

A top-down photograph of four people's legs and arms gathered around a laptop on a dark wooden table. The person on the left wears a grey sweater. The person in the top center wears a tan fuzzy sweater and blue jeans. The person in the top right wears black leggings and brown boots. The person on the right wears a teal ribbed sweater and brown sandals. A tablet with a blue screen is visible at the bottom of the frame.

USER INTERACTION BPA'S

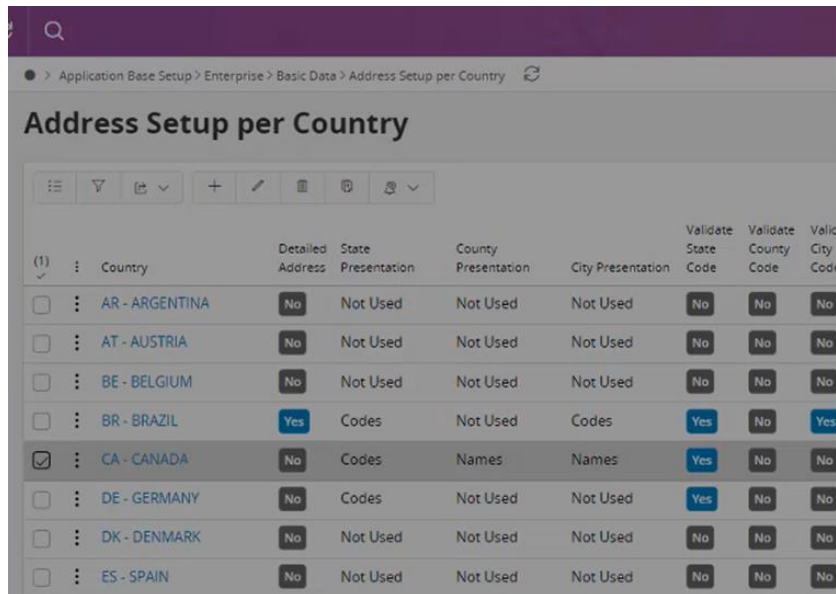
BUSINESS PROCESS AUTOMATION

USER INTERACTION BPA'S

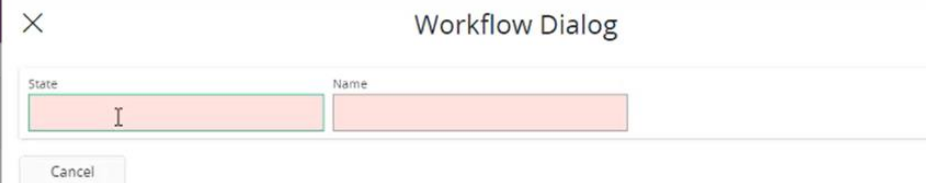
BACKGROUND

User Interaction BPA's are used when a user performs an action and the business process requests the user to enter additional information regarding that transaction. This information can then be used within a CRUD operation when calling different projections.

The next example shows creating a user interaction BPA but also passing the information in a projection call to create a State.



	Country	Detailed Address	State Presentation	County Presentation	City Presentation	Validate State Code	Validate County Code	Validate City Code
<input type="checkbox"/>	AR - ARGENTINA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	AT - AUSTRIA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BE - BELGIUM	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BR - BRAZIL	Yes	Codes	Not Used	Codes	Yes	No	Yes
<input checked="" type="checkbox"/>	CA - CANADA	No	Codes	Names	Names	Yes	No	No
<input type="checkbox"/>	DE - GERMANY	No	Codes	Not Used	Not Used	Yes	No	No
<input type="checkbox"/>	DK - DENMARK	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	ES - SPAIN	No	Not Used	Not Used	Not Used	No	No	No



Workflow Dialog

State: I Name:

Cancel

USER INTERACTION BPA'S

CUSTOM EVENT

The screenshot shows the 'New Custom Event' form in the IFS Solution Manager. The breadcrumb trail is 'Solution Manager > Integration > Events > New Custom Event'. The left sidebar contains a 'Find page' search bar and a list of navigation items: 'New Custom Event', 'Events', 'New Custom Event' (highlighted), 'Custom Event', 'Event Actions', 'New Event Action', and 'Event Action Details'. The main form area has a title 'New Custom Event' and a progress bar with four steps: 'Set Event ID and Description' (active), 'Add Object Details', 'Select Attributes', and 'Add Additional Attributes'. Below the progress bar are two input fields: 'Event ID' containing 'CMCSTATEHANDLING' and 'Description' containing 'State Handling'. Red arrows point from a purple callout box 'Add Event ID and Description' to both input fields. At the bottom of the form are four buttons: 'Previous', 'Next', 'Finish', and 'Cancel'. A red arrow points from a purple callout box 'Hit Next' to the 'Next' button. The top right of the interface shows a notification bell, a chat icon, and a user profile for 'IA IFS Application owner'.

