



# User Task

Element						
Description	<p>A <b>User Task</b> waits for an external trigger to arrive which is released by human action, for example after a form has been filled. If the process execution reaches a user task, the process stays in a wait state until a specific message is received by the engine, which triggers continuation of the process.</p>					
Attributes	<ul style="list-style-type: none"> <li>• <b>Name</b></li> <li>• <b>Description</b></li> <li>• <b>Form</b> (see <b>Particularity</b>)</li> <li>• <b>Trigger Events</b> (see <b>Particularity</b>)</li> <li>• <b>Symbol Type</b></li> </ul>					
Particularity	<ul style="list-style-type: none"> <li>• <b>Form:</b> Use the attribute <b>Form</b> in the <b>Attributes Panel</b> to select one of your forms. The drop-down list contains all forms that are available in the current service. When you select a form, the icon  appears. If you click on this icon, the related form opens in a new window.</li> <li>• <b>Trigger Events:</b> Use the attribute <b>Trigger Events</b> to define which button of a form associated to the element triggers the default process flow of a BPMN process.</li> </ul>					
State	Waiting_for_<name of the user task with underscores>, e.g. <b>Waiting_for_User_Task</b>					
Execution	<b>Name</b>	<b>Parameters</b>	<b>Type</b>	<b>Direction</b>	<b>Description</b>	<b>API</b>
	<b>Get Data</b>	return	Any	out	<p>Executed before showing the form. Default type of the output parameter is <b>Any</b> but you can also use your own <a href="#">Library</a> or <a href="#">Data Model</a> class.</p> <p>If a form is linked to a <b>User Task</b>, the form type is automatically determined as type of <b>return</b>. In this case, the type is read-only.</p>	<pre>GET /{id}/&lt;name of the task with underscores&gt; GET /{id}/User_Task</pre>
	<b>On Exit</b>	message	Any	in	<p>Executed after having displayed the form. Default type of the input parameter is <b>Any</b> but you can also use your own <a href="#">Library</a> or <a href="#">Data Model</a> class.</p> <p>If a form is linked to a <b>User Task</b>, the form type is automatically determined as the type of <b>message</b>. In this case, the type is read-only.</p>	<pre>POST /{id}/&lt;name of the task with underscores&gt; POST /{id}/User_Task</pre>

## BPMN\_User\_Task\_Example



Click the icon to download a simple example project that shows what you can do with **User Tasks** in **Scheer PAS Designer**.

## Related Pages:

- [Modeling BPMN](#)
  - [Adding BPMN Elements](#)
- [Supported BPMN Elements](#)
  - [Service Task](#)
  - [Receive Task](#)
- [Modeling Forms](#)
- [Testing and Integration](#)
  - [BPMN Process API Reference](#)

## Editing and Styling

- Refer to [Working with the BPMN Editor](#) for further information regarding editing of BPMN elements using the different context menus on the diagram pane.
- Refer to [Styling BPMN Elements](#) for further information regarding styling possibilities for BPMN elements, for example how to change the background color, the font style and size etc.