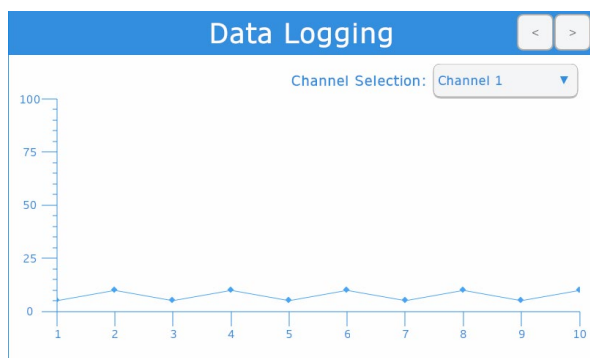


Sample Templates Document: BlockTrend.blu



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All pertinent state, regional, and local safety regulations must be observed when installing and using this product. For reasons of safety and to help ensure compliance with documented system data, only the manufacturer should perform repairs to components.

When devices are used for applications with technical safety requirements, the relevant instructions must be followed.

Failure to use Schneider Electric software or approved software with our hardware products may result in injury, harm, or improper operating results.

Failure to observe this information can result in injury or equipment damage.

Safety Information



Important Information

NOTICE

Read these instructions carefully, and look at the equipment to become familiar with the device before trying to install, operate, service, or maintain it. The following special messages may appear throughout this documentation or on the equipment to warn of potential hazards or to call attention to information that clarifies or simplifies a procedure.



The addition of this symbol to a “Danger” or “Warning” safety label indicates that an electrical hazard exists which will result in personal injury if the instructions are not followed.



This is the safety alert symbol. It is used to alert you to potential personal injury hazards. Obey all safety messages that follow this symbol to avoid possible injury or death.

DANGER

DANGER indicates a hazardous situation which, if not avoided, **will result in** death or serious injury.

WARNING

WARNING indicates a hazardous situation which, if not avoided, **could result in** death or serious injury.

CAUTION

CAUTION indicates a hazardous situation which, if not avoided, **could result in** minor or moderate injury.

NOTICE

NOTICE is used to address practices not related to physical injury.

PLEASE NOTE

Electrical equipment should be installed, operated, serviced, and maintained only by qualified personnel. No responsibility is assumed by Schneider Electric for any consequences arising out of the use of this material.

A qualified person is one who has skills and knowledge related to the construction and operation of electrical equipment and its installation, and has received safety training to recognize and avoid the hazards involved.

About the Book



At a Glance

Document Scope

This manual describes how to use this product.

Validity Note

This documentation is valid for this product.

The technical characteristics of the device(s) described in this manual also appear online at <http://www.pro-face.com>.

The characteristics presented in the present document should be the same as those that appear online. In line with our policy of constant improvement we may revise content over time to improve clarity and accuracy. In the event that you see a difference between the document and online information, use the online information as your reference.

Registered Trademarks

Microsoft and Windows are registered trademarks of Microsoft Corporation in the United States and/or other countries.

Product names used in this manual may be the registered trademarks owned by the respective proprietors.

Related Documents

You can download the manuals related to this product, such as the software manual, from our support site at <http://www.pro-face.com/trans/en/manual/1001.html>.

Product Related Information

If the equipment is used in a manner not specified by the manufacturer, the protection provided by the equipment may be impaired.

In the event this product does not run properly due to whatever reason, it may be difficult or impossible to identify a function. Functions that may present a hazard if not immediately executed, such as a fuel shut-off, must be provided independently of this product. The machine's control system design must take into account the operator being unable to control the machine or making mistakes in the control of the machine.

WARNING

UNINTENDED EQUIPMENT OPERATION

The application of this product requires expertise in the design and programming of control systems. Only persons with such expertise should be allowed to program, install, alter, and apply this product.

- Follow all local and national safety standards.

Failure to follow these instructions can result in death, serious injury, or equipment damage.