Solution Manager > Integration > Events > New Custom Event

New Custom Event

Set Event ID and Description Add Object Details Select Attributes Add Additional Attributes

Event ID CMCSTATEHANDLING Description State Handling

Previous Next Finish Cancel

Add Event ID and Description

Hit Next

USER INTERACTION BPA'S

CUSTOM EVENT

Find page
... / Integration / Events
New Custom Event
Events
New Custom Event
Custom Event
Event Actions
New Event Action
Event Action Details

Solution Manager > Integration > Events > New Custom Event

New Custom Event

Set Event ID and Description — Add Object Details — Select Attributes — Add Additional Attributes

Object Details trwtwtw

Logical Unit
EnterpAddressCountry

Table
ENTERP_ADDRESS_COUNTRY_TAB

Fire When:

New objects are created ☐

Objects are removed ☐

Objects are changed ☒

Only when these attributes are changed

Previous Next Finish Cancel

Add Logical Unit and Table

Choose when the event should fire then hit Next.

USER INTERACTION BPA'S

CUSTOM EVENT

Solution Manager > Integration > Events > New Custom Event

New Custom Event

Set Event ID and Description — Add Object Details — Select Attributes — **Finish** — Add Additional Attributes

✓	Name	Server method (PL/SQL function)	Data Type
(No data)			

◀ Previous ▶ Next **Finish** Cancel

Hit Finish and Open the Workflow Designer screen.

USER INTERACTION BPA'S

BPA CREATION



The Start Event will automatically be added to the screen, now add the next steps in the BPA either by drag and drop or selecting the task and selecting Append Task, Decision/Gateways or events.

Task_09w28h2

General Forms Listeners Input

General

Id

Task_09w28h2

This maps to the task definition key.

Name

Do you want to create a state?

Details

Assignee

Candidate Users

Candidate Groups

Due Date

The due date as an EL expression (e.g. \${someDate}) or an ISO date (e.g. 2015-06-26T09:54:00)

USER INTERACTION BPA'S

BPA CREATION – USER TASK

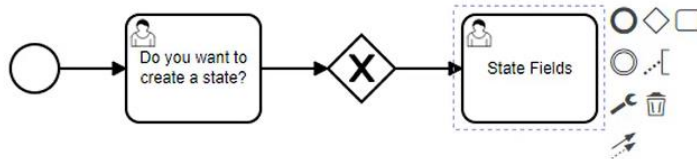
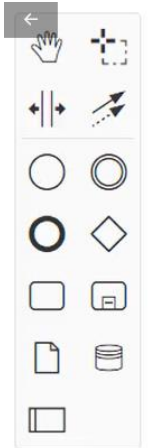
The screenshot displays the IFS Workflow Designer interface. On the left is a navigation pane with a search bar and a list of categories: Solution Manager, Workflow Designer, Security, Background Processing, Integration, Aurena Native, Operational Reporting, Data Management, Application Configurations, User Profile, Business Reporting and Analysis, Monitoring, API Explorer, and Workflow. The main workspace shows a workflow diagram with a task labeled "Do you want to create a state?". A red arrow points from this task to the "Forms" tab in the right-hand "Task_16roicd" details panel. The "Forms" tab contains a "Form Key" field with the value "StatePrompt", a "Form Fields" list with a single entry "Question", and a "Form Field" configuration section. The "Form Field" section includes fields for "ID" (set to "Question"), "Type" (set to "boolean"), "Label" (with a "+" button), "Locale" (set to "en"), and "Label" (set to "Do you want to"). A red arrow points from the "Label" field in the "Form Field" section to the text box below. The top of the interface features a purple header bar with navigation icons and a user profile icon labeled "IA IFS Application owner".

Select the User task and the Details Panel will change. Select the Forms tab and enter the field ID, field Type label and locale code – the label will be seen by the user.

USER INTERACTION BPA

2ND USER TASK

A Gateway/Decision (No conditions added yet) has been added and then another User Task.



Enter the Form Key and the different form fields required to be made visible to the user. The fields that are in this example are projection fields that will be used in the final projection call. Enter Name and Type of field.

