

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.

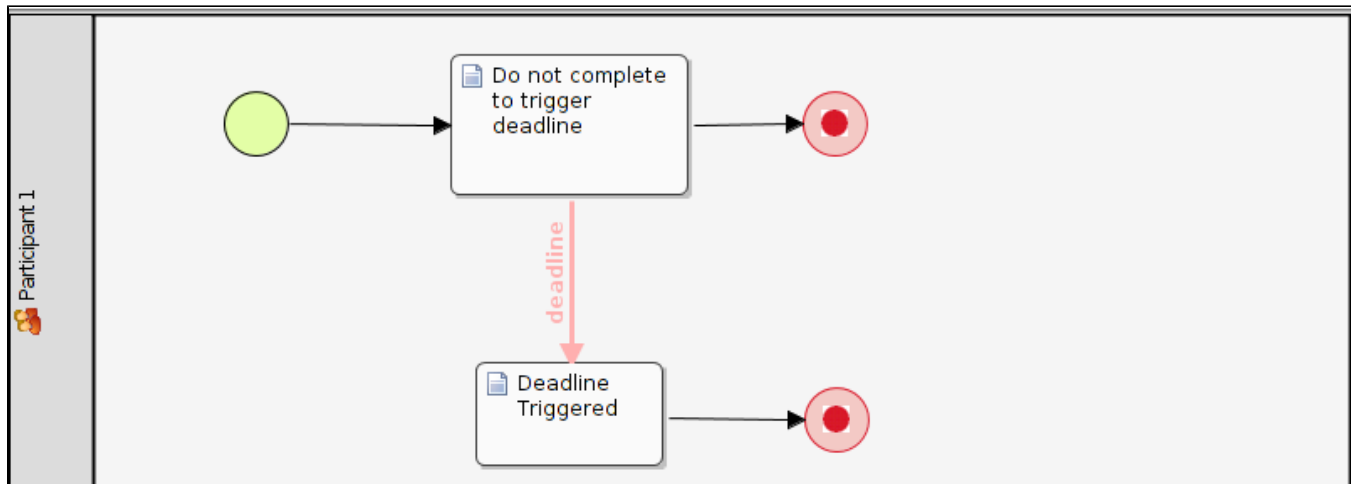


Figure 1: Workflow Design with an activity "Deadline Triggered" that will be invoked when the Deadline is triggered