For additional information, refer to NEMA ICS 1.1 (latest edition), "Safety Guidelines for the Application, Installation, and Maintenance of Solid State Control" and to NEMA ICS 7.1 (latest edition), "Safety Standards for Construction and Guide for Selection, Installation and Operation of Adjustable-Speed Drive Systems" or their equivalent governing your particular location.

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Target: ST-6400WAD

Driver: None

BLUE version 3.1 or later

Template Overview

This template has a Block trend graph to plot the data of array variables. The 5 sets of arrays is managed with visibility based on channel selection. Each channel has 10 int variables.

Project structure

- On Screen1, 1 Content display (Layout Object) is placed with navigation switches at top to navigate between two contents.



*1- Click Switch1 to move from current screen to next screen.

*2- Click Switch2 to move from current screen to previous screen.

Run Time Behavior

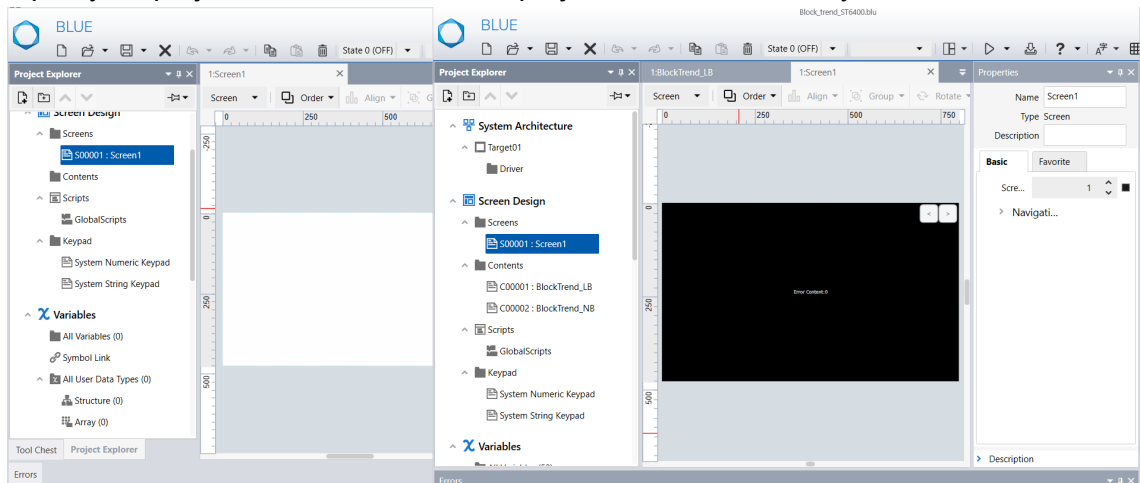
Runtime/Simulation of this template displays trend graph of the configured array variable. The “Channel Selection” drop-down in top of the screen is used to select the channel. This template has 5 channels.

Depending on the selected channel, its corresponding variable value is plotted in the graph. Each channel has 10 variables.


Note: To load the simulation, some default value was given for each variable. (Modify the value as required)

