

## Trigger Deadline based on specific Date value

This article shows on how one can set up a Deadline that will be triggered on a specific date value set in a Form.

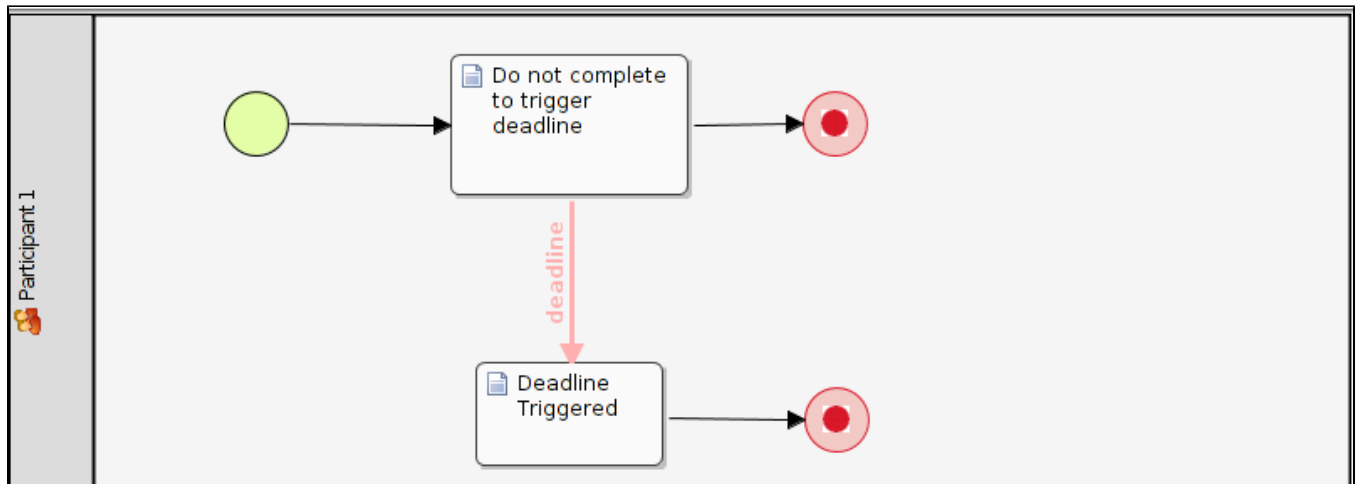


Figure 1: Workflow Design with an activity "Deadline Triggered" that will be invoked when the Deadline is triggered

