

Choose the General Task and click the Transfer button. Now it shown like



You go back to the workflow builder now the Agent Assignment was active.

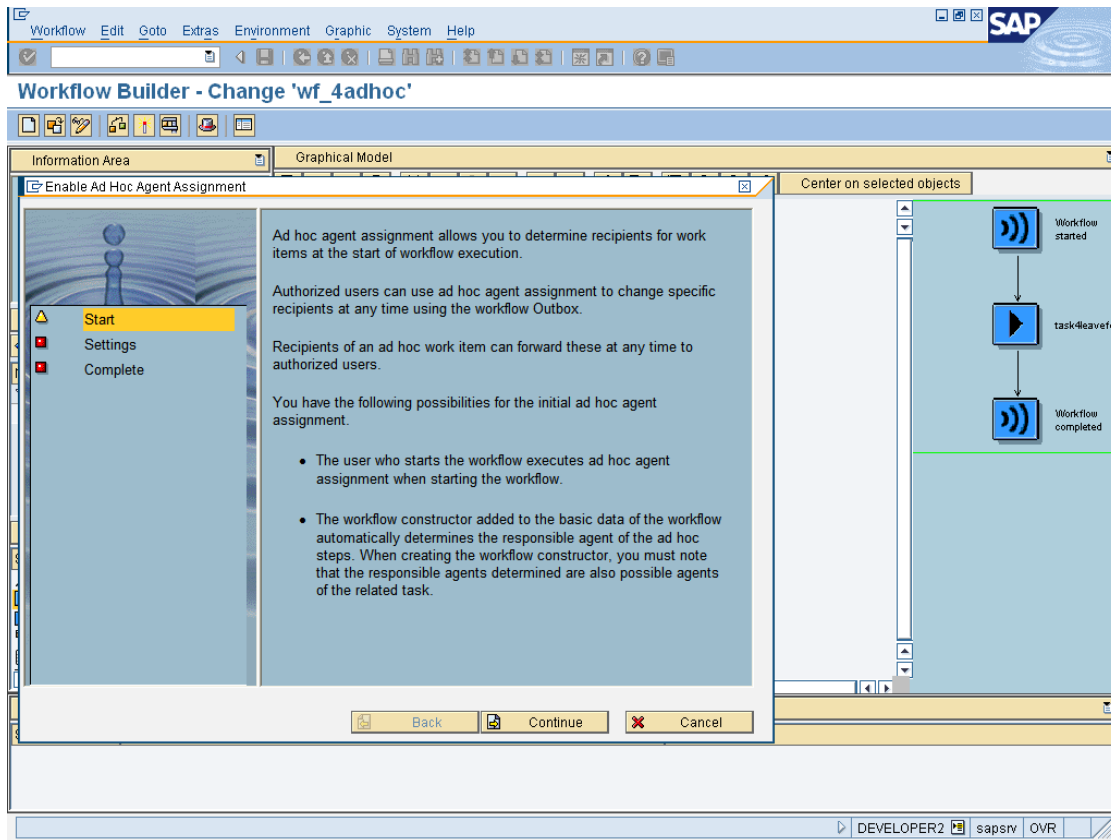


Click the Ok button.

