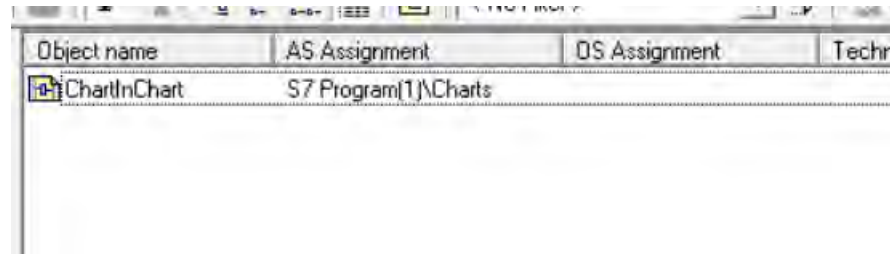


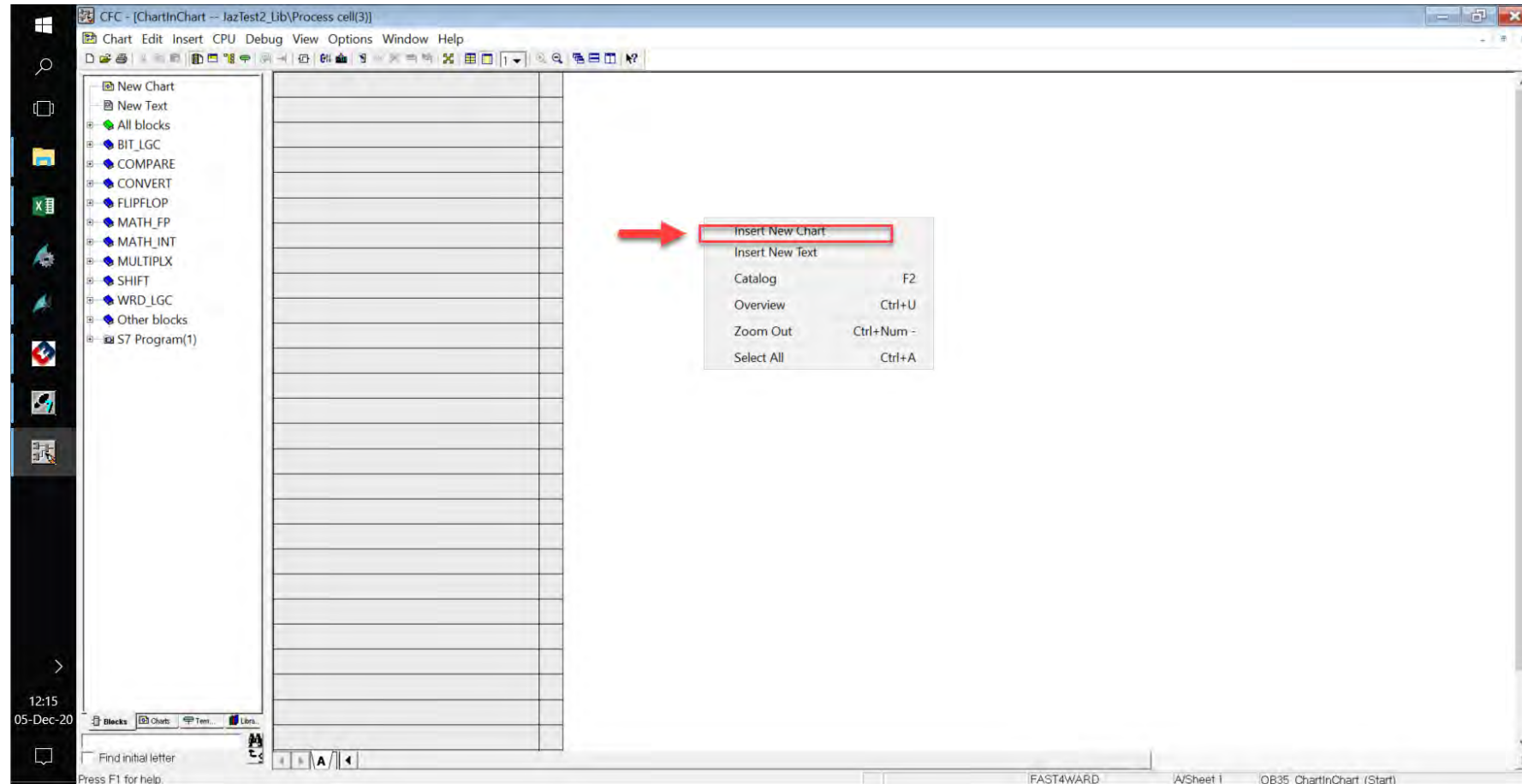
# 如何建Chart In Chart

Rev	Description	Date	Name
V1	First Issue	05/12/2020	Jaz Tai

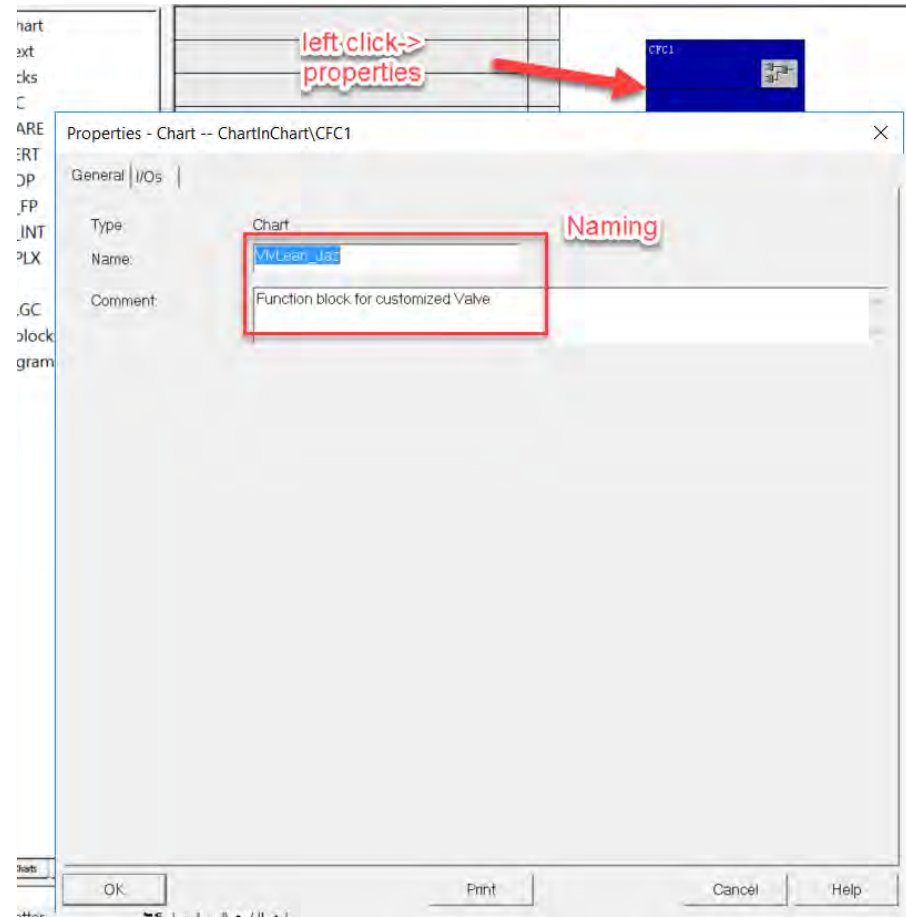
# 步骤1：新建个Chart



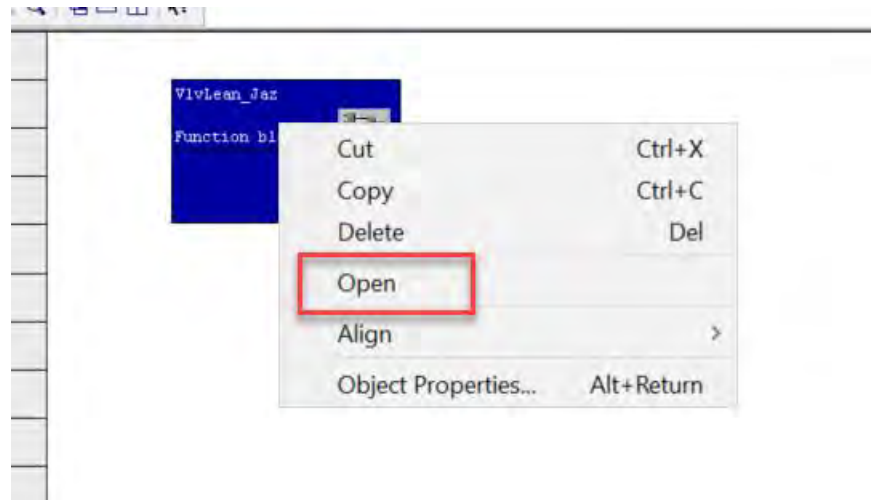
# 步驟2： Insert new chart



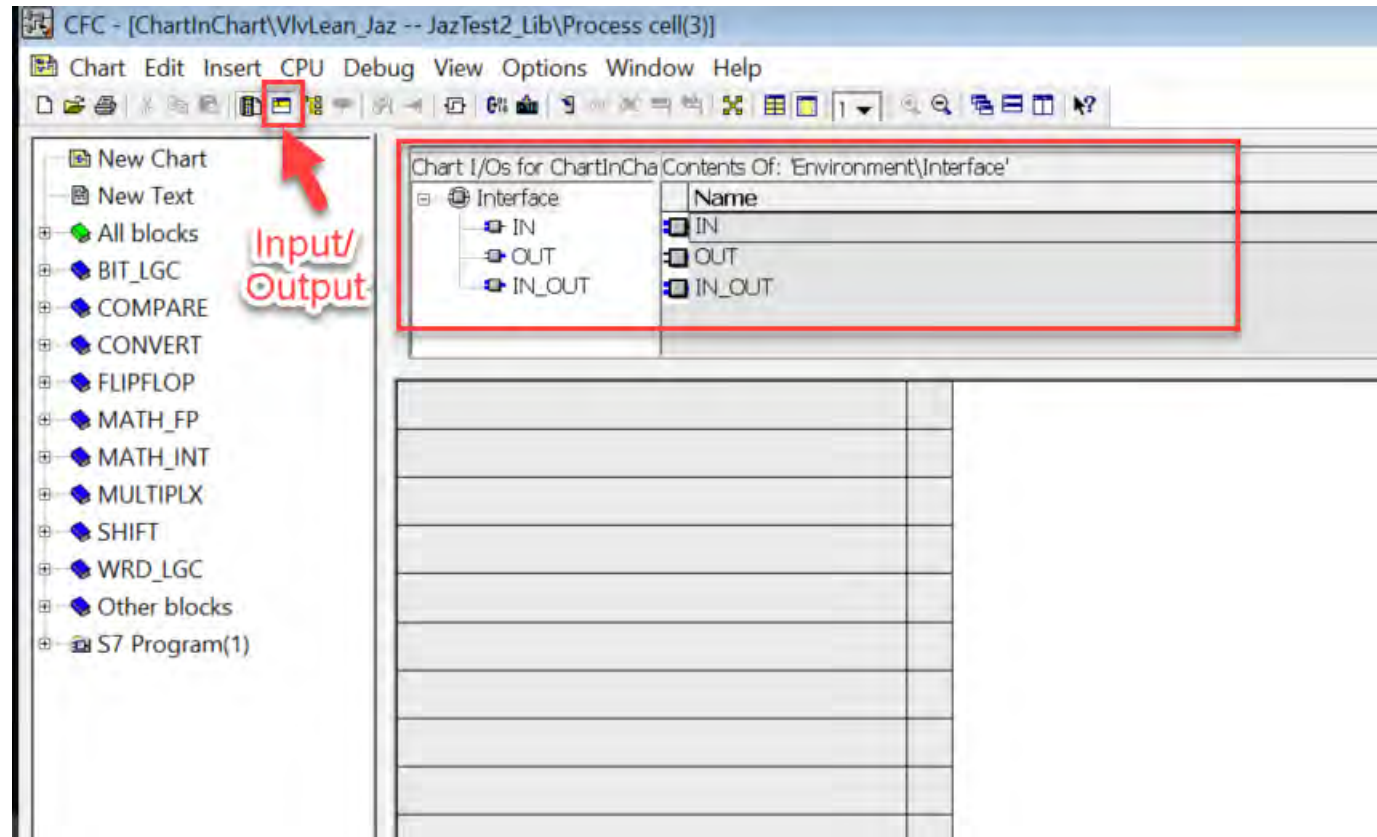
# 步骤3：命名



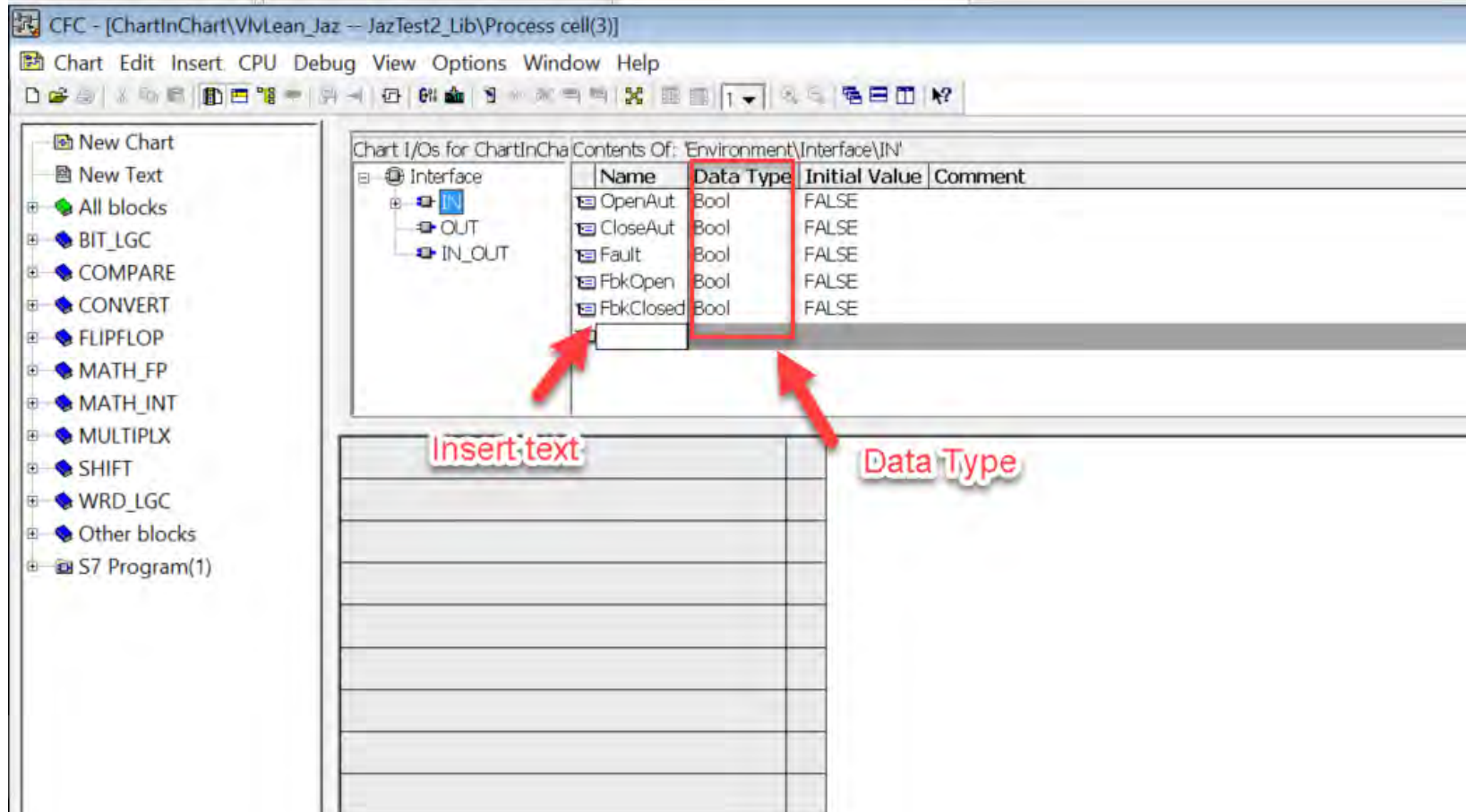