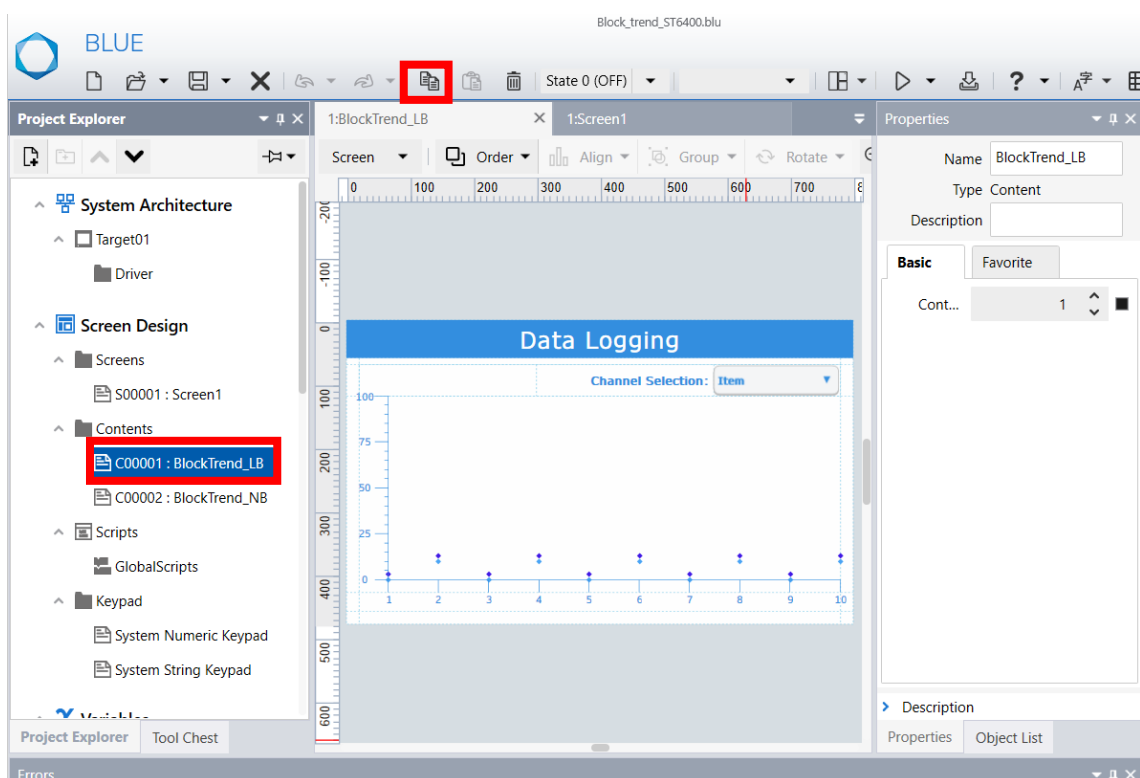
How to copy the objects to your project file

1. Open your project file and downloaded project file simultaneously.



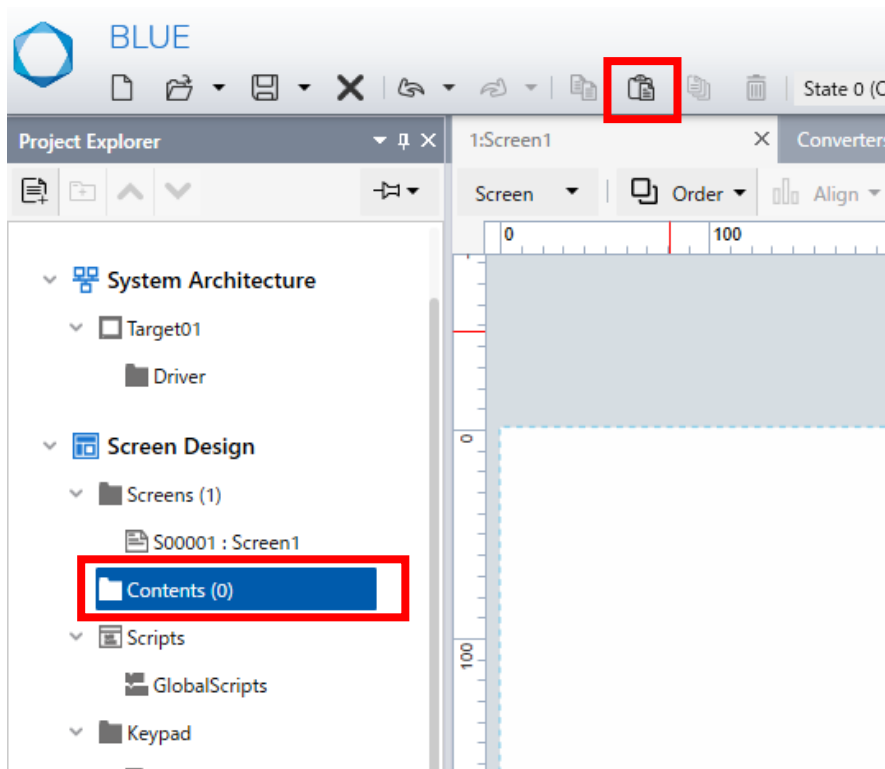
2. Open the downloaded project file.

