

Handling the Click Event of Data Table Rows

In processes that contain a form with a [data table](#), you can use the click action of a user on a data table row as a trigger event for user tasks and boundary events. This works similar to a [button trigger event](#) and causes the process flow to continue with the next step.

When you use a form with a data table, you can

- [trigger the next process step with a click on a data table row](#)
- [read the last clicked element from the data table](#)

Using the Click Action as a Trigger Event

Order Item Selection

This example shows the click action for data tables.
Below a data table with some items is shown.
Select an order item and view the details by clicking it in the table.

Order Id
O-2023-10

Order Date
2023-04-25T07:56:20.540863Z

Order Items

Item	Price	Discountable?
Free Catalog	0	-
AF-1200	64.5	-
K-4	162.5	-
CD-2000	510	✓

4


End

On the left you can see a form including a data table from the **DataTable_ClickAction_Example**. The data table shows different order items and some information about them. When the user clicks on one of the items, a second form shows more details about it.

On this Page:

- [Using the Click Action as a Trigger Event](#)
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DataTable_ClickAction_Example



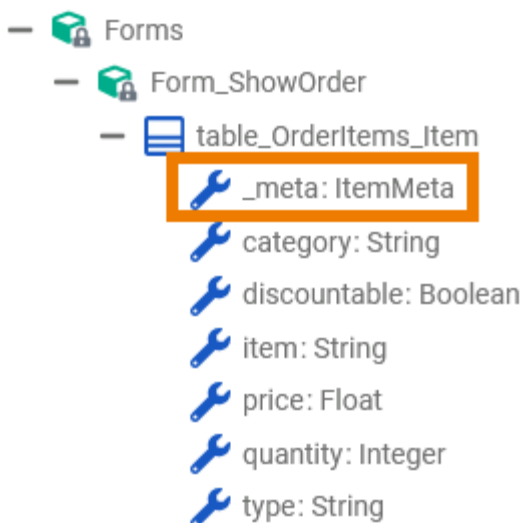
Click the icon to download a simple example model that shows how you can use the **clickAction** trigger event for data tables in **Scheer PAS Designer**.

Related Pages:

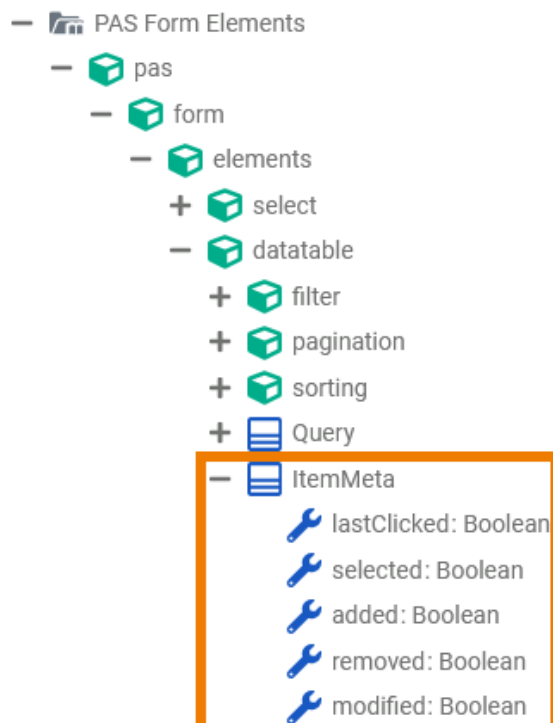
- [Data Table Handling](#)
- [Form - Process Interaction](#)



Reading the Last Clicked Data Table Element



When you create a form containing a data table, a class for the data table items is automatically created in the respective package **Forms**. **<name of the form>**. This class has all the data table columns as attributes, as well as an attribute **_meta: ItemMeta**, which can store metadata about the data table item.



The class **ItemMeta** is provided in the folder **PAS Form Elements**.

Use Action Script to read the metadata stored for the items in a data table.

By reading the attribute **_meta.lastClicked** you can check if this data table item was last clicked by the user. You can use this information to extract the last clicked item and access it in the following process steps.

findLastClicked

```
local item = select first from formData.table_OrderItems where element._meta.lastClicked = true;  
set clickedItem = if item.exists() then item else NULL;
```

In the example, the Action Script operation **findLastClicked** is used in the **On Exit** execution model of the user task to find the last clicked item of the data table **table_OrderItems**. The item is then persisted and shown in a form.

