



VALIDATION BPA'S

BUSINESS PROCESS AUTOMATION

VALIDATION BPA'S

BACKGROUND

Validation BPA's are configured to stop a user performing a transaction within the system, they populate an error message to the user which is localised and is then alerted to stop the transaction occurring without the need for custom development.

VALIDATION BPA

CREATE EVENT

Solution Manager > User Interface > Custom Objects > Custom Event

Sort by

CMCVALIDATION01
Logical Unit: EnterpAddressCountry Validation

DEMO_CUST_ORDQTY
Logical Unit: CustomerOrderLine Demonstration of IFS Custom Events. Ad...

DEMO_ITEM_PRICE
Logical Unit: CustomerOrderLine Demonstration of IFS Custom Events. Ad...

DEMO_NEW_CUSTOMER
Logical Unit: CustomerInfo Fires when a new Customer record is cre...

EXPENSE_HEADER_REMOVED
Logical Unit: ExpenseHeader An expense header is removed

EXPENSE_STATE_CHANGE
Logical Unit: ExpenseHeader Status is changed on an expense header

FNDMOTOFFLINE_1_1
Logical Unit: FndMotOffWorkOrder Event used for TouchApp push notificatio...

FT_NOTIFICAITON
Logical Unit: MobileFailedTransaction MOBILE WORK ORDER - Send a Notificati...

Custom Event CMCVALIDATION01

<< [Icon] New Event New Action Show Action Add To Package Export Custom Event

General

Event ID	Description	Event Enabled
CMCVALIDATION01	Validation	<input checked="" type="checkbox"/>

Object Details

Logical Unit	Table
EnterpAddressCountry	ENTERP_ADDRESS_COUNTRY_TAB

Fire When:

New objects are created <input type="checkbox"/>	Objects are removed <input type="checkbox"/>
Objects are changed <input checked="" type="checkbox"/>	Only when these attributes are changed

Select attributes available when creating event actions

Attribute
DETAILED_ADDRESS
ROWKEY
COUNTRY_CODE
VALIDATE_STATE_CODE

Create Custom Event to trigger when the BPA should fire. Process is same as any other Custom Event.

New Value	Old Value	Data Type
No	No	STRING
No	No	STRING
No	No	STRING
No	No	STRING

VALIDATION BPA

BPA WITH IFS FAILURE EVENT

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, and Monitoring. The main workspace shows a workflow diagram starting with a 'Start' event, followed by a 'Service Task (Logger)', then a 'Gate way' (X-shape). The first gateway has three outgoing paths: 'Validate State Code Changed' leading to a second 'Gate way', 'Default Path' leading to a 'Default' end event, and a path leading to a 'Failure' end event. The second gateway has two outgoing paths: 'Failure Path' leading to the 'Failure' end event and 'Success Path' leading to a 'Success' end event. The 'Failure' end event is highlighted with a red dashed box. To the right of the diagram is a configuration panel for the selected 'endEventFailure' event. The panel has a 'General' tab and contains the following fields:

- Id:** endEventFailure
- Name:** Failure
- Parameters:**
 - Error Message:** +
 - Locale:** en
 - Message:** Error message

A red arrow points from the 'Failure' end event in the diagram to the 'Error message' field in the configuration panel.

endEventFailure

General

Id

endEventFailure

Name

Failure

Parameters

Error Message +

Locale Message

en Error message

Add the BPA Decisions and Tasks accordingly, then add the IFS Failure Event and select it. Now add the error message and locale you want to appear to the users.

VALIDATION BPA

SAVE

The screenshot displays the IFS Workflow Designer interface. On the left is a navigation pane with categories like Security, Background Processing, Integration, and Workflow Designer. The main workspace shows a workflow diagram starting with a 'Start' event, followed by a 'Service Task (Logger)', then a 'Gate way' (X), and another 'Gate way' (X) labeled 'Validate State Code Changed'. A 'Failure Path' leads to an 'endEventFailure' event. A 'Save Diagram' popup is centered, prompting the user to 'Specify the diagram name and save to server.' The 'File Details' section of the popup has a 'Name' field containing 'bpaValidationProcess'. A red arrow points from a text box to the 'Save' button in the popup. Another red arrow points from the same text box to the 'Save' button in the top toolbar of the designer. The 'endEventFailure' event is also highlighted with a red arrow pointing to its 'Save' button in the top toolbar.

Save Diagram
Specify the diagram name and save to server.

File Details
Name:

endEventFailure
General
Id: endEventFailure
Name: Failure

Hit Save button and enter a Name in the popup. Then hit the Save button in the popup window.

VALIDATION BPA'S

DEPLOY

The screenshot displays the IFS Workflow Designer interface. On the left is a sidebar with a 'Find page' 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, and API Explorer. The main workspace shows a process diagram with a 'Start' event, a 'Service Task (Logger)', two 'Gate way' nodes, and a 'Failure' end event. A 'Deploy Diagram' dialog box is open in the center, prompting the user to 'Specify deployment name and deploy this diagram to Camunda.' The dialog has a 'Deployment Details' section with a 'Name' field containing 'bpaValidationProcess' and 'Deploy' and 'Close' buttons. On the right, a properties panel for the 'endEventFailure' event is visible, showing 'General' and 'Parameters' tabs. The 'Parameters' tab lists 'Error Message' with a plus icon, 'Locale' set to 'en', and 'Message' set to 'Error message'. A red arrow points from the 'Deploy' button in the dialog to the 'endEventFailure' event in the diagram. Another red arrow points from the 'Name' field in the dialog to the 'endEventFailure' event. A third red arrow points from the 'Deploy' button in the dialog to the 'endEventFailure' event.

Deploy Diagram

Specify deployment name and deploy this diagram to Camunda.

Deployment Details

Name:

endEventFailure

General

General

Id:

Name:

Parameters

Error Message:

Locale: Message:

Select the Deploy button, enter a name and hit the Deploy button within the pop

BUSINESS PROCESS AUTOMATION (BPA)

CREATE EVENT ACTION

Solution Manager > New Event Action

Name

- #NUMBER_OF_THIS_MOI
- #NUMBER_OF_THIS_YEAI
- #PERSON_ID#
- #PERSON_NAME#
- #START_OF_LAST_MONT
- #START_OF_LAST_WEEK#
- #START_OF_LAST_YEAR#

Show more

Workflow

Workflow ID:
bpaValidationProcess

Type:
Validation

Timing:
Before

Parameters

Parameter	Value	Information
(No data)		

Create an Event Action with the Workflow Action Type. Add the Workflow ID that you stored on the BPA, select Validation and Timing as Before or After for Validation BPA's. Then hit Next.

Once Event Action is enabled then the BPA is ready to test.

VALIDATION BPA'S

TRIGGERED BPA

DE - GERMANY	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DK - DENMARK	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
ES - SPAIN	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FI - FINLAND	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
FR - FRANCE	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
GB - UNITED KINGDOM	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IE - IRELAND	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
IT - ITALY	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
MX - MEXICO	<input checked="" type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NL - NETHERLANDS	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
NO - NORWAY	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PL - POLAND	<input checked="" type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
PT - PORTUGAL	<input type="checkbox"/>	[#{transl...	[#{transl...	[#{transl...	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>



Error message test





DEMO

VALIDATION BPA'S



#forthechallengers