Click the desired Content from “Contents” and copy the content using  copy icon in global Toolbar.

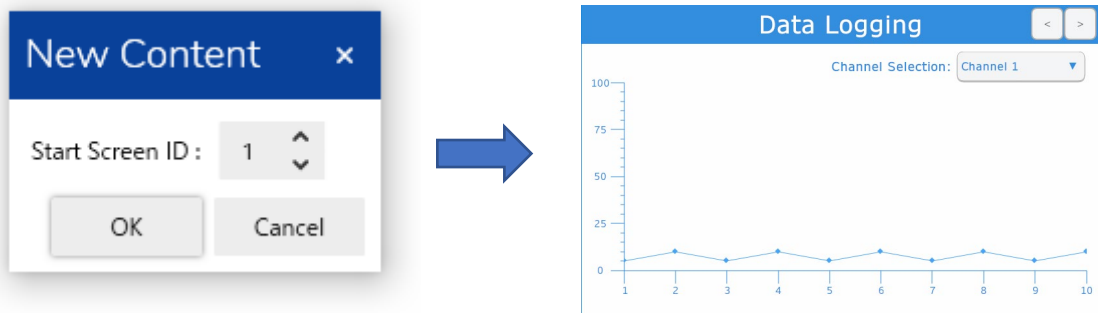


3. Open your project file.

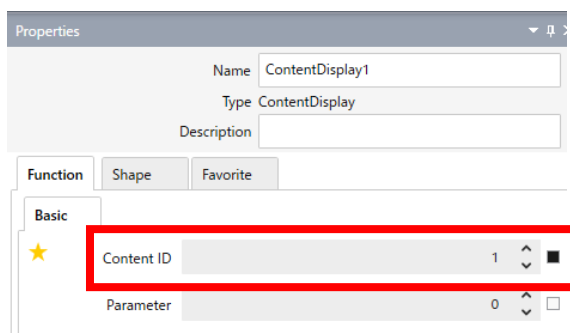
Click “Contents” and paste  icon in global Toolbar.