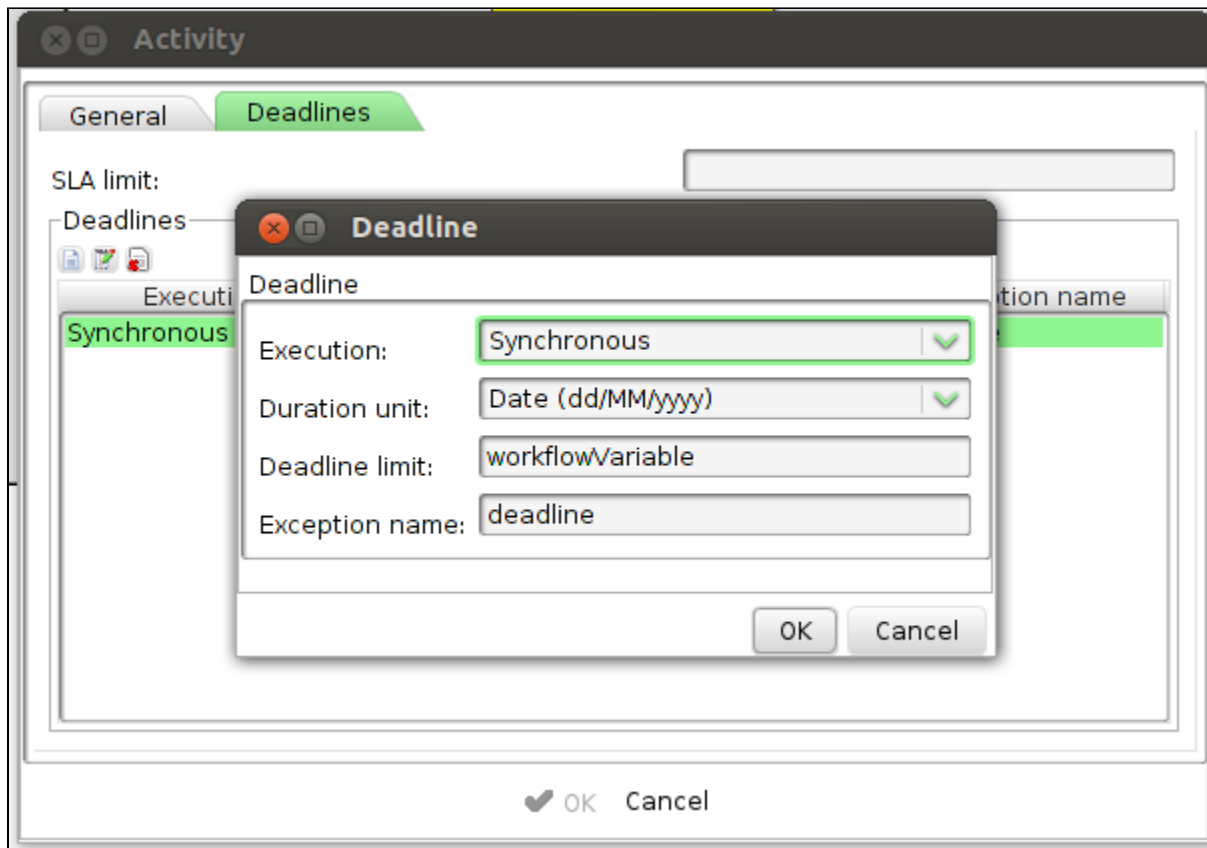


Figure 2: Setting up the Deadline parameter

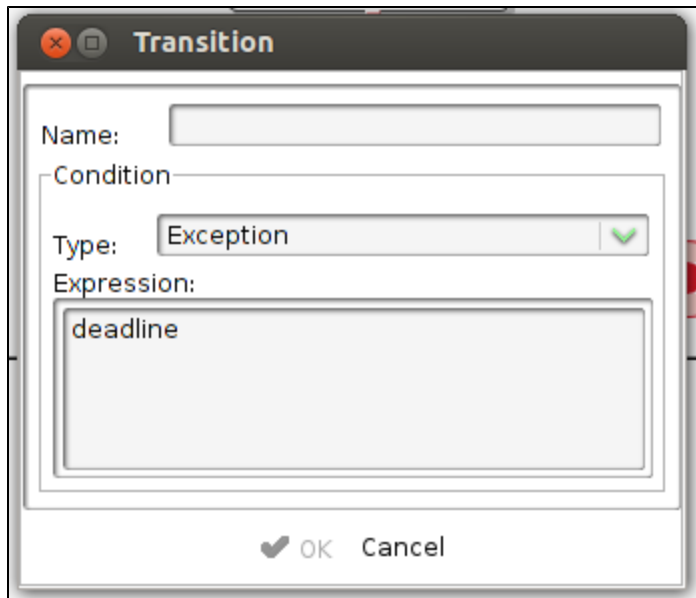
Edit the first activity, "Do not complete to trigger deadline" to add a Deadline as shown in the figure above. Set the "Duration unit" to "Date (dd/MM/yyyy)" and "Deadline limit" to the name of Workflow Variable. In this example, the Workflow Variable is named as "workflowVariable".



Please note that when using non workflow variable value in "Deadline limit" for date type format of "Duration unit", you will be required to quote the value.

Eg.

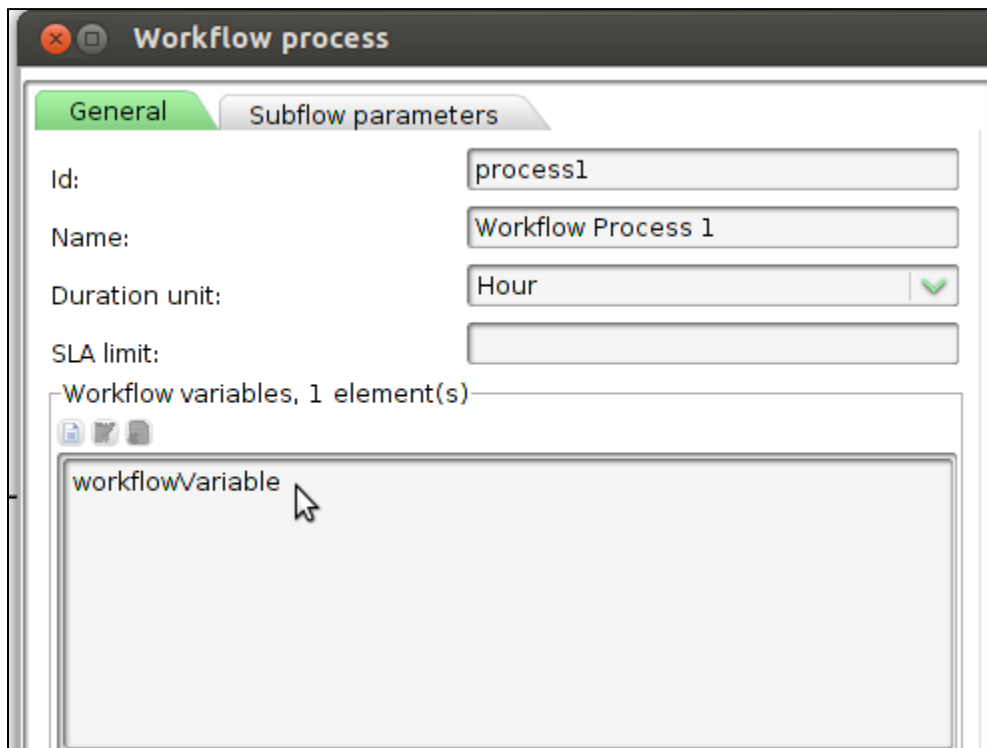
- "12/12/2017"
- "#form.test.deadline#"



