Sample Templates Document: GPS_LoggingDataDisplay01.blu

Document copyright policy:

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.

Table of Content

Target: All target models with resolution 1024 x 600 or more

Driver: None

BLUE version 3.4 or later

Template Overview

This template has 10 Logging Data Display with different number of columns.

Project structure

On Simple_Demo screen, 1 content display is placed. 10 different contents are called in Simple_Demo screen.

Screen			
Simple_Demo	ContentDisplay_GPS_LogData01_10 (Content ID: 1)	GPS_LogData01_10	Columns 1 to 10
	ContentDisplay_GPS_LogData01_9 (Content ID: 2)	GPS_LogData01_9	Columns 1 to 9
	ContentDisplay_GPS_LogData01_8 (Content ID: 3)	GPS_LogData01_8	Columns 1 to 8
	ContentDisplay_GPS_LogData01_7 (Content ID: 4)	GPS_LogData01_7	Columns 1 to 7
	ContentDisplay_GPS_LogData01_6 (Content ID: 5)	GPS_LogData01_6	Columns 1 to 6
	ContentDisplay_GPS_LogData01_5 (Content ID: 6)	GPS_LogData01_5	Columns 1 to 5
	ContentDisplay_GPS_LogData01_4 (Content ID: 7)	GPS_LogData01_4	Columns 1 to 4
	ContentDisplay_GPS_LogData01_3 (Content ID: 8)	GPS_LogData01_3	Columns 1 to 3
	ContentDisplay_GPS_LogData01_2 (Content ID: 9)	GPS_LogData01_2	Columns 1 to 2
	ContentDisplay_GPS_LogData01_1 (Content ID: 10)	GPS_LogData01_1	Column 1

Content ID 1

Date	Time	Data 1	Data 2	Data 3	Data 4	Data 5	Data 6	Data 7	Data 8	Data 9	Data 10
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										
02/09/2023	05:30:00										

Export | Column Change

Trigger

Current Data

Data 1	Data 2	Data 3	Data 4	Data 5	Data 6	Data 7	Data 8	Data 9	Data 10
12	24	36	48	60	72	84	96	108	132

Run Time Behavior

Runtime/Simulation of this template has a Logging Data Display with Trigger button, Export button, Column Change button. Click Trigger button to write data from Current Data. Click on Export button to export logging data. Click on Change Column to decrease/increase number of columns.

How to copy the objects to your project file

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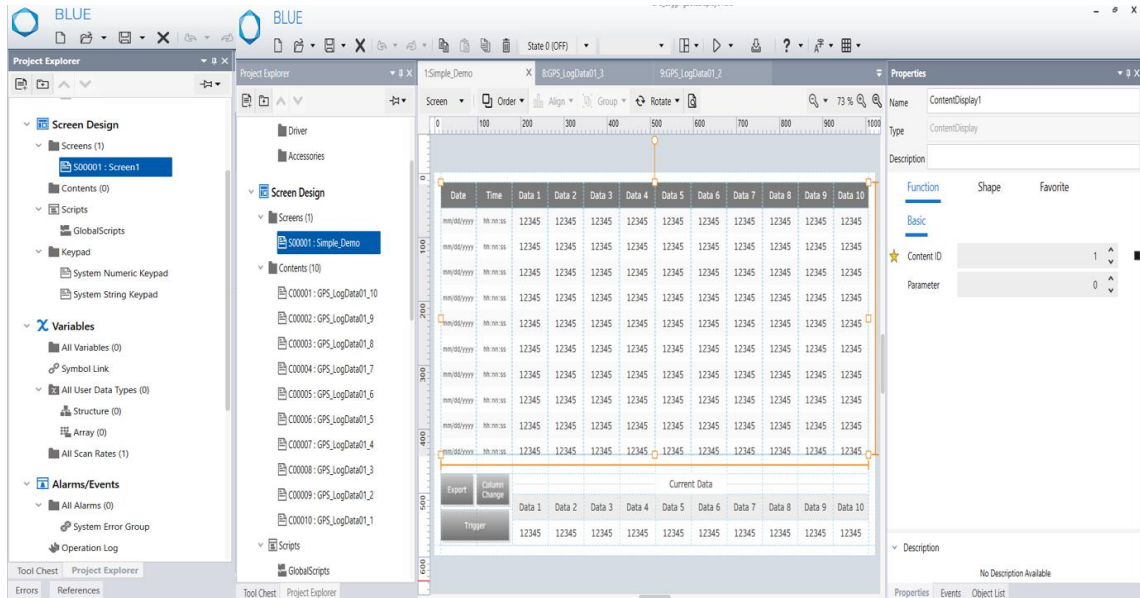
2. Open the downloaded project file.