Task_0a0pffh

General Forms Listeners Input

Forms

Form Key

StatePrompt

Form Fields

StateCode

StateName

Form Field

ID

StateName

Type

string

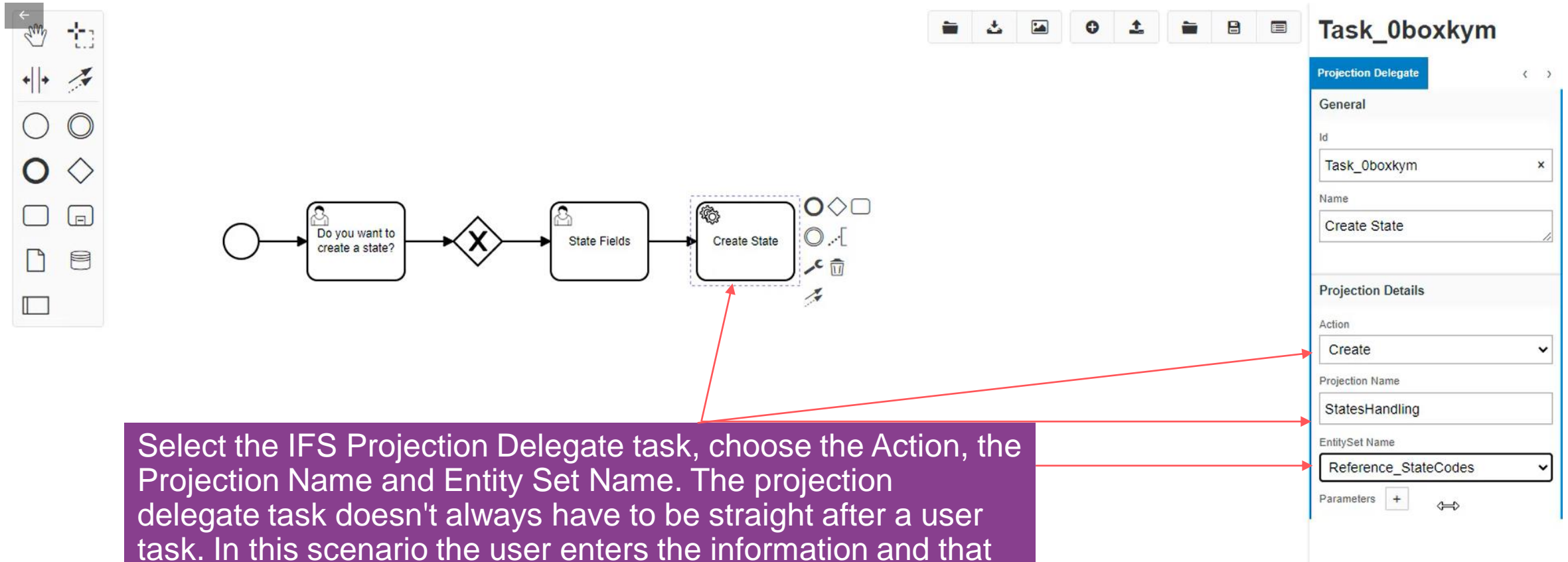
Label

Name

Default Value

USER INTERACTION BPA

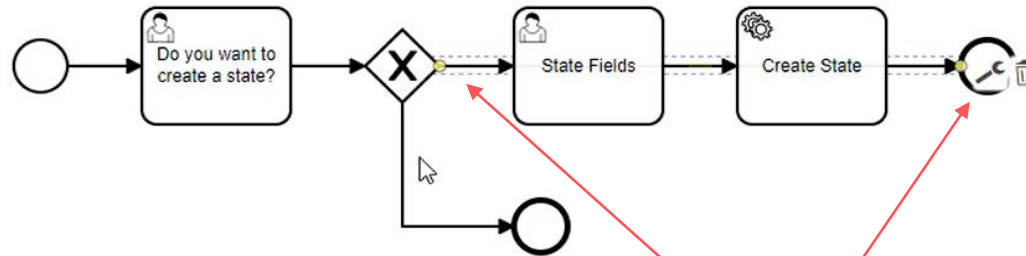
PROJECTION DETAILS



Select the IFS Projection Delegate task, choose the Action, the Projection Name and Entity Set Name. The projection delegate task doesn't always have to be straight after a user task. In this scenario the user enters the information and that information is used to create the State record.

USER INTERACTION BPA

ADD CONDITION TO DECISION



Add End Events then select the condition and enter the script to get a variable that you have added to the previous user task.

SequenceFlow_1...

General Listeners Extensions

General

Id
SequenceFlow_1hcm6j2

Name

Details

Condition Type
Script

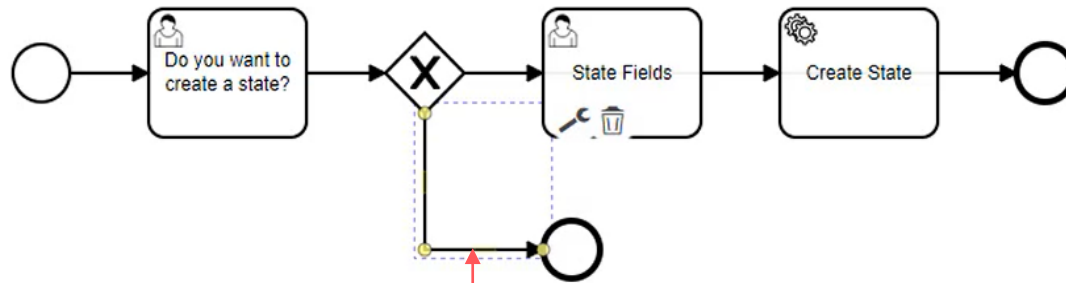
Script Format
Javascript

Script Type
Inline Script

Script
`execution.getVariable('Question')==true`

USER INTERACTION BPA

ADD TO NEXT CONDITION



Select the next condition and enter the script to get a variable that you have added to the previous user task.

SequenceFlow_0...