Enable the Ad Hoc Agent Assignment

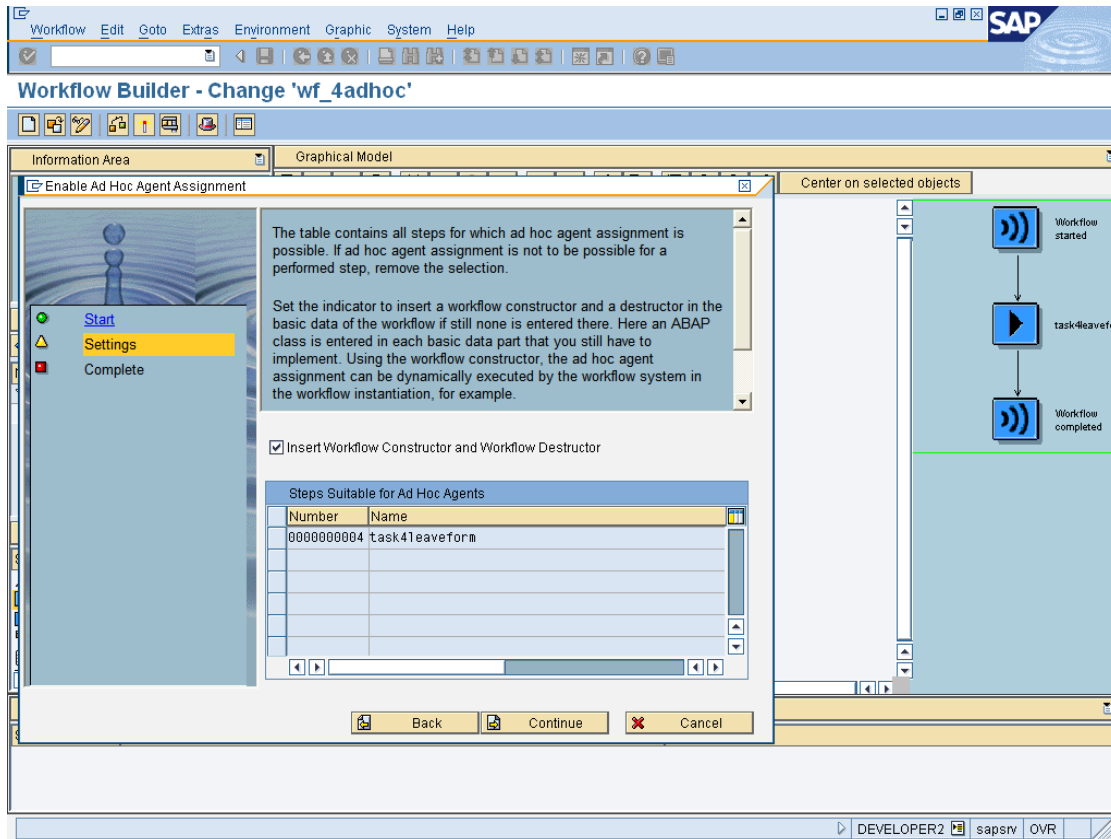
Now Go to the **Extras -> Ad_hoc functions -> Enable the Ad hoc Agent Assignment**.

Now the enable the Ad hoc Agent Assignment Wizard will be opened.