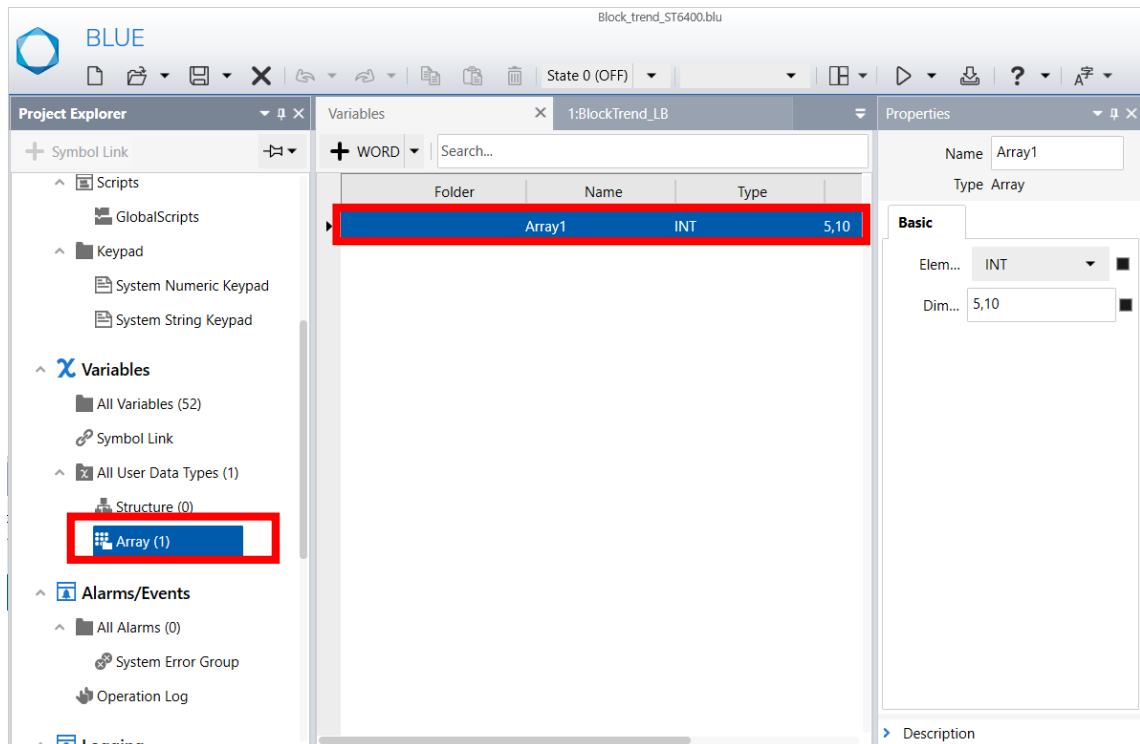
4. Select "Start Screen ID" and "OK". Copied content is successfully pasted in your project.



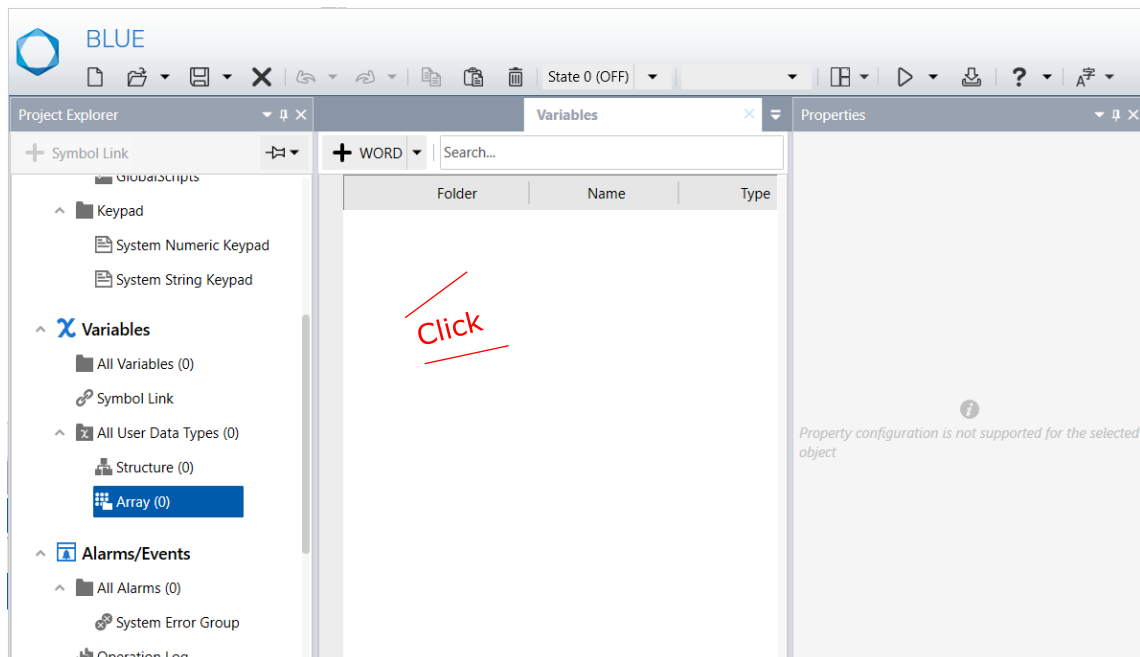
5. Select "Screen" and place "Content Display" Layout object from "Tool Chest". In "Properties" window, select "Content ID".



