

Copy and Paste Tags

How To Use

The first step to use this feature is to create a Tag in your **Project**. This tag can be a simple one, an array or Custom Type.

To better understand the feature, three examples are shown below. The tags created are as follows:

1. Tag.Integer1 -- Integer DataType -- Simple Tag.
2. Tag.Digital1 -- Digital DataType -- Array of 10 elements.
3. Tag.CustomType -- Custom DataType
-- Sub-Elements: Element1 (Integer), Element2 (Integer.)

The screenshot shows a software interface for managing tags. At the top, there are tabs: Objects, Templates, Assets, Historian, and HistorianTables. The main area contains two tables.

Top Table (User Custom Type: Custom):

Name	Type	Array	Parameters
CustomType	Custom		
Digital1	Digital	9	
Integer1	Integer		

Bottom Table (User Custom Type: Custom):

Name	Type	Array	Parameters
Element2	Integer		
Element1	Integer		

Below the tables, there are buttons for New, Del, and Rename, and a section labeled "Custom members:".

Now that our tags were created, we can start adding them to the display. Right-click at **Integer1** Tag, and select **Copy Selected Row** option.

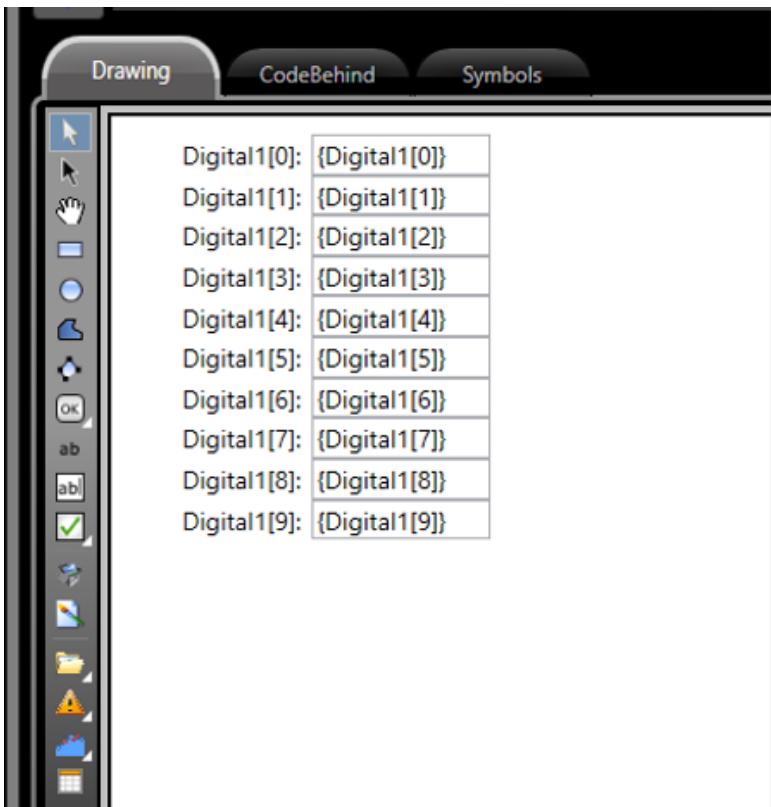
The screenshot shows a table with columns: Name, Type, Array, and Parameters. There are three rows: 'CustomType' (Custom), 'Digital1' (Digital, value 9), and 'Integer1' (Integer). A context menu is open over 'Integer1', listing 'Cut selected row', 'Copy selected row', and 'Delete selected row'. The menu items are styled with icons and shadows.