   Click the Screen:00001 from "Screens" and copy the screen using ⧉ copy icon in global   Toolbar.
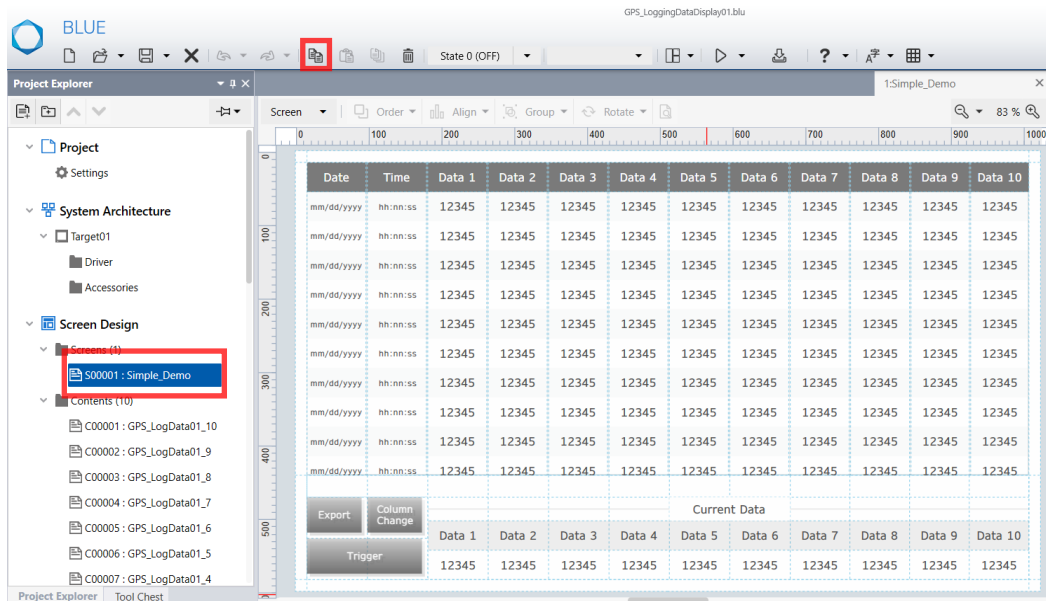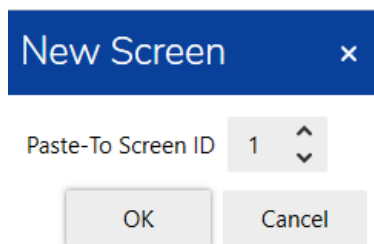
3. Open your project file.
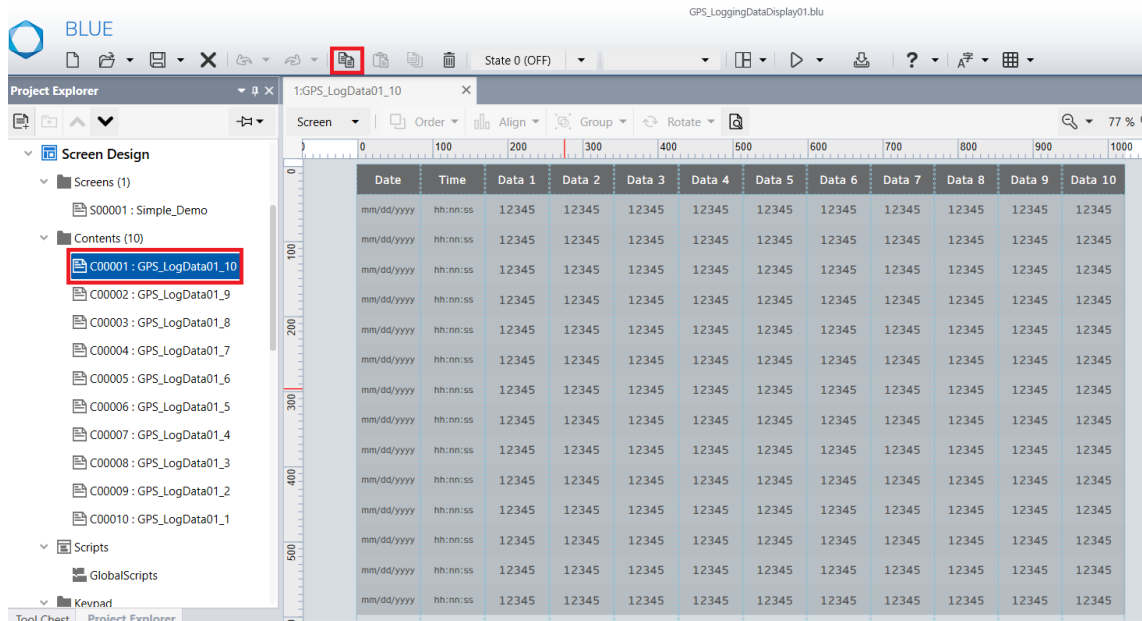
   Click "Screens" and paste ⧉ icon in global Toolbar.