# 步骤4：打开 chart in chart



# 步驟5：建input/output



# 步驟6：建input/output



# 步驟7： Data Type : Struct

The image consists of three screenshots from a software development environment, likely showing the configuration of an interface component.

**Top Left Screenshot:** Shows a tree view of an interface with sub-items IN, OUT, and IN\_OUT. A table below lists properties: OpenAut (Bool), CloseAut (Date), Fault (Time\_Of), FbkOpen (Date\_Anc), and FbkClosed (String). The 'Struct' data type is highlighted in the dropdown menu for OpenAut.

Name	Data Type	Initial Value	Comment
OpenAut	Bool	FALSE	
CloseAut	Date	FALSE	
Fault	Time_Of	FALSE	
FbkOpen	Date_Anc	FALSE	
FbkClosed	String	FALSE	

**Top Right Screenshot:** Shows the same interface tree, but 'OpenAut' is now a sub-item under 'IN'. The table below shows 'OpenAut' (Struct) highlighted in red, along with other properties: CloseAut (Bool), Fault (Bool), FbkOpen (Bool), and FbkClosed (Bool).

Name	Data Type	Initial Value	Comment
OpenAut	Struct		
CloseAut	Bool	FALSE	
Fault	Bool	FALSE	
FbkOpen	Bool	FALSE	
FbkClosed	Bool	FALSE	

**Bottom Screenshot:** Shows a context menu for the 'OpenAut' entry in the table. The 'Open' option is highlighted in red. Other options include 'New Declaration Row', 'Cut', 'Copy', 'Delete', 'Display Columns...', and 'Object Properties...'.