General Listeners Extensions

General

Id

SequenceFlow_0shh1cl x

Name

Details

Condition Type

Script v

Script Format

Javascript x

Script Type

Inline Script v

Script

```
execution.getVariable('Question')==  
false
```

USER INTERACTION BPA

SAVE

The screenshot displays the IFS User Interaction BPA editor interface. A central dialog box titled "Save Diagram" is open, prompting the user to "Specify the diagram name and save to server." The dialog includes a "File Details" section with a "Name" input field. A red arrow points from a purple instruction box at the bottom to this input field. Another red arrow points from the same instruction box to the "Save" button in the dialog. In the background, a process diagram is visible, featuring a start node, a task node labeled "Do you want to create a state?", an exclusive gateway (diamond with an 'X'), and a state function node labeled "State F". The right sidebar shows the "SequenceFlow_0..." configuration panel with tabs for "General", "Listeners", and "Extensions". The "General" tab is active, showing fields for "Id" (SequenceFlow_0shh1cl), "Name", "Condition Type" (Script), "Script Format" (Javascript), "Script Type" (Inline Script), and a "Script" area containing the code: `execution.getVariable('Question')==` followed by a line break and `lse`.

Save Diagram

Specify the diagram name and save to server.

File Details

Name

SequenceFlow_0...

General | Listeners | Extensions

General

Id
SequenceFlow_0shh1cl

Name

Details

Condition Type
Script

Script Format
Javascript

Script Type
Inline Script

Script
`execution.getVariable('Question')==`
`lse`

Hit Save Button and Enter a Name

USER INTERACTION BPA

SAVE

The screenshot displays the IFS User Interaction BPA editor interface. In the center, a 'Save Diagram' dialog box is open, prompting the user to 'Specify the diagram name and save to server.' The dialog includes a 'File Details' section with a 'Name' field containing the text 'bpaStateHandling'. At the bottom of the dialog are 'Save' and 'Close' buttons. A red arrow points from a purple callout box labeled 'Hit Save Button' to the 'Save' button. The background shows a process diagram with a start node, a task 'Do you want to create a state?', an XOR gateway, and a state function. The right sidebar shows the 'SequenceFlow_0...' configuration panel with tabs for 'General', 'Listeners', and 'Extensions'. The 'General' tab is active, showing fields for 'Id' (SequenceFlow_0shh1cl), 'Name', 'Condition Type' (Script), 'Script Format' (Javascript), 'Script Type' (Inline Script), and a 'Script' field containing the code `execution.getVariable('Question')==false`. The IFS logo is visible in the bottom left corner.

USER INTERACTION BPA

DEPLOY TO SERVER

The screenshot displays the IFS BPM Studio interface. A central popup window titled "Deploy Diagram" is open, prompting the user to "Specify deployment name and deploy this diagram to Camunda." Below this, the "Deployment Details" section shows the "Name" field populated with "bpaStateHandling". At the bottom of the popup are "Deploy" and "Close" buttons. A red arrow points from the "Deploy" button in the popup to the "Deploy" button in the top toolbar. Another red arrow points from the "Name" field to the "bpaStateHandling" entry in the right-hand configuration panel.

Deploy Diagram
Specify deployment name and deploy this diagram to Camunda.

Deployment Details
Name: bpaStateHandling

bpaStateHandling
General | Listeners | Extensions
Id: bpaStateHandling
This maps to the process definition key.
Name:
Version Tag:
☒ Executable
External Task Configuration
Task Priority:

Hit Deploy Button, enter the name and hit the Deploy button within the popup window

USER INTERACTION BPA

GO TO EVENT ACTION SCREEN

The screenshot shows the 'Event Action Configuration' screen in the IFS application. The left sidebar contains a navigation menu with options like 'Find page', 'Solution Manager', 'New Event Action', 'Security', 'Background Processing', 'System Information and Utilities', 'Aurena Native', 'Integration', 'Operational Reporting', 'Data Management', 'Application Configurations', and 'User Profile'. The main content area is titled 'Event Action Configuration' and includes a progress bar with three steps: 'Event Action General Info' (active), 'Action Details', and 'Enable Event Action'. Below the progress bar, there are three input fields: 'Find Event Action Type' (set to 'Workflow'), 'Perform upon Event' (set to 'CMCSTATEHANDLING'), and 'Action Description' (containing 'State Handling'). A table titled 'Conditions' is currently empty, showing '(No data)'. At the bottom, there are four buttons: 'Previous', 'Next', 'Finish', and 'Cancel'. Red arrows point from the 'Next' button and the 'Action Description' field to callout boxes. The top right of the screen shows the user's profile as 'IA IFS Application owner'.

Event Action Configuration

Event Action General Info Action Details Enable Event Action

Choose Event Action Type Group

Find Event Action Type Perform upon Event Action Description

Workflow CMCSTATEHANDLING State Handling

Conditions

Name	Condition	Value
(No data)		

Previous Next Finish Cancel

Select Workflow Event Action Type, Select your event and provide a description.