Name	Type	Array	Parameters
CustomType	Custom		
Digital1	Digital	9	
Integer1	Integer		

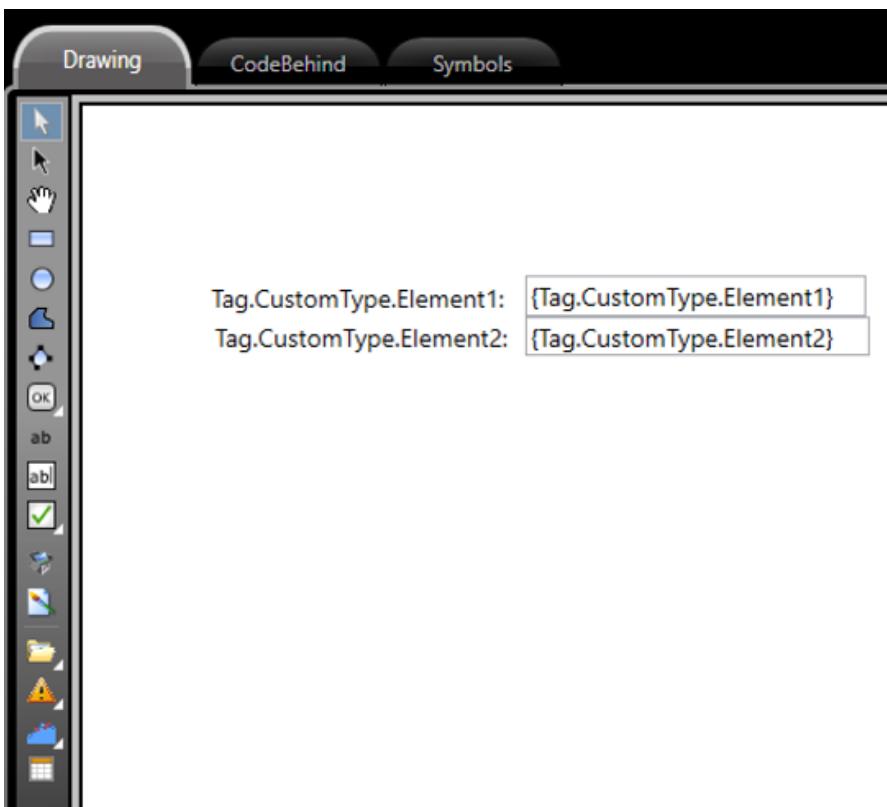
Navigate to the *Draw Environment*, at the desired Page. Right-click at the display and select **Paste**. You should see the Tag being inserted into the display, already formatted with a TextOutput, for label, and a TextBox for displaying value.

The screenshot shows the 'Drawing' tab of the Draw Environment. On the left is a toolbar with various icons. In the main area, there is a text input field containing 'Tag.Integer1: {Tag.Integer1}'.

The same logic can be applied for array Tags. **Copy** the Tag row from *Edit-Tags-Objects* related to Digital1 Array. All elements should appear formatted when **Pasted** into a page.



Lastly, for a Custom Type Tag, **Copy** the Parent element from *Edit-Tags-Objects* and **Paste** it into your page. The child elements will be automatically formatted at the Display.



Copy and Paste Tags to Symbols

When exists symbol with the same name of custom type, the copy and paste of a tag from this custom type to a page will not paste the tag to a Text Output, it will paste the symbol with the tag already configured.

Example

Custom Type "**Motor**" and tag array Motors for motor type.

The screenshot shows two windows side-by-side. The left window is titled 'User Custom Type: Motor' and contains a table with three rows: 'Torq' (Double), 'RPM' (Double), and 'State' (Double). The right window is titled 'Motors' and also contains a table with one row: 'Motors' (Motor, Array size 10).

Below is the "**Motor**" symbol using the motor custom type:

The screenshot shows the 'Symbol configuration' dialog for a 'Motor' symbol. It includes a preview of the motor icon, a 'Label' field with 'Tag.Motors[0]', and a 'Value' field with a dropdown menu. Below this is the 'Dynamics, object: Ellipse (4)' dialog, which shows an expression '#Motor:(Tag.Motors[0]).State' and a table with two rows: '0' and '1'. The 'FillColor' option is selected in the list on the left.

Executing copy of Motors tag to a page will past all motors symbols created and configured with the right tag:



It is possible execute this operation with custom type inside of custom type with several different custom type at same time.