Name	Data Type	Initial Value	Comment
OpenAut	Struct		

- Open
- New Declaration Row
- Cut (Ctrl+X)
- Copy (Ctrl+C)
- Delete (Del)
- Display Columns... (F11)
- Object Properties... (Alt+Return)



# 步骤8：建议命名为-Value, ST

Chart 1/Os for ChartInCha Contents Of: Environment\Interface\IN\OpenAut

Name	Data Type	Initial Value	Comment
Value	Bool	FALSE	Value
ST	Byte	16#80	Signal Status

Interface

- IN
  - OpenAut
    - CloseAut
    - Fault
    - FbkOpen
    - FbkClosed
- OUT
- IN\_OUT

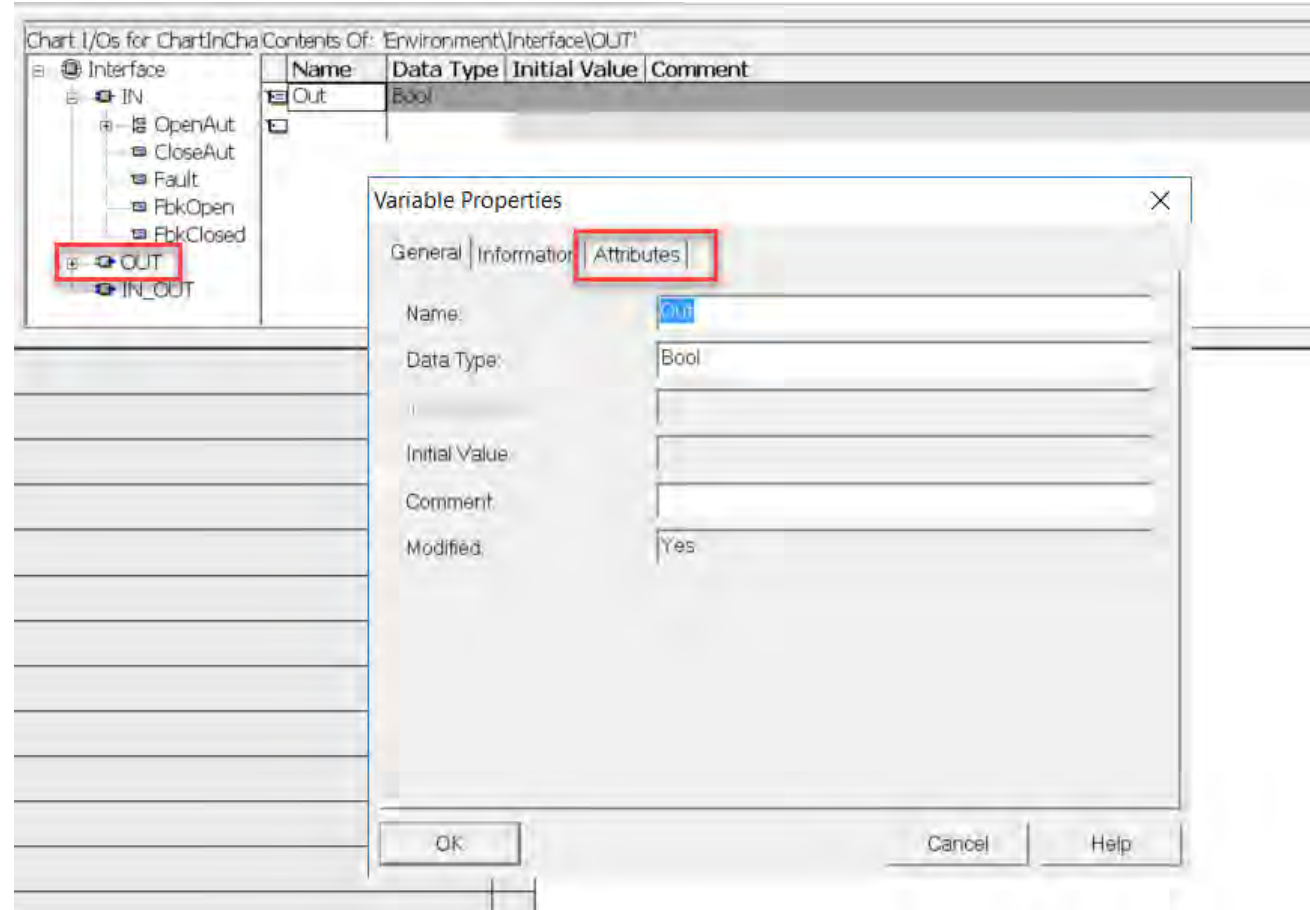
Select Structure Element

模仿其它块的命名 (OpAnS)

Structure:

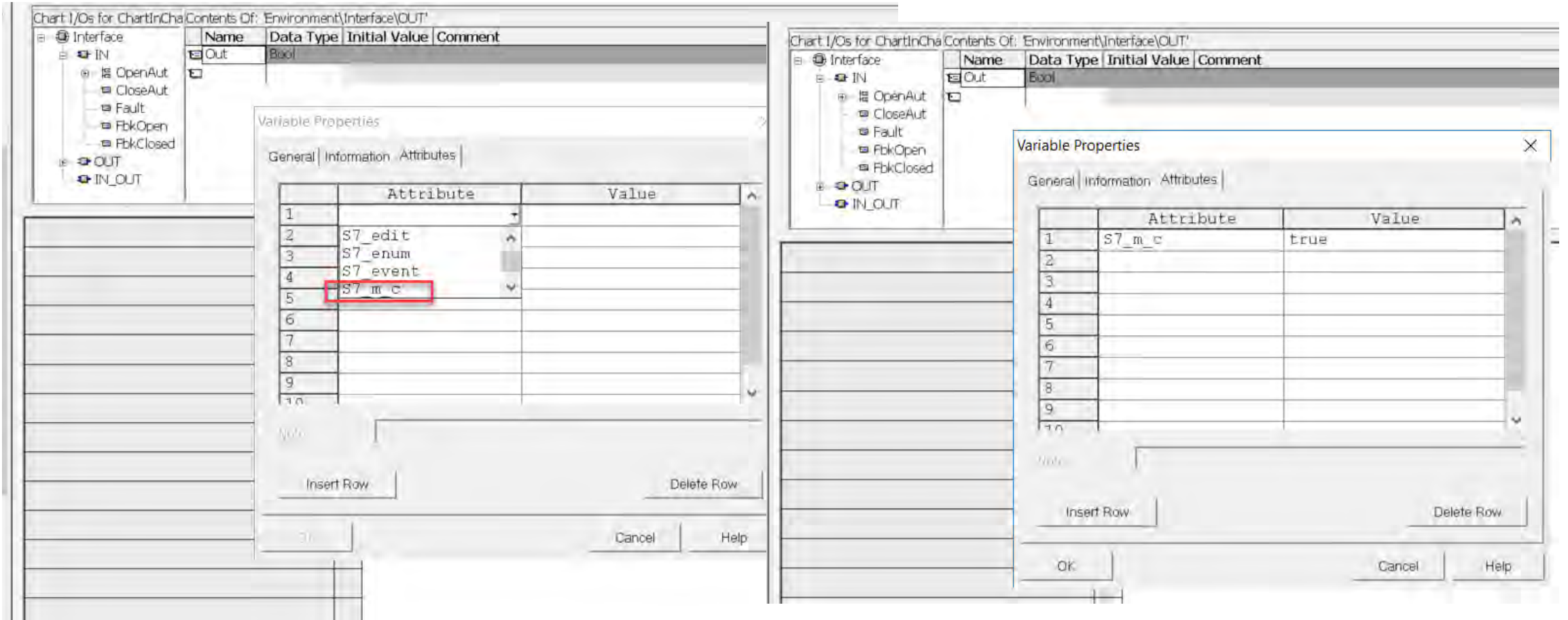
```
3P_LiOp [STRUCT] "Select setpoint source via 1 = interconnector, 0 = operator"  
- Value [BOOL] ' Value': 0  
- ST [BYTE] ' Signal Status': 16#80
```

# 步骤9：设置属性 (properties)



# 步骤10：要有OCM（弄去HMI）想了解的活可以看看其它library的块的属性。

## S7\_m\_c=true



# 步骤11：接input / output

The screenshot shows a software interface with a table of interface elements and a diagram of an AND gate.

Chart I/Os for ChartInCha Contents Of: Environment\Interface\OUT				
	Name	Data Type	Initial Value	Comment
Interface				
IN				
OpenAut				
CloseAut				
Fault				
FbkOpen				
FbkClosed				
OUT				
IN_OUT				
Out		Bool		