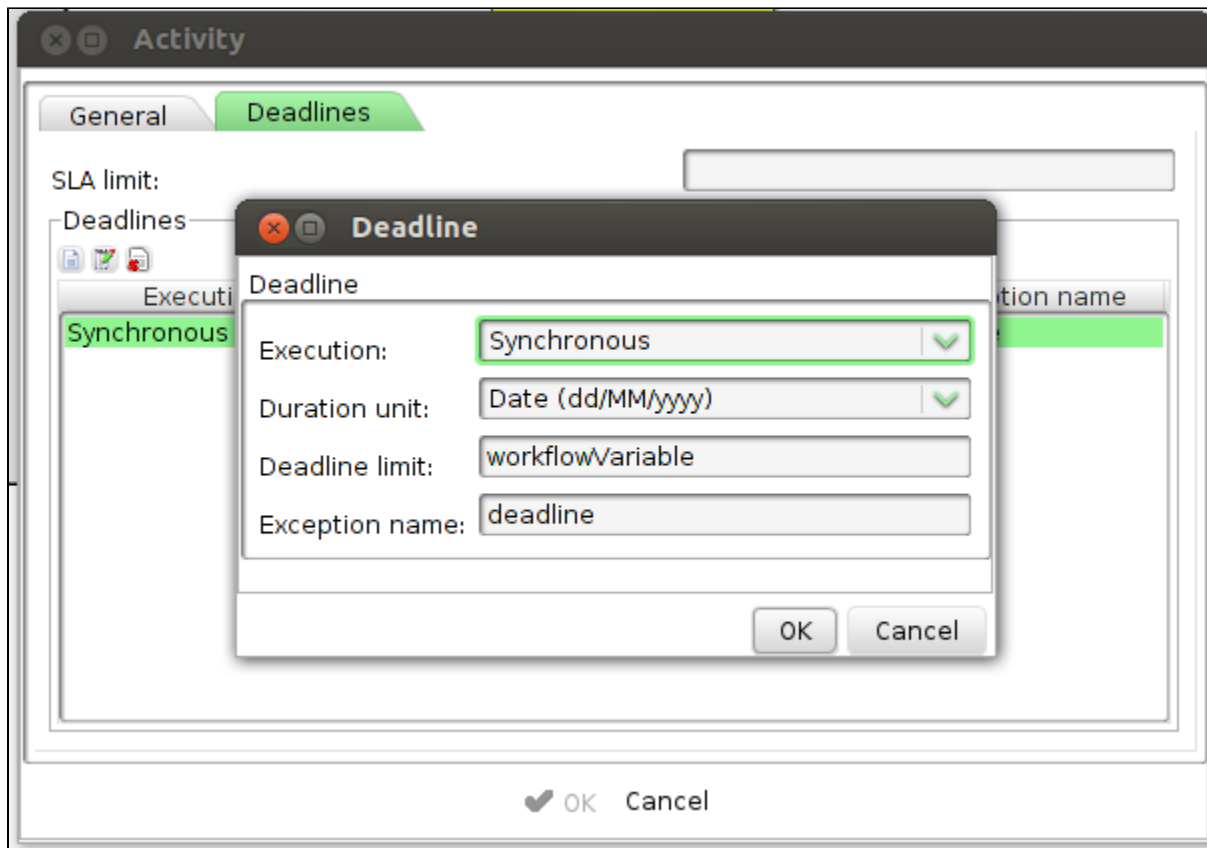
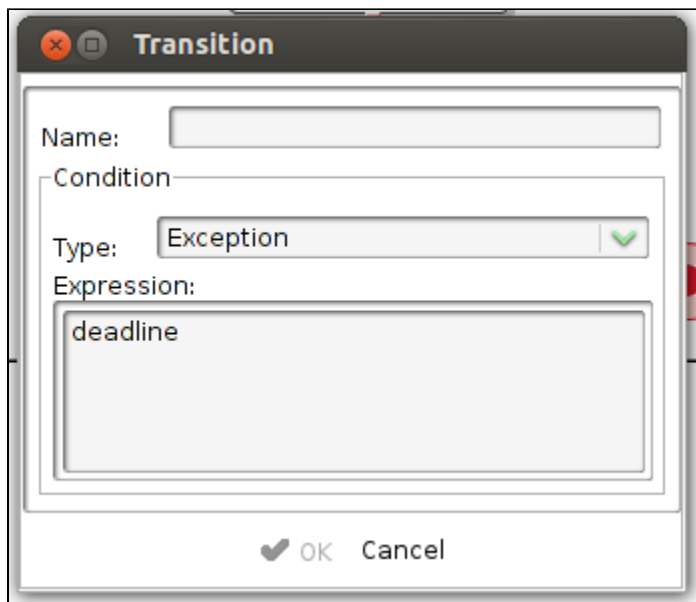


Figure 2: Setting up the Deadline parameter

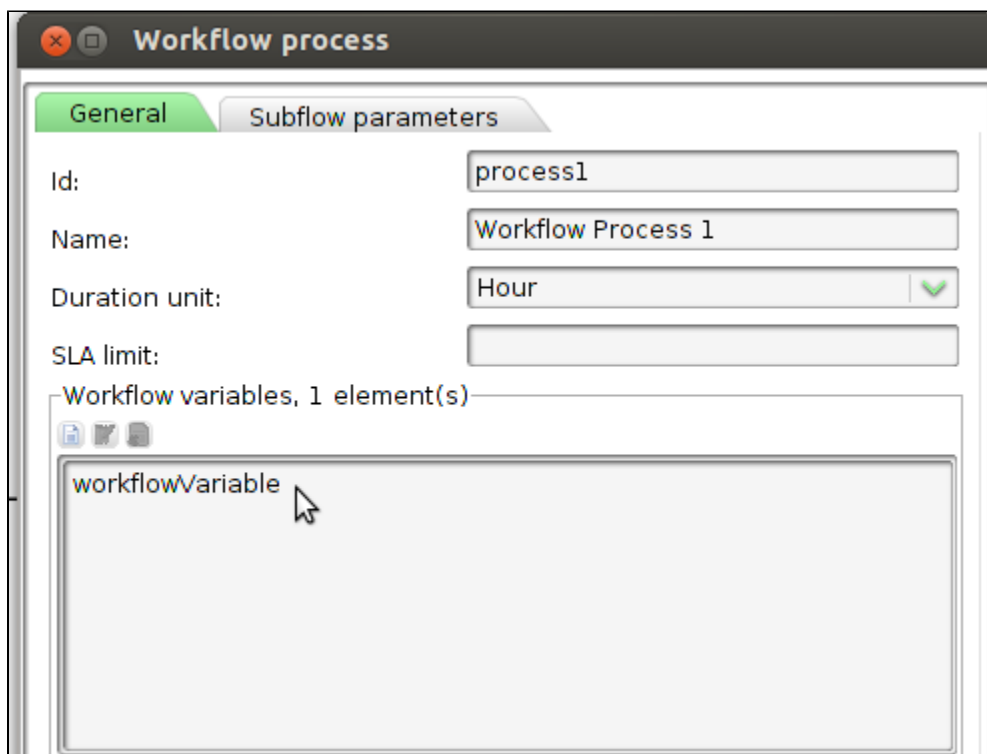
Edit the first activity, "Do not complete to trigger deadline" to add a Deadline as shown in the figure above. Set the "Duration unit" to "Date (dd/MM/yyyy)" and "Deadline limit" to the name of Workflow Variable. In this example, the Workflow Variable is named as "workflowVariable".



