



# Description of the rules Modification for presenting variables

# OUTLINE

## ➤ Purpose

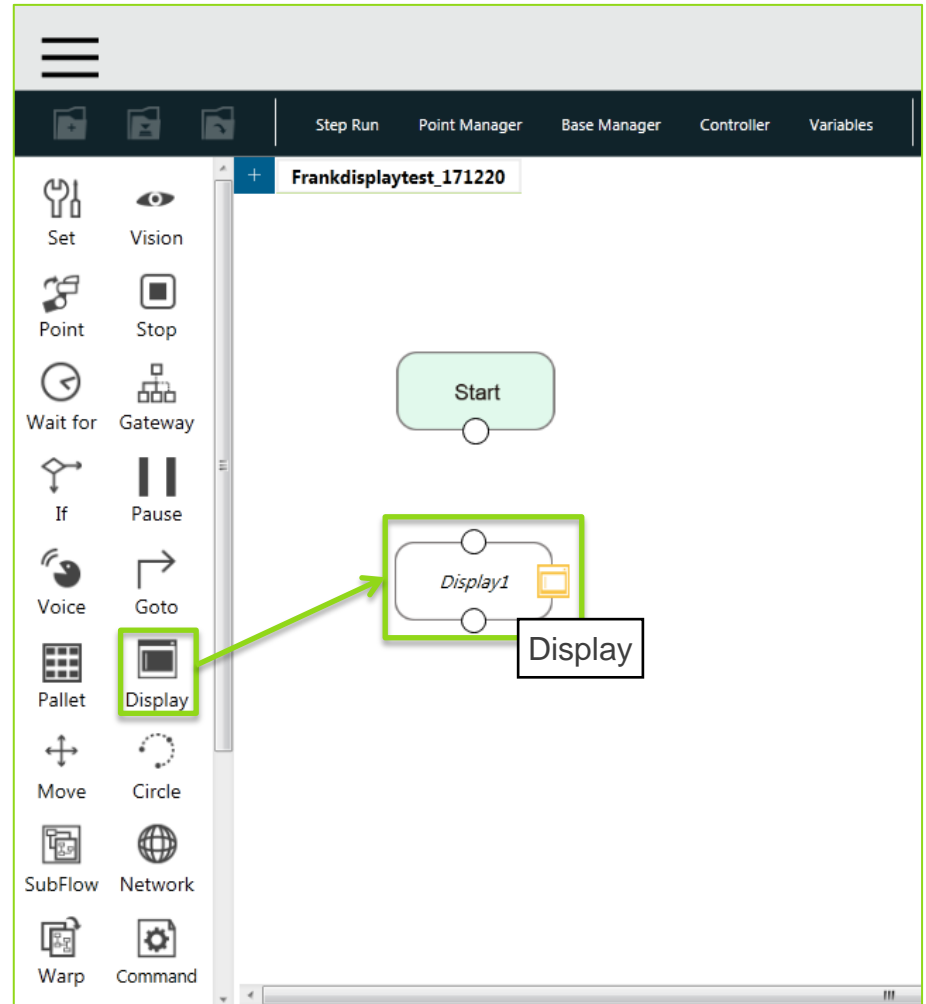
Description of the rules Modification for presenting variables --

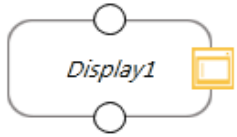
Display node in the past can only write a variable, and variables and other strings can not coexist, the new version of HMI can use double quotation marks, so that the string and the coexistence of variables.

## ➤ Equipment used

TM5 HMI 1.64

## ➤ Situation description





# Description of the rules Modification for presenting variables

**Display** ✕

**Node Name**

**Font Color**

**Background Color**

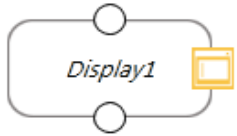
**Title**

**Content**

## Content

```
var_a+piece
```

Set a variable `int var_a = 0`  
The number of followers to want to display  
1piece or 2piece or 3piece,,, etc.  
in the Dashboard Display  
With this idea you need to key in  
`var_a+ piece.`  
in the Display Node Content input



# Description of the rules Modification for presenting variables

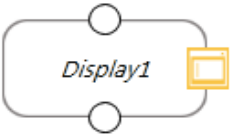
The screenshot shows a dashboard with a camera icon and the following data:

Job Done with 1 object		
Job Start Time	19:38:29	
Job Name	AOI	
Job Execution Time (ms)	1052	
Vision IO List Status		
Basler	Basler	TMCam_AF01

On the right, the text `var_a+piece` is displayed. A yellow box contains the following text:

But content shown on dashboard is :  
`var_a+ piece`

The variable `var_a` can not be converted to a value 1piece or 2piece or 3piece,,, etc. to show on the Dashboard



## Description of the rules Modification for presenting variables

**Display** ✕

**Node Name**

**Font Color**

**Background Color**

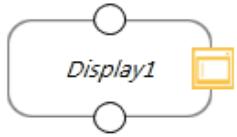
**Title**

**Content**

### Content

```
var_a+"piece"
```

The new version of HMI will use double quotation marks with the string,  
So variables and strings can be presented at the same time,  
The variable var\_a can be converted to a value to show on the Dashboard  
1piece or 2piece or 3piece,,, etc.



# Description of the rules Modification for presenting variables

Frankdisplaytest\_171220.prog

1piece

Job Done with 1 object

Job Start Time 19:38:29

Job Name AOI

Job Execution Time (ms) 1052

Vision IO List Status

Basler Basler TMCam\_AF01

Frankdisplaytest\_171220.prog

2piece

Job Done with 1 object

Job Start Time 19:38:29

Job Name AOI

Job Execution Time (ms) 1052

Vision IO List Status

Basler Basler TMCam\_AF01

Frankdisplaytest\_171220.prog

3piece

Job Done with 1 object

Job Start Time 19:38:29

Job Name AOI

Job Execution Time (ms) 1052

Vision IO List Status

Basler Basler TMCam\_AF01

Followe execution times ,show  
1piece , 2piece or 3piece 、 、 、 etc.

END