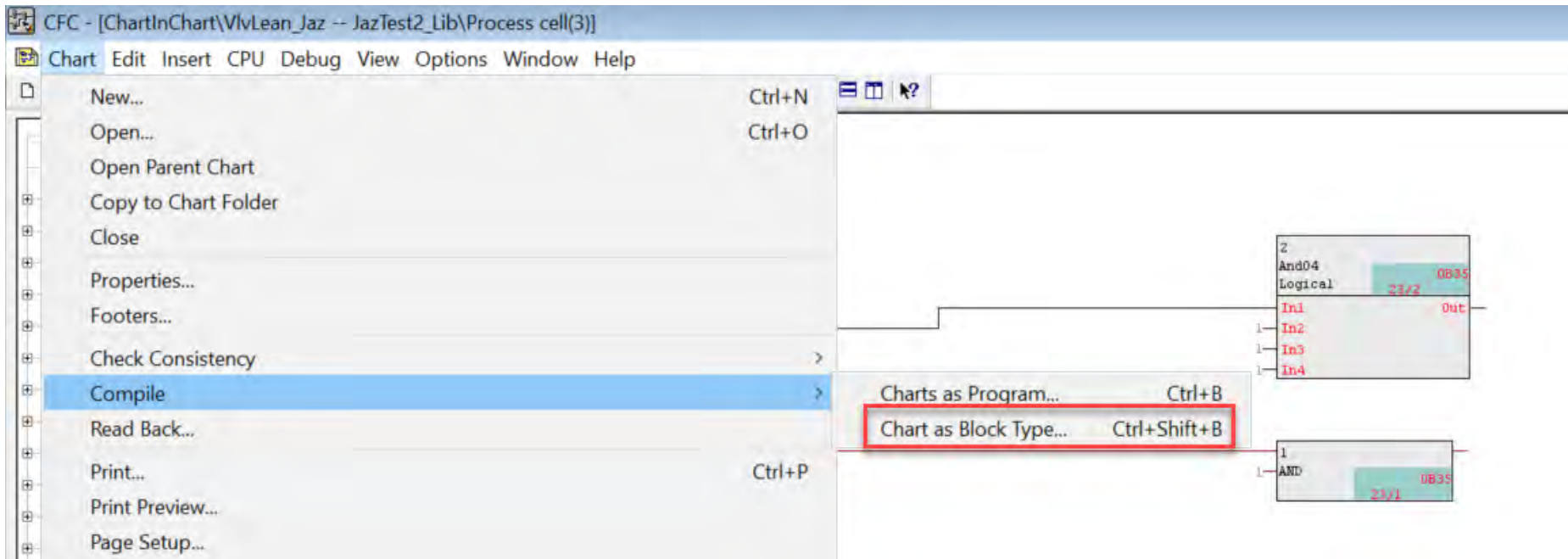
library 拉  
block 进来

Interconnection to Address... F3  
Textual Interconnection  
Interconnection to Chart I/O...  
Object Properties... Alt+Return

# 步骤12：接input output



# 步骤13：编辑完后，可以变成FB/FC



# 步骤14：参考其它块的属性

The screenshot shows the SIMATIC Manager interface. On the left, the project tree is visible, with 'Blocks' highlighted under 'S7 Program(1)'. The main window displays a table of objects:

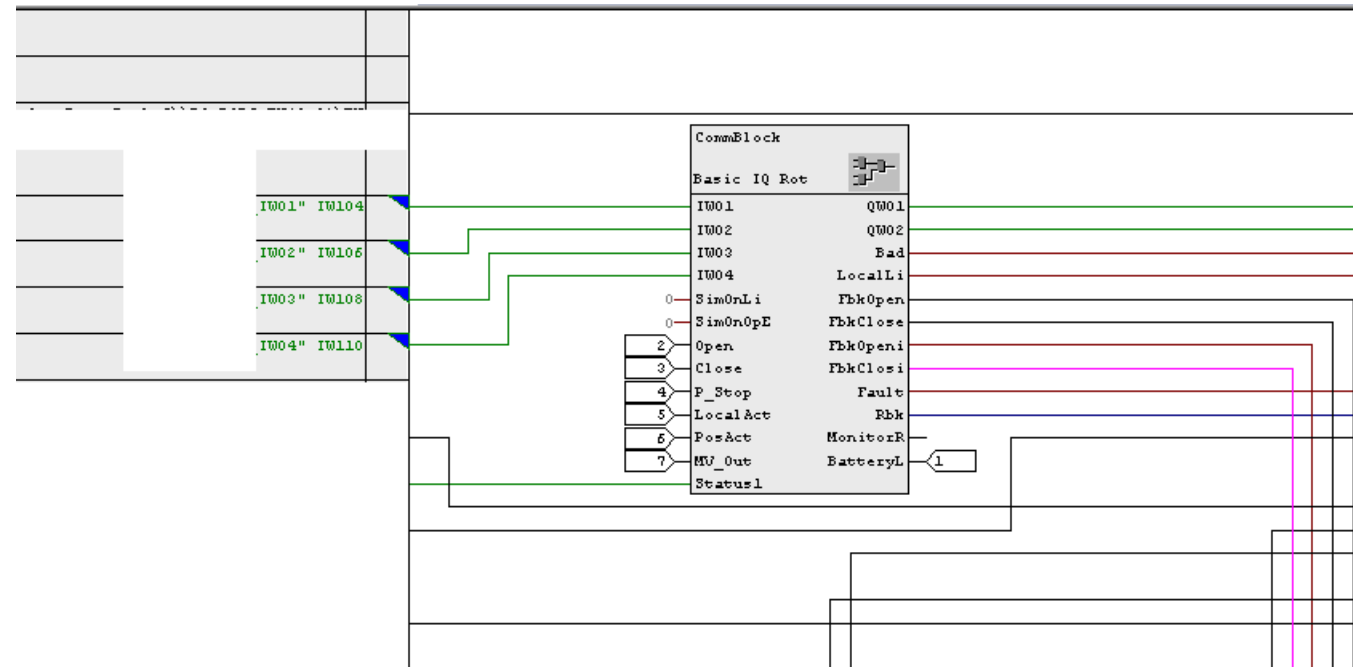
Object name	Symbolic name	Created in language	Size in the work me...	Type
FB1915	OpAnS	SCL	1454	Function Block
FC355	And04	STL	1868	Function
FC369	SelST16	STL	1268	Function