Then hit Next button

USER INTERACTION BPA

EVENT ACTION

Find page

< Solution Manager

New Event Action

Security >

Background Processing >

System Information and Utilities >

Aurena Native >

Integration >

Operational Reporting >

Data Management >

Application Configurations >

User Profile >

Business Reporting and Analysis >

Monitoring >

API Explorer

Solution Manager > New Event Action

Event Action Configuration

Event Action General Info — Action Details — Enable Event Action

Event

General

Workflow

Workflow ID:

bpaStateHandling

Type:

User Interaction

Timing:

After

Parameters

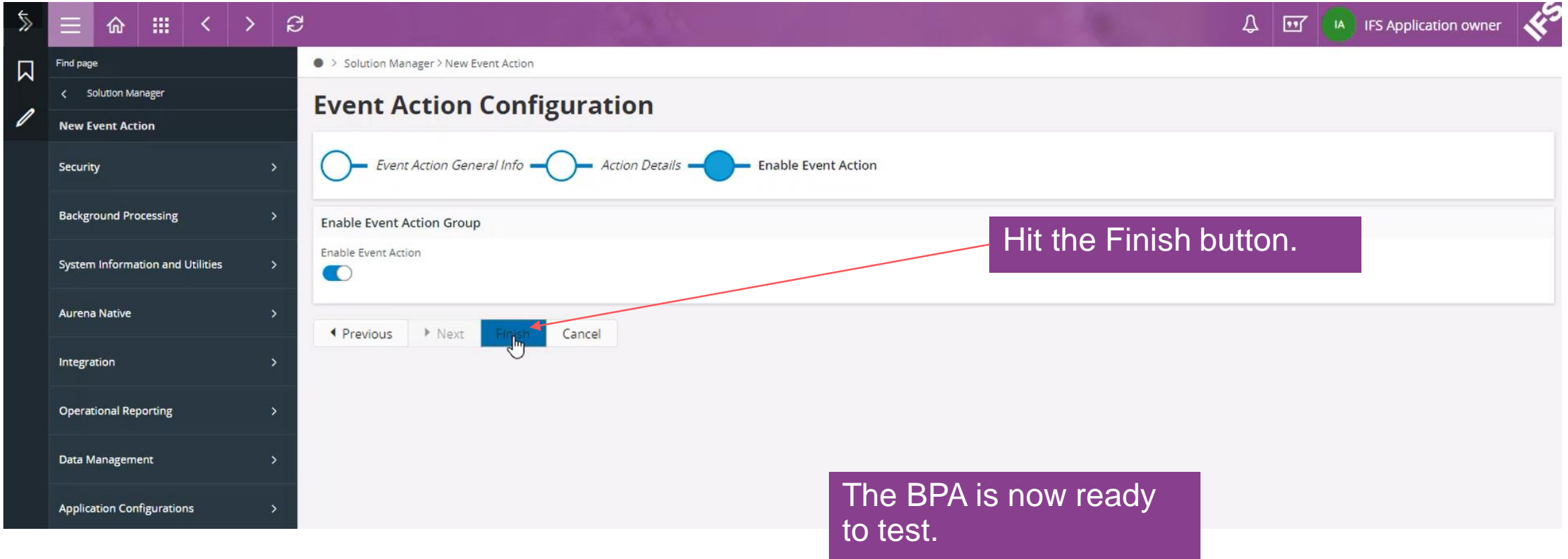
(No data)

Previous Next Finish Cancel

Add Workflow ID that was added to the BPA, Select User Interaction and Timing to be After. Then hit the Next button.

USER INTERACTION BPA

EVENT ACTION



The screenshot displays the IFS Event Action Configuration interface. The left sidebar contains a navigation menu with options: Find page, Solution Manager, New Event Action, Security, Background Processing, System Information and Utilities, Aurena Native, Integration, Operational Reporting, Data Management, and Application Configurations. The main content area is titled 'Event Action Configuration' and shows a progress bar with three steps: 'Event Action General Info', 'Action Details', and 'Enable Event Action'. The 'Enable Event Action' step is currently active. Below the progress bar, there is a section titled 'Enable Event Action Group' with a toggle switch labeled 'Enable Event Action' that is currently turned on. At the bottom of the configuration area, there are four buttons: 'Previous', 'Next', 'Finish', and 'Cancel'. A red arrow points from a text box to the 'Finish' button. Another text box points to the 'Finish' button with the instruction 'Hit the Finish button.' A third text box at the bottom right states 'The BPA is now ready to test.'

Find page

< Solution Manager

New Event Action

Security >

Background Processing >

System Information and Utilities >

Aurena Native >

Integration >

Operational Reporting >

Data Management >

Application Configurations >

> Solution Manager > New Event Action

Event Action Configuration

Event Action General Info — Action Details — **Enable Event Action**

Enable Event Action Group

Enable Event Action

☒

◀ Previous ▶ Next **Finish** Cancel

Hit the Finish button.

The BPA is now ready to test.