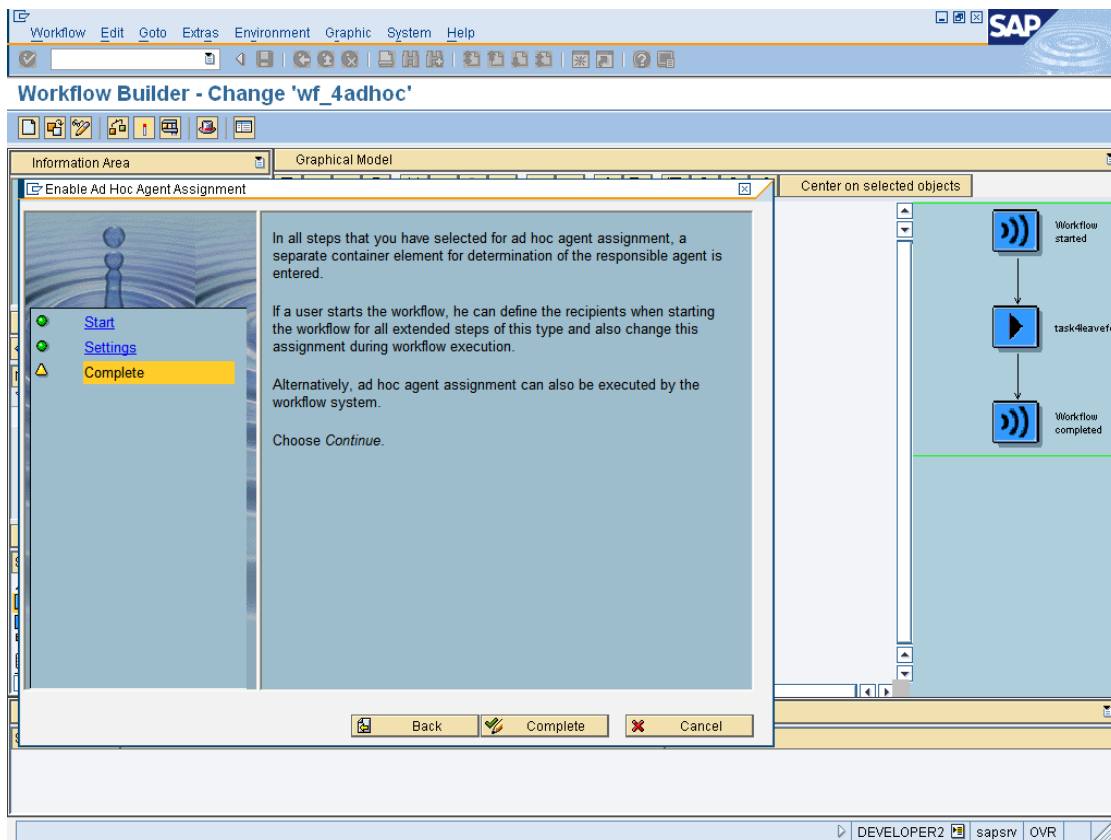


Click the Continue Button.

Now it shows your Task Number and Name and check whether the "insert the workflow constructor and workflow destructor" will be selected or not. If not means now you select that option.



Click the Continue Button.



Now the wizard was completed click the Complete Button.

You check the task it will automatically filled the agent name as: &Agent_0001.Agents&

Now you can Save the Workflow and activate it.

Test the Workflow

Execute the Workflow.

Now its looks like the following figure.

The screenshot shows the SAP Workflow Test interface. The top menu bar includes Workflow, Edit, Goto, Environment, System, and Help. Below the menu is a toolbar with various icons. The main area is titled "Test Workflow" and contains several tabs: Refresh Organizational Environment, Workflow Log, Business Workplace, and Display Task. The workflow details are as follows:

Workflow	WS90000089	wf_4adhoc
Type	Workflow template	
Name	wf_4adhoc	
Validity	01.01.1900	To 31.12.9999

Below the details are tabs for Input Data, Ad Hoc Agents, DeadlineData, and Outcome. The "Test Data" section is active, showing a table with the following data:

Expression	M	Values
□ _WF_Initiator		USDEVELOPER2
□ _WF_Priority		5
▷ ⊗ _WF_Group_ID		< No Instance >
▷ ⊗ Agent_0001		< No Instance >

At the bottom of the interface, there is a status bar showing the user is DEVELOPER2, the system is sapsrv, and the mode is OVR.

You click the Ad_hoc Agent tab.

The screenshot shows the SAP Workflow Test interface with the "Ad Hoc Agents" tab selected. The workflow details are the same as in the previous screenshot. The main area displays a message: "Who does what? Specify the agents here...". Below this message is a text input field containing "task4leaveform" and a "Check agents" button. The status bar at the bottom shows the user is DEVELOPER2, the system is sapsrv, and the mode is OVR.

You enter the name of the user who wants to do this task . In my Example I entered Developer2. And then click the Check Agent Button. It automatically creates the random key for that user and it will be assigned to the Agent_001.

The screenshot shows the SAP Workflow Test Workflow interface. The top menu bar includes Workflow, Edit, Goto, Environment, System, and Help. The main window displays the following information:

- Workflow: WS9000089 wf_4adhoc
- Type: Workflow template
- Name: wf_4adhoc
- Validity: 01.01.1900 To 31.12.9999

Below this, there are tabs for Input Data, Ad Hoc Agents, DeadlineData, and Outcome. The Ad Hoc Agents tab is active, showing a table with the following data:

Expression	M	Values
□ _WF_Initiator		USDEVELOPER2
□ _WF_Priority		5
▷ _WF_Group_ID		< No Instance >
▷ Agent_0001		AAGENT:C31695CF3D990F40B640DF5C1FC09FF3

At the bottom of the window, the status bar shows the user 'DEVELOPER2' and the role 'sapsrv OVR'.

Now again click the execute Button. Now the Leave Form will be waiting for the user to fill.

The screenshot shows the SAP 'Create Notification of Absence' form. The top menu bar includes Form, Edit, Goto, System, and Help. The form is divided into several sections:

- Application Data:** Number: 4987, Status: New
- Personal Data:** Name: Developer2, Department: (empty), Personnel no.: (empty), Cost center: (empty)
- Absence Data:**

	By	to	Hours	Leave Type
Leave 1	24.10.2007	24.10.2007		R Vacation
Leave 2				R Vacation
Leave 3				R Vacation

Reason: (empty)
Contact at: (empty)
- Entry and Approval:** Date: 24.10.2007, Issuer: DEVELOPER2, Date: (empty), Approver: (empty)

At the bottom of the window, the status bar shows the user 'DEVELOPER2' and the role 'sapsrv OVR'.

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