The image shows a 'Transition' dialog box with a dark header bar containing a close button (red X) and a maximize button (square). The main area has a 'Name:' label followed by an empty text field. Below it is a 'Condition' section with a 'Type:' label and a dropdown menu showing 'Exception' with a green checkmark to its right. Underneath the dropdown is an 'Expression:' label followed by a large 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 dark header bar containing a close button (red X) and a maximize button (square). The dialog has two tabs: 'General' (active, highlighted in green) and 'Subflow parameters'. The 'General' tab contains several fields: 'Id:' with the value 'process1', 'Name:' with the value 'Workflow Process 1', 'Duration unit:' with a dropdown menu showing 'Hour' and a green checkmark to its right, and 'SLA limit:' with an empty text field. Below these is a section titled 'Workflow variables, 1 element(s)' with a list of icons (a folder, a document, and a trash can) to its left. A large text area below this section contains the text 'workflowVariable', and a mouse cursor is pointing at it.

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

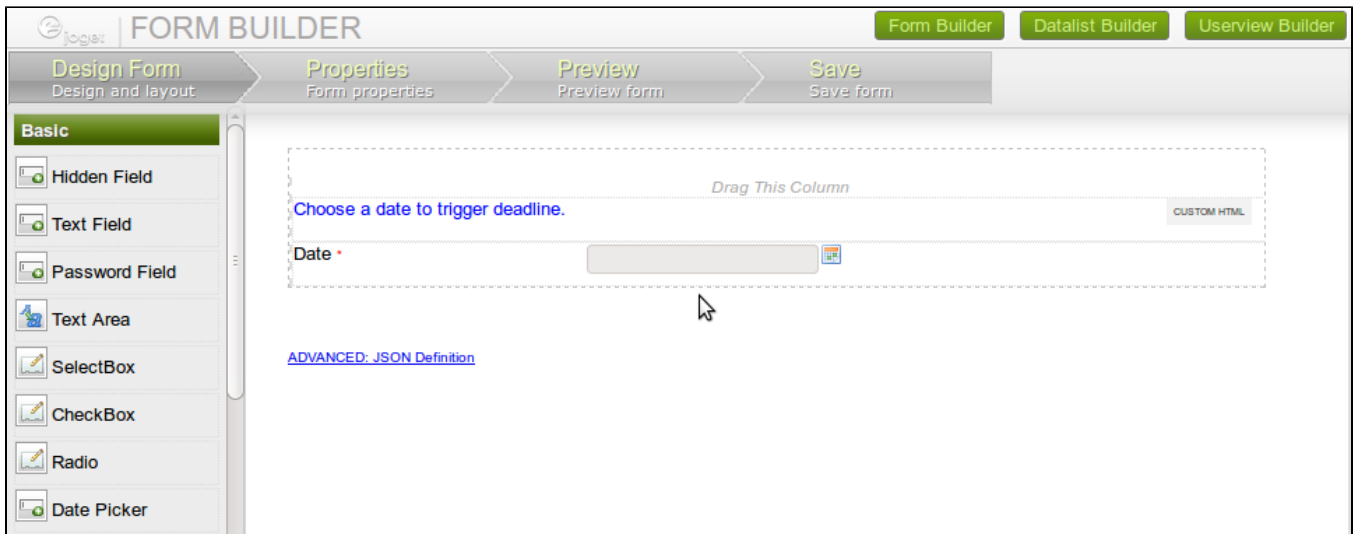


Figure 5: Create a Form with a Date Picker element to set a date value to workflow variable.