- Open the downloaded project file.
Click “Array” and select the row of array and copy it.



- Open your project file and select “Array”.
Click an existing array or a blank array and click paste icon in global toolbar.

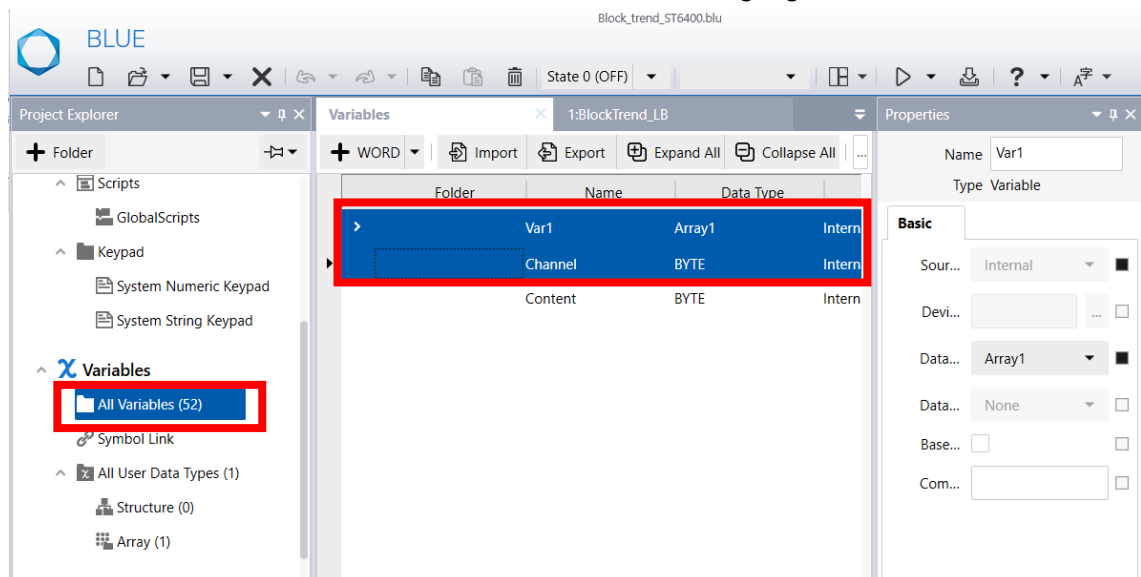


The copied array is pasted in your project.

Note: You can also create your own array

8. Open the downloaded project file.

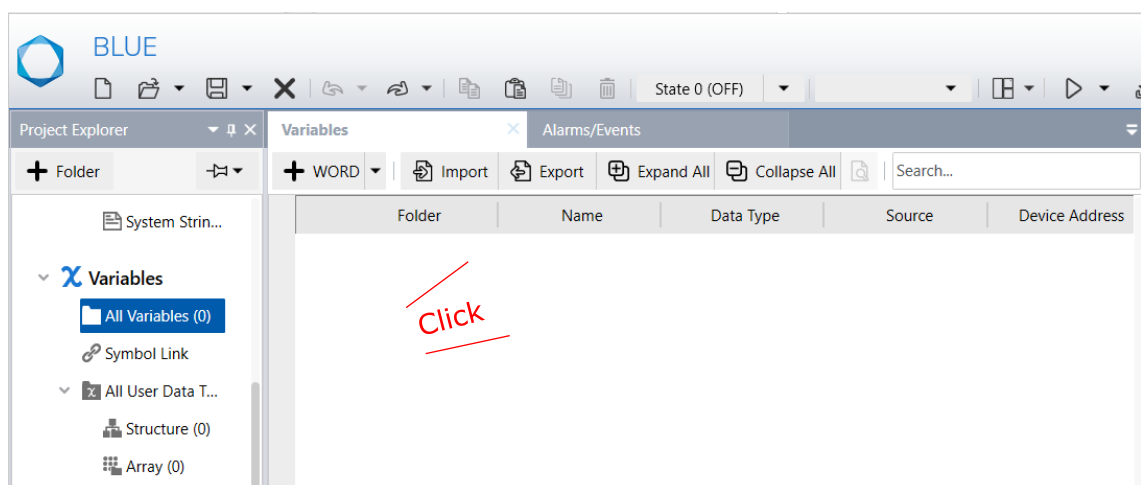
Click “All Variables” and select the row of Variables as highlighted below.