USER INTERACTION BPA

DEMO/TEST BPA CONFIGURED

The screenshot displays the IFS application interface. The left sidebar contains a navigation menu with items: Find page, Enterprise Identities Series, Address Setup, Address Presentation, Address Setup per Country (highlighted), States, Counties, Cities, Zip Codes, and Contact Roles. The main content area is titled 'Address Setup per Country' and shows a table with columns: Country, Detailed Address, State Presentation, County Presentation, City Presentation, Validate State Code, Validate County Code, and Validate City Code. A red arrow points from a purple callout box labeled 'Hit Edit.' to the edit icon in the table header.

Country	Detailed Address	State Presentation	County Presentation	City Presentation	Validate State Code	Validate County Code	Validate City Code
AR - ARGENTINA	No	Not Used	Not Used	Not Used	No	No	No
AT - AUSTRIA	No	Not Used	Not Used	Not Used	No	No	No
BE - BELGIUM	No	Not Used	Not Used	Not Used	No	No	No
BR - BRAZIL	Yes	Codes	Not Used	Codes	Yes	No	Yes
CA - CANADA	No	Codes	Names	Names	No	No	No
DE - GERMANY	No	Codes	Not Used	Not Used	Yes	No	No
DK - DENMARK	No	Not Used	Not Used	Not Used	No	No	No
ES - SPAIN	No	Not Used	Not Used	Not Used	No	No	No
FI - FINLAND	No	Not Used	Not Used	Not Used	No	No	No
FR - FRANCE	No	Not Used	Codes	Not Used	No	No	No
GB - UNITED KINGDOM	No	Not Used	Names	Names	No	No	No
IE - IRELAND	No	Not Used	Not Used	Not Used	No	No	No

USER INTERACTION BPA

MODIFY VALIDATE STATE CODE

The screenshot displays the IFS application interface. The left sidebar contains a navigation menu with items like 'Find page', 'Enterprise Identities Series', 'Address Setup', 'Address Presentation', 'Address Setup per Country' (highlighted), 'States', 'Counties', 'Cities', 'Zip Codes', and 'Contact Roles'. The main content area is titled 'Address Setup per Country' and shows a table of configuration options for various countries. A red arrow points to the 'Validate State Code' toggle for Canada, which is currently off. A callout box with the text 'Modify Validate State Code' is positioned next to the arrow.

