# Process Builder

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**Definition**

**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.
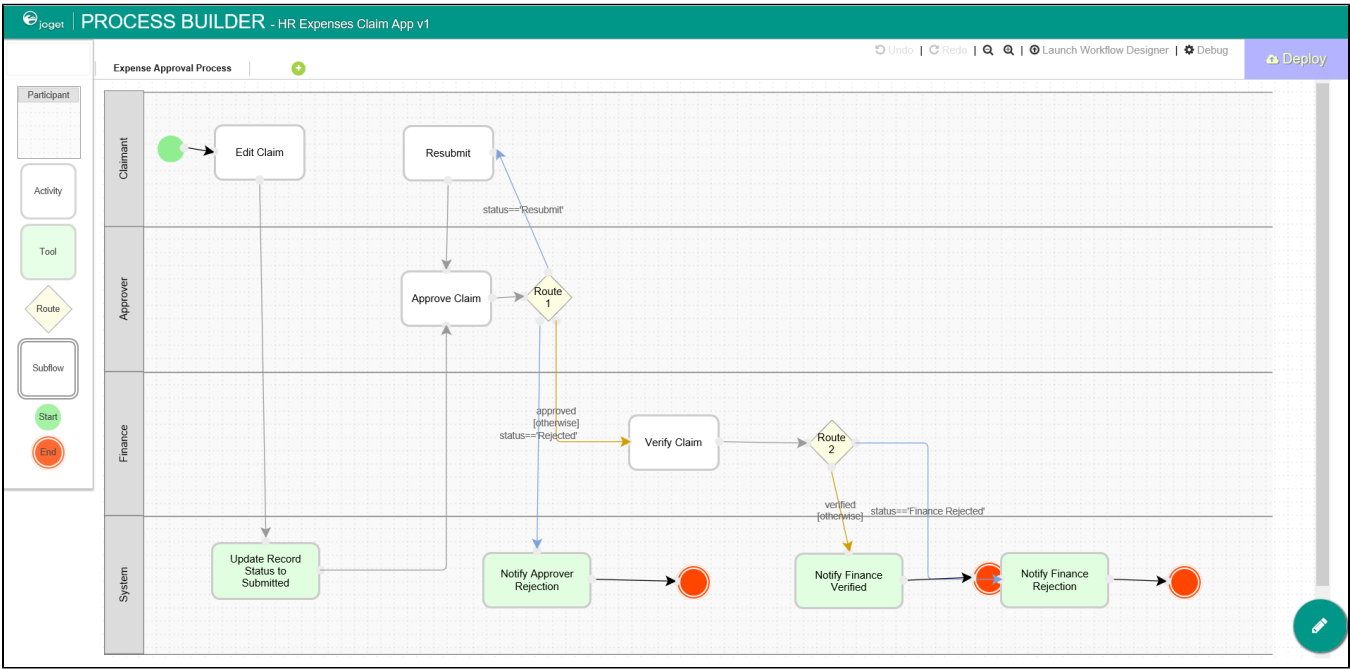
</td></tr>
</table>



**Figure 1: Process Builder**

<u>Elements available</u>

- **Participant**
  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 |

- **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 |
| Name | Activity Name |



| Name | Description |
|------|-------------|
| Deadlines | Multiple Deadlines can be set for each activity.<br>Learn about Deadlines and Escalations. |



| Name | Description |
|------|-------------|
| Limit | SLA Limit for the activity. Number is expected in this field. |

- **Tool**

  **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 |
|------|-------------|
| ID | Tool ID |

| Name | Tool Name |
|------|-----------|

- **Route**

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

  **Route Properties**

  | | |
  |---|---|
  | ID * | route2 |
  | Name * | Route 2 |
  | Join Type | XOR |
  | Split Type | XOR |

  | Name | Description |
  |------|-------------|
  | ID | Route ID |
  | Name | Route Name |
  | Join Type | Incoming transition treatment type. |
  | Split Type | Outgoing transition treatment type. |

- **Subflow**

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

  **Subflow Properties**

  **Subflow Properties > Deadlines**

  | | |
  |---|---|
  | ID * | subflow1 |
  | Name * | Subflow 1 |
  | Subprocess ID * | |
  | Execution | Synchronous |
  | Parameters | Actual Parameter |

  | Name | Description |
  |------|-------------|
  | 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. |

  **Deadlines**

  **Subflow Properties > Deadlines**

  | Deadlines | Execution | Duration Unit | Deadline Limit | Exception Name |
  |-----------|-----------|---------------|----------------|----------------|

| Name | Description |
| --- | --- |
| 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.