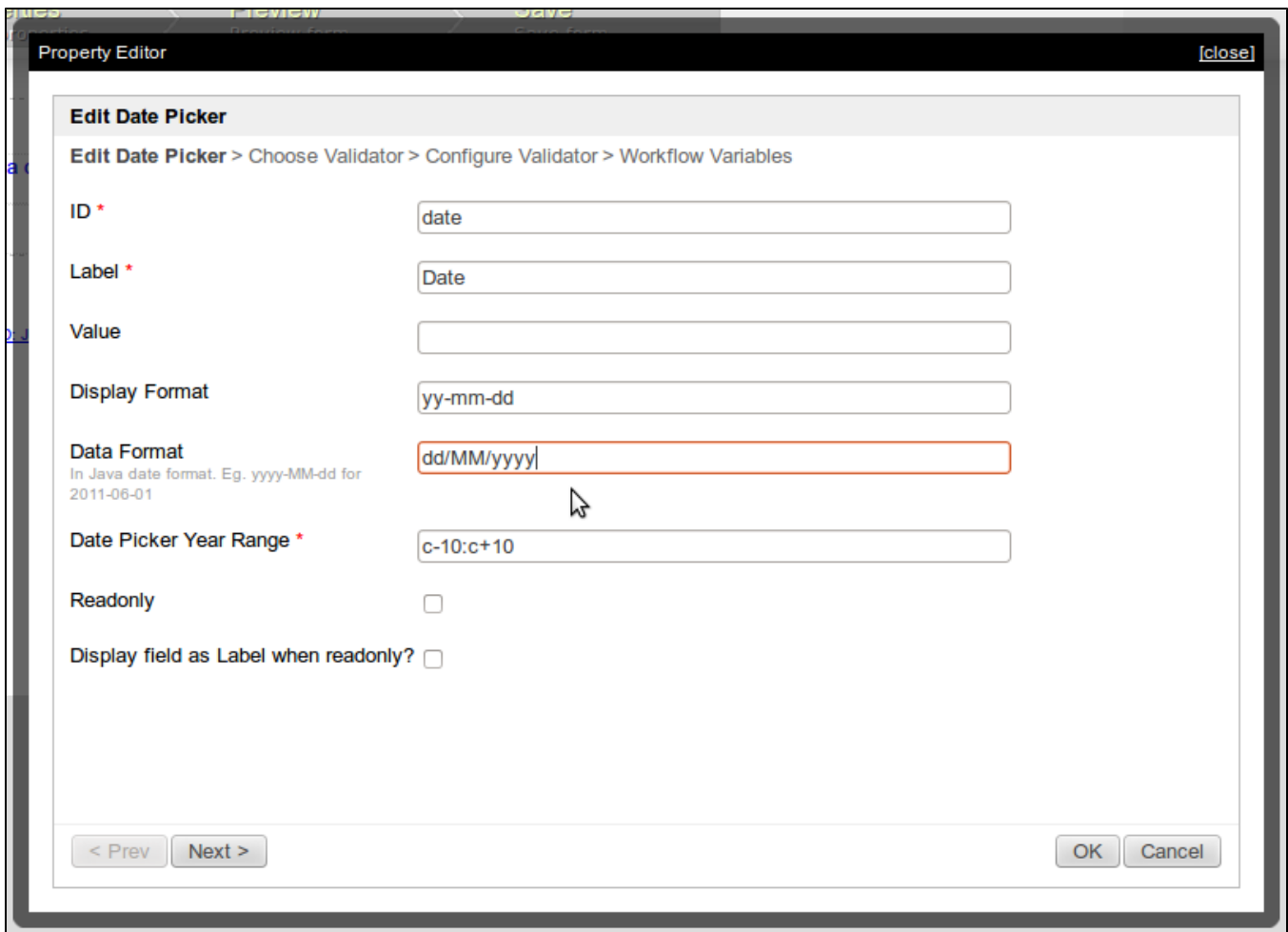


Figure 6: Edit the date picker's properties and set "Data Format" to "dd/MM/yyyy"

The screenshot shows a 'Property Editor' window with a 'Workflow Variables' tab selected. The breadcrumb trail at the top reads 'Edit Date Picker > Choose Validator > Configure Validator > Workflow Variables'. Below this, there is a label 'Workflow Variable' and a text input field containing the text 'workflowVariable'. A mouse cursor is pointing at the input field. At the bottom of the dialog, there are navigation buttons '< Prev' and 'Next >', and action buttons 'OK' and 'Cancel'.

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_sample-1-20130619113323.zip](#)

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