The 'Properties - Function Block' dialog is open, with the 'Attributes' tab selected. It contains a table of attributes:

Attribute	Value
1 S7_m_c	true
2 S7_tasklist	OB100
3	
4	
5	
6	
7	
8	
9	
10	

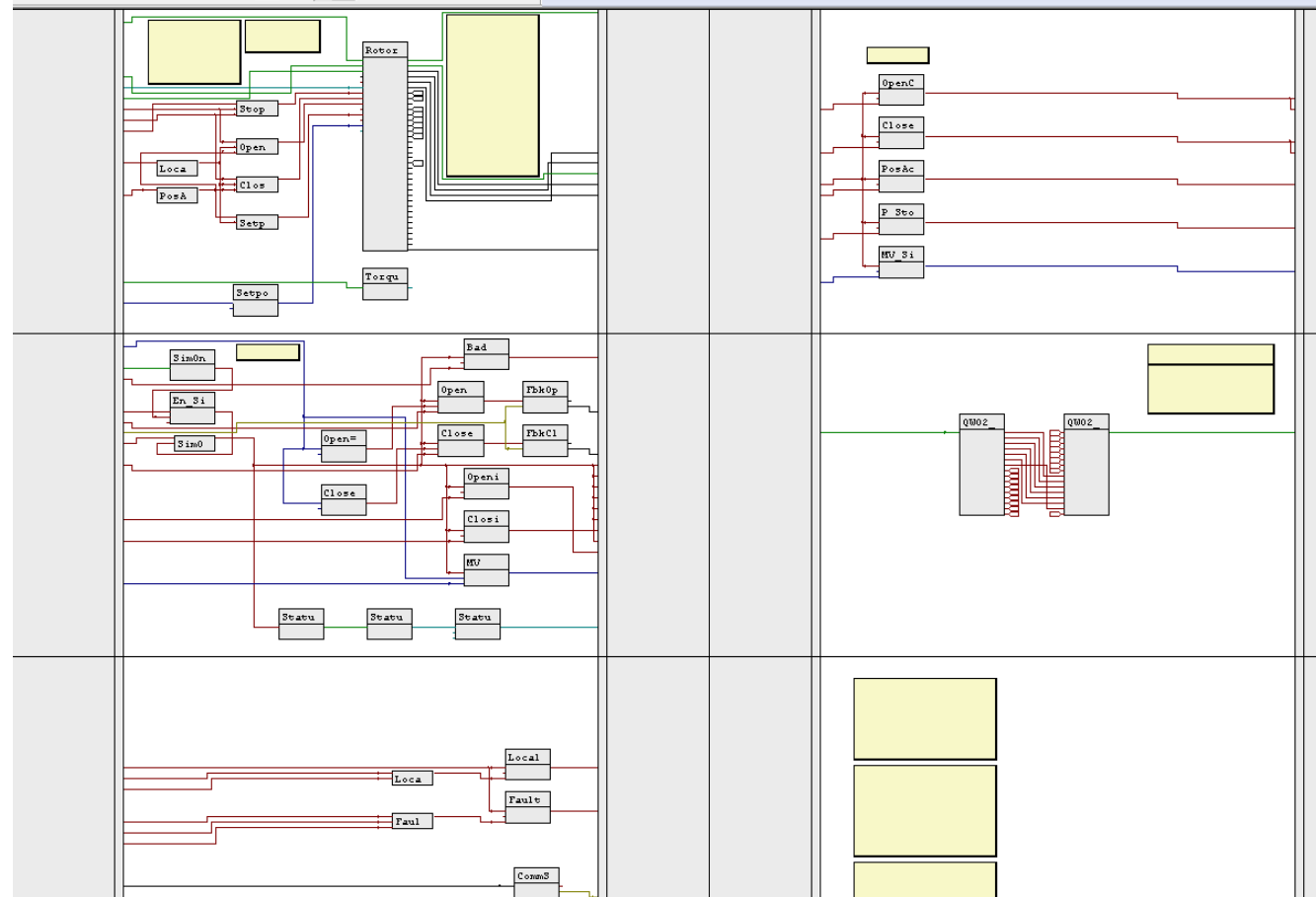
Buttons for 'Insert Row', 'Delete Row', 'OK', 'Cancel', and 'Help' are visible at the bottom of the dialog.

# 我的模板 (channel driver) - 编辑完chart in chart





# 我的模板(channel driver) - 打开chart in chart后





# The End of Slide.

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