The image shows a 'Transition' dialog box with a title bar containing a close button and a maximize button. The dialog has a 'Name' field at the top. Below it is a 'Condition' section with a 'Type' dropdown menu set to 'Exception' and a green checkmark icon to its right. Underneath the dropdown is an 'Expression' text area containing the word 'deadline'. At the bottom of the dialog are 'OK' and 'Cancel' buttons, with a small green checkmark icon to the left of the 'OK' button.

Figure 3: Setting up the Transition as Exception

On the transition leading out of the first activity, edit its properties by matching the Exception name of the Deadline set earlier with the "Expression" field.



The image shows a 'Workflow process' dialog box with a title bar containing a close button and a maximize button. It has two tabs: 'General' (selected) and 'Subflow parameters'. Under the 'General' tab, there are fields for 'Id' (containing 'process1'), 'Name' (containing 'Workflow Process 1'), and 'Duration unit' (containing 'Hour' with a green checkmark icon to its right). Below these is an 'SLA limit' field. Further down is a section titled 'Workflow variables, 1 element(s)' which contains a list box with the text 'workflowVariable' and a mouse cursor pointing at it. There are also small icons for adding, removing, and refreshing the list.

Figure 4: Create a Workflow Variable in the process's properties

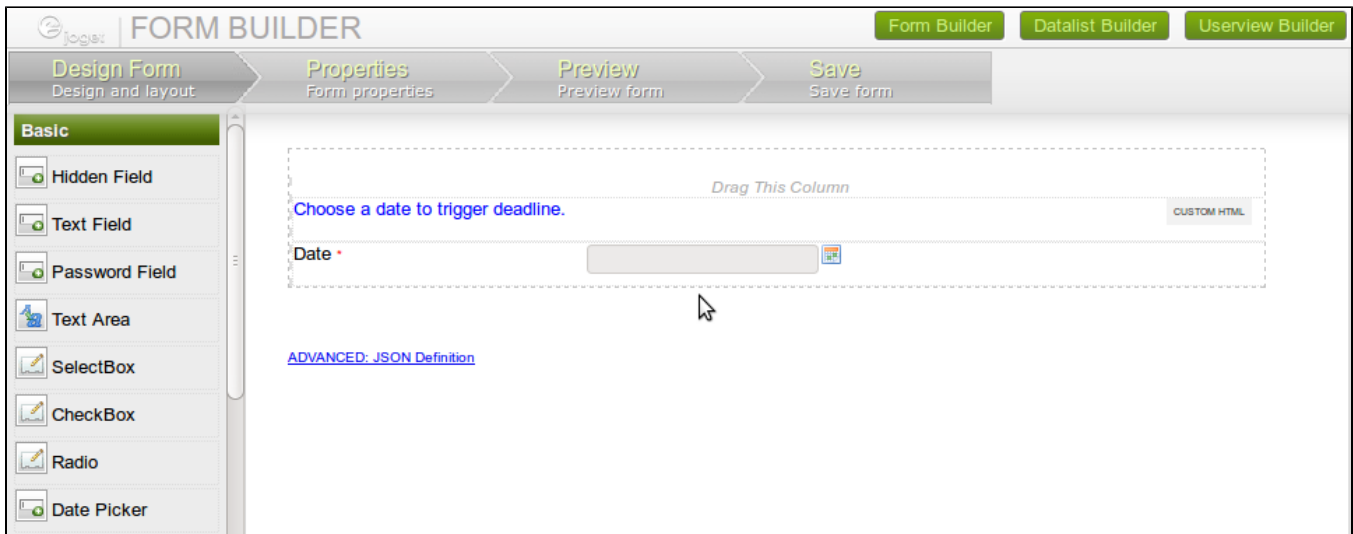


Figure 5: Create a Form with a Date Picker element to set a date value to workflow variable.