Application Base Setup > Enterprise > Basic Data > Address Setup per Country

Address Setup per Country

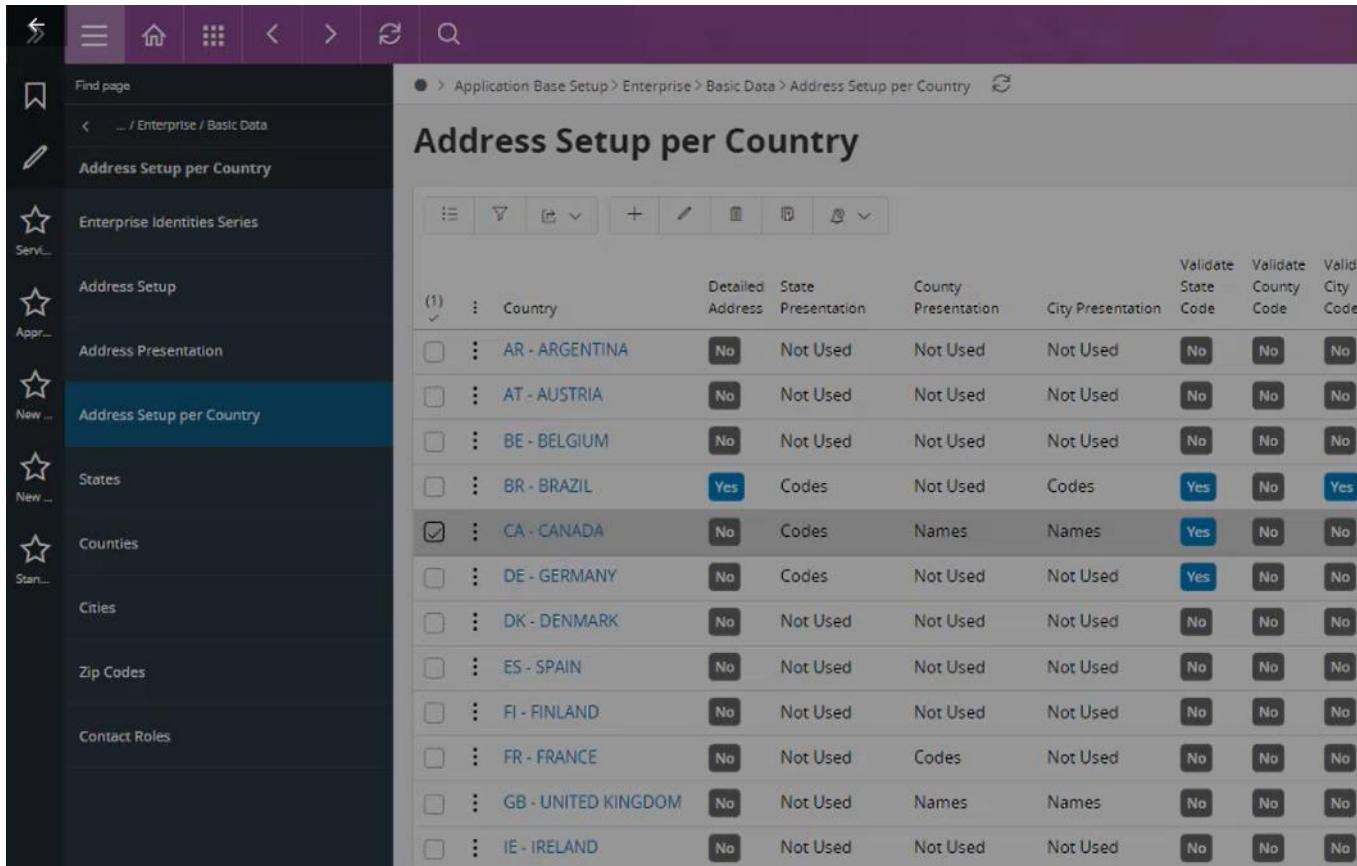
Cancel Edit

Country	Detailed Address	State Presentation	County Presentation	City Presentation	Validate State Code	Validate County Code	Validate City Code
AR - ARGENTINA	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
AT - AUSTRIA	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BE - BELGIUM	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
BR - BRAZIL	<input checked="" type="checkbox"/>	Codes	Not Used	Codes	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>
CA - CANADA	<input type="checkbox"/>	Codes	Names	Names	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DE - GERMANY	<input type="checkbox"/>	Codes	Not Used	Not Used	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DK - DENMARK	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ES - SPAIN	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FI - FINLAND	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FR - FRANCE	<input type="checkbox"/>	Not Used	Codes	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GB - UNITED KINGDOM	<input type="checkbox"/>	Not Used	Names	Names	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IE - IRELAND	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT - ITALY	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MX - MEXICO	<input checked="" type="checkbox"/>	Names	Codes	Names	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NL - NETHERLANDS	<input type="checkbox"/>	Not Used	Not Used	Not Used	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

Modify Validate State Code

USER INTERACTION BPA

USER INTERACTION FORM



(1)	Country	Detailed Address	State Presentation	County Presentation	City Presentation	Validate State Code	Validate County Code	Validate City Code
<input type="checkbox"/>	AR - ARGENTINA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	AT - AUSTRIA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BE - BELGIUM	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BR - BRAZIL	Yes	Codes	Not Used	Codes	Yes	No	Yes
<input checked="" type="checkbox"/>	CA - CANADA	No	Codes	Names	Names	Yes	No	No
<input type="checkbox"/>	DE - GERMANY	No	Codes	Not Used	Not Used	Yes	No	No
<input type="checkbox"/>	DK - DENMARK	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	ES - SPAIN	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	FI - FINLAND	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	FR - FRANCE	No	Not Used	Codes	Not Used	No	No	No
<input type="checkbox"/>	GB - UNITED KINGDOM	No	Not Used	Names	Names	No	No	No
<input type="checkbox"/>	IE - IRELAND	No	Not Used	Not Used	Not Used	No	No	No



Workflow Dialog

Do you want to create a State?

