

# Process Builder

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## Introduction

**Design Process** will open up the **Process Builder**. Process Builder is one of the highlights of Joget Workflow v5 where it allows one to design process on the browser itself without the need of installing any additional components. The **Process Builder** allows one to design process(es) for the Joget Workflow App in an easy drag-and-drop manner.

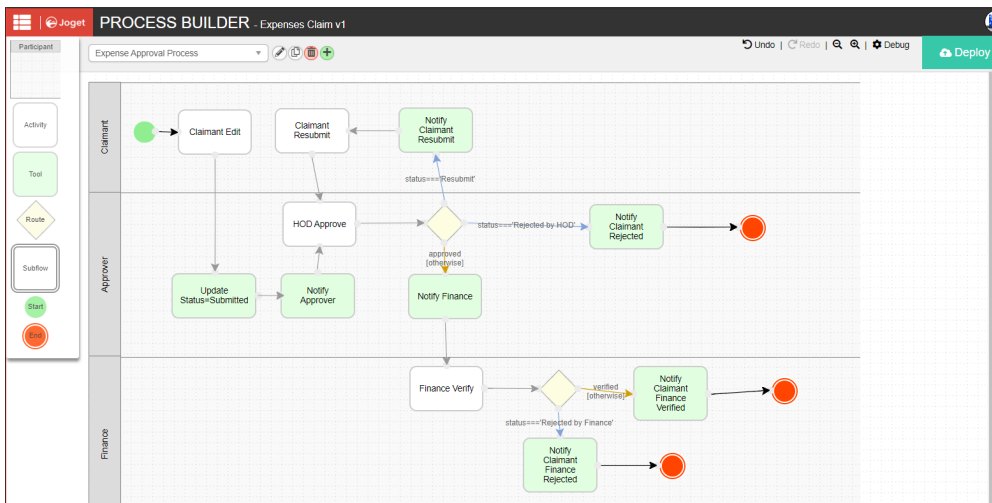


Figure 1: Process Builder Design For Expenses Claims App

## Elements available

### Participants

The **Participant** node is used to declare a new participant swimlane to represent a role/person/entity (e.g. Claimant). Please see [Map Participants to Users](#) for more information about the mappings.

Name	Description	
ID	Participant ID	
Name	Participant Name	

**Participant Properties**

ID \*

Name \*

### Activity

**Activity** node is used to be mapped to Form, to be used to interact with human participant, as part of the process flow. Please see [Map Activities to Forms](#) for more information about the mappings.

Name	Description	
ID	Activity ID	<b>Activity Properties</b> Activity Properties > Deadlines > SLA Options ID * <input type="text" value="new_claim"/> Name * <input type="text" value="Edit Claim"/>
Name	Activity Name	

Name	Description	
Deadlines	Multiple Deadlines can be set for each activity. Learn about <a href="#">Deadlines and Escalations</a> .	<b>Deadlines</b> Activity Properties > Deadlines > SLA Options Deadlines: <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>

Name	Description	
Limit	SLA Limit for the activity. Number is expected in this field.	<b>SLA Options</b> Activity Properties > Deadlines > SLA Options Limit <input type="text"/>

## Tools

**Tool** node is used to be mapped to Process Tool plugin, to trigger/achieve certain functionality programmatically, as part of the process flow. Please see [Map Tools to Plugins](#) for more information about the mappings.

Name	Description	Screen (Click to view)
ID	Tool ID	<b>Tool Properties</b> ID * <input type="text" value="notifyApprove"/> Name * <input type="text" value="Notify Approver Rejection"/>
Name	Tool Name	

## Route

**Route** node is used to determine the flow of the process flow.

Name	Description	
ID	Route ID	<b>Route Properties</b> ID * <input type="text" value="route2"/> Name * <input type="text" value="Route 2"/> Join Type <input type="text" value="XOR"/> Split Type <input type="text" value="XOR"/>
Name	Route Name	
Join Type	Incoming transition treatment type.	
Split Type	Outgoing transition treatment type.	

## Subflow & Deadlines

**Subflow** node is used to trigger the start of another process under the same App.

Name	Description	Screen (Click to view)
ID	Subflow ID	

Name	Subflow Name
Subprocess ID	Process ID of the Subflow
Execution	Synchronous or Asynchronous execution.
Parameters	Workflow variable(s) to be passed over to the Subflow.

**Subflow Properties**

Subflow Properties - Deadlines

ID \*

Name \*

Subprocess ID \*

Execution

Parameters

Name	Description	Screen (Click to view)
Deadlines	Multiple Deadlines can be set. This is only applicable when Subflow is set to Asynchronous execution.	

## Start

Start node denotes the start of the process flow.

## End

End node denotes the end of the process flow.

## Related Documentations

- [Map Activities to Forms](#)
- [Map Participants to Users](#)
- [Map Routes to Plugins](#)
- [Map Tools to Plugins](#)
- [Process Mapper](#)
- [Run Process](#)
- [Update via Saved XPDL](#)
- [Variable List](#)

## Demo Apps, Tutorial and Plugins from Joget Marketplace

Do try out the many [free apps](#), [tutorials](#) and [plugins](#) for Joget Datalist elements.