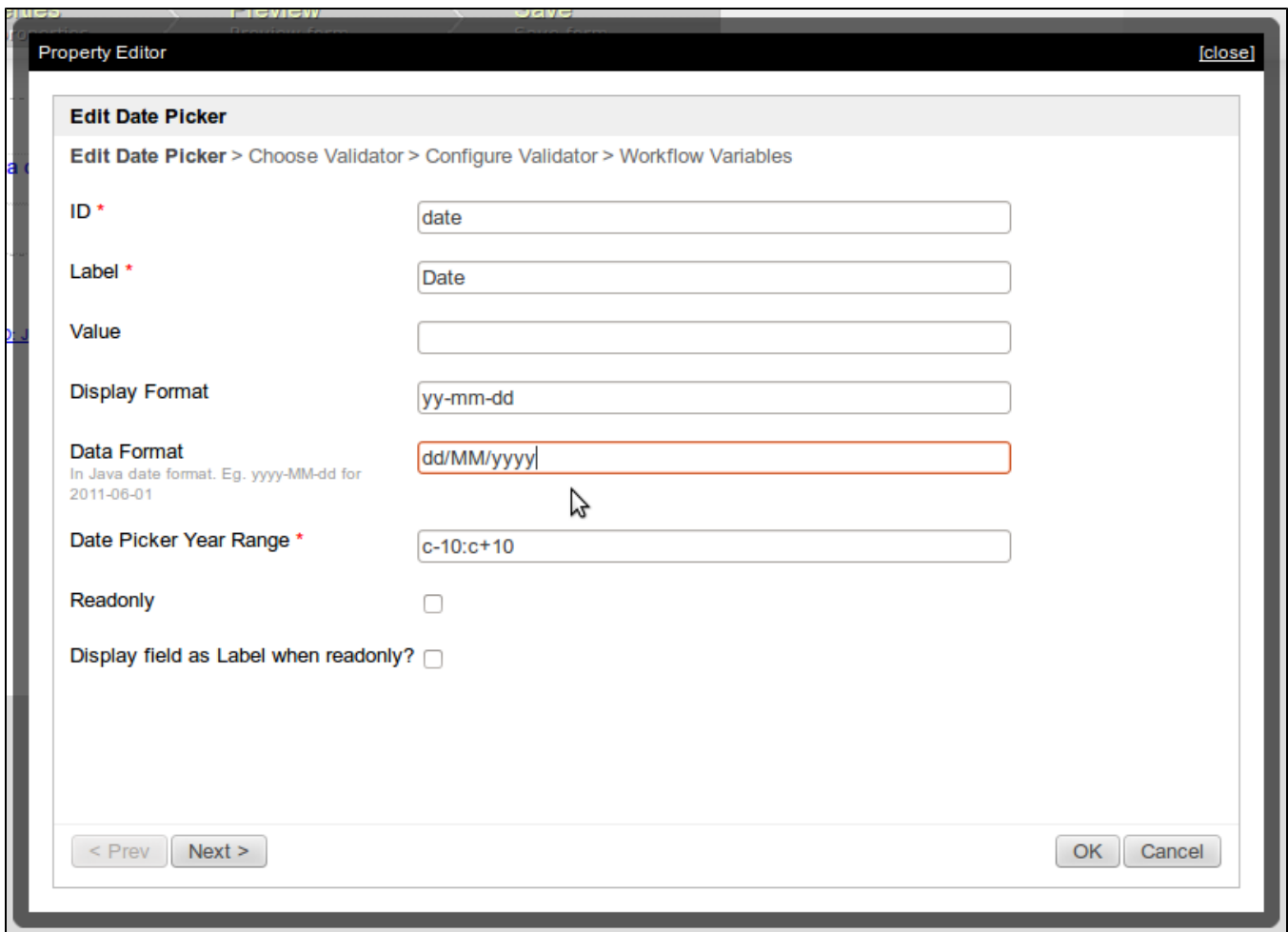


Figure 6: Edit the date picker's properties and set "Data Format" to "dd/MM/yyyy"

The screenshot shows a 'Property Editor' window with a dark title bar containing a '[close]' button. The main content area has a light gray header labeled 'Workflow Variables'. Below the header, a breadcrumb trail reads 'Edit Date Picker > Choose Validator > Configure Validator > Workflow Variables'. A table with one row is visible, with the first column labeled 'Workflow Variable' and the second column containing the text 'workflowVariable'. A mouse cursor is positioned over the 'workflowVariable' text. At the bottom of the dialog, there are three buttons: '< Prev', 'Next >', and 'OK', followed by a 'Cancel' button.

Workflow Variable
workflowVariable

Figure 7: Map the Date Picker's value to the Workflow Variable

**Important Note:**

1. The value of "workflowVariable" can be changed/manipulated as many times as needed to reflect the use case of your process design so long that the deadline has NOT been executed before.

**Sample App:**

[APP\\_deadline\\_on\\_trigger\\_date.jwa](#)

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