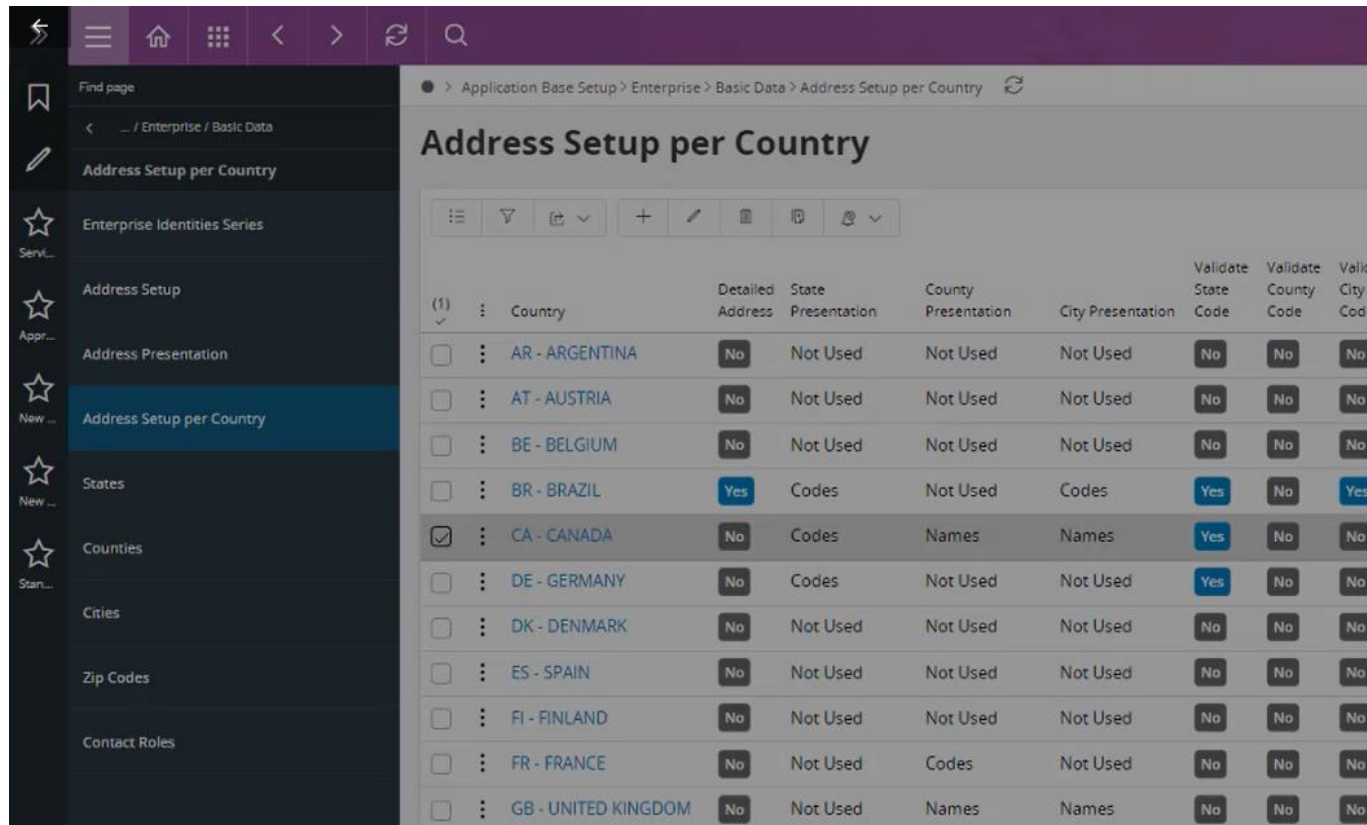


OK

Cancel

USER INTERACTION BPA

ENTER INFORMATION



(1) ✓	Country	Detailed Address	State Presentation	County Presentation	City Presentation	Validate State Code	Validate County Code	Validate City Code
<input type="checkbox"/>	AR - ARGENTINA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	AT - AUSTRIA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BE - BELGIUM	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BR - BRAZIL	Yes	Codes	Not Used	Codes	Yes	No	Yes
<input checked="" type="checkbox"/>	CA - CANADA	No	Codes	Names	Names	Yes	No	No
<input type="checkbox"/>	DE - GERMANY	No	Codes	Not Used	Not Used	Yes	No	No
<input type="checkbox"/>	DK - DENMARK	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	ES - SPAIN	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	FI - FINLAND	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	FR - FRANCE	No	Not Used	Codes	Not Used	No	No	No
<input type="checkbox"/>	GB - UNITED KINGDOM	No	Not Used	Names	Names	No	No	No



Workflow Dialog

State

Name

I

Cancel

USER INTERACTION BPA

HIT OK

The screenshot shows the IFS application interface. The left sidebar contains a navigation menu with items: Find page, Address Setup per Country, Enterprise Identities Series, Address Setup, Address Presentation, Address Setup per Country (highlighted), States, Counties, Cities, Zip Codes, and Contact Roles. The main content area is titled 'Address Setup per Country' and displays a table with columns: (1) Country, Detailed Address, State Presentation, County Presentation, City Presentation, Validate State Code, Validate County Code, and Validate City Code. The table lists various countries with their respective settings. The 'CA - CANADA' row is selected, and the 'Validate State Code' and 'Validate City Code' columns are set to 'Yes'.

(1)	Country	Detailed Address	State Presentation	County Presentation	City Presentation	Validate State Code	Validate County Code	Validate City Code
<input type="checkbox"/>	AR - ARGENTINA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	AT - AUSTRIA	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BE - BELGIUM	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	BR - BRAZIL	Yes	Codes	Not Used	Codes	Yes	No	Yes
<input checked="" type="checkbox"/>	CA - CANADA	No	Codes	Names	Names	Yes	No	No
<input type="checkbox"/>	DE - GERMANY	No	Codes	Not Used	Not Used	Yes	No	No
<input type="checkbox"/>	DK - DENMARK	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	ES - SPAIN	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	FI - FINLAND	No	Not Used	Not Used	Not Used	No	No	No
<input type="checkbox"/>	FR - FRANCE	No	Not Used	Codes	Not Used	No	No	No
<input type="checkbox"/>	GB - UNITED KINGDOM	No	Not Used	Names	Names	No	No	No

The Workflow Dialog form has two input fields: 'State' with the value 'ON' and 'Name' with the value 'Ontario'. Below the fields are 'OK' and 'Cancel' buttons.

Workflow Dialog

State: ON Name: Ontario

OK Cancel

The background of the entire image is a top-down photograph of four people's legs and hands gathered around a laptop on a dark wooden table. One person is wearing a grey sweater, another a beige fuzzy sleeve, and two others are in blue jeans. Their hands are positioned as if they are about to interact with the laptop. The floor is covered with a patterned rug.

DEMO

USER INTERACTION BPA'S



#forthechallengers