9. Click copy icon in global toolbar.

10. Open your project file and select “All Variables”.

Click an existing variable or a blank Variable and click paste icon in global toolbar.

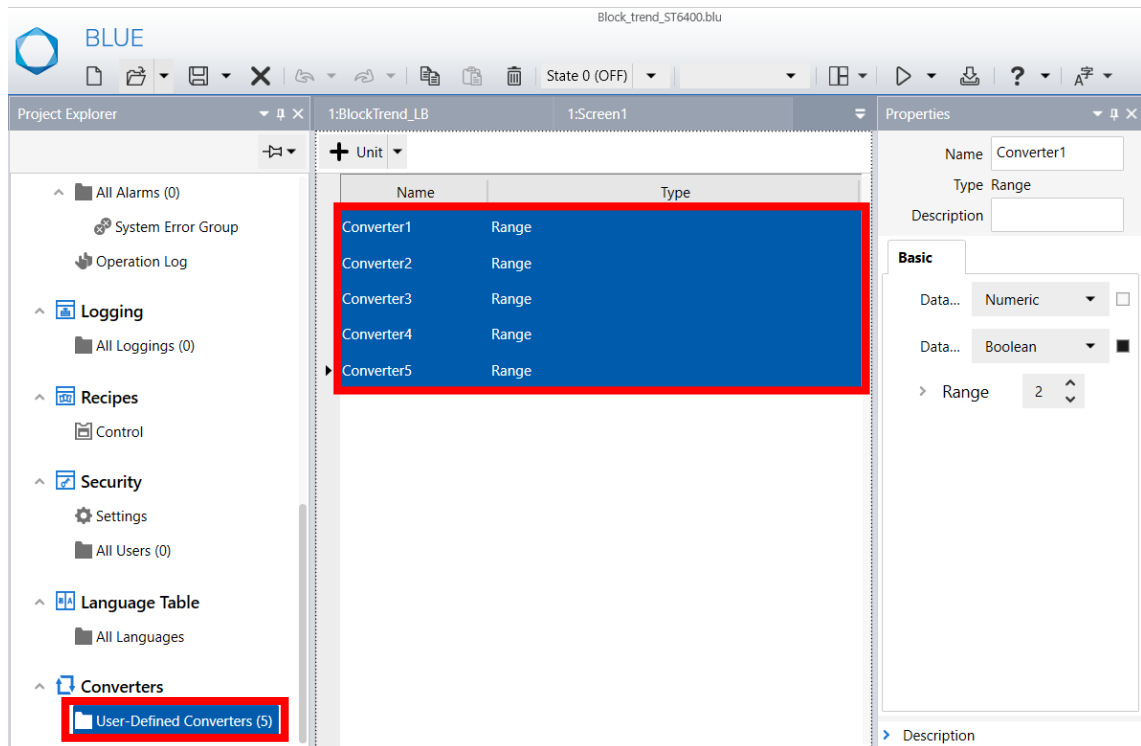


The copied variable is pasted in your project.

Note: You can also create your own variables.

11. Open the downloaded project file.

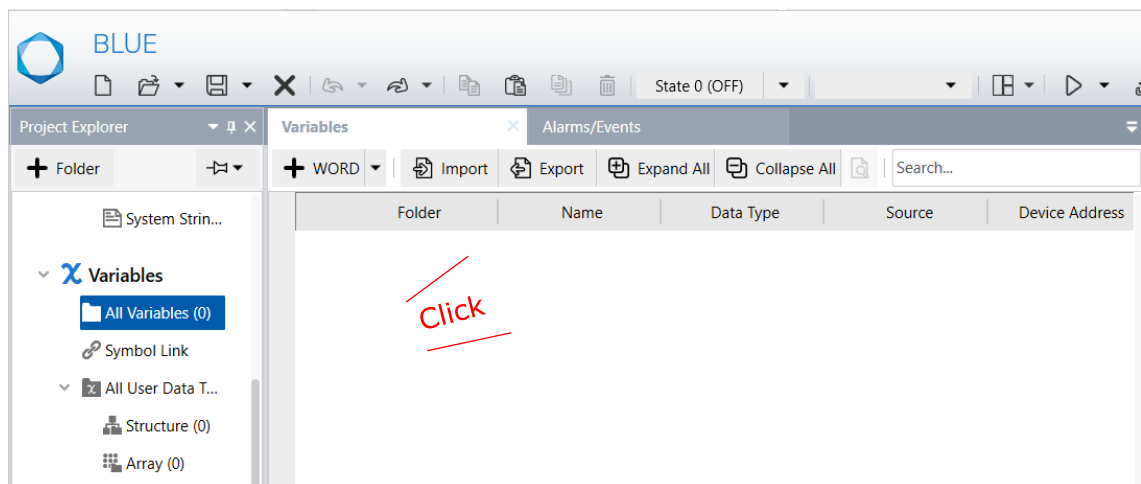
Click “User Defined Converters” and select all the converts as shown below.



12. copy the converter using  copy icon in global Toolbar.

13. Open your project file and select “User Defined Converters”.

Click an existing converter or a blank converter and click paste icon in global toolbar.

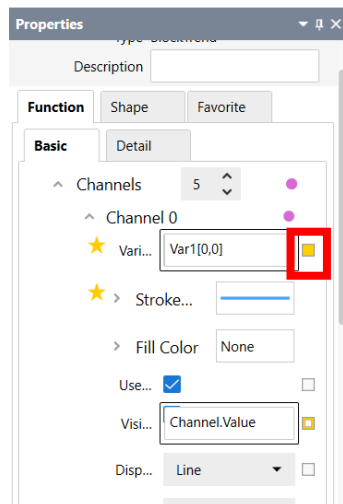


The copied variable is pasted in your project.

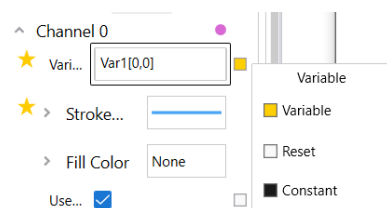
How to change Block trend variable

If you create new variables, then it should be configured in block trend as shown below.

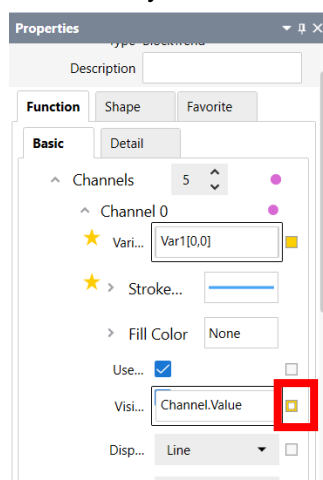
- I. Select Block Trend object in content.
- II. In “Properties” window, select Function>Basic>Channel0>Variable and click right side small square in Variable.



- III. Select “Variable”



- IV. Add new variable or select existing variable.
Similarly, configure for other channels (Channel 1 to Channel 4)
- V. For Visibility variable, configure Function>Basic>Channel0>Visibility



Similarly, configure for other channels (Channel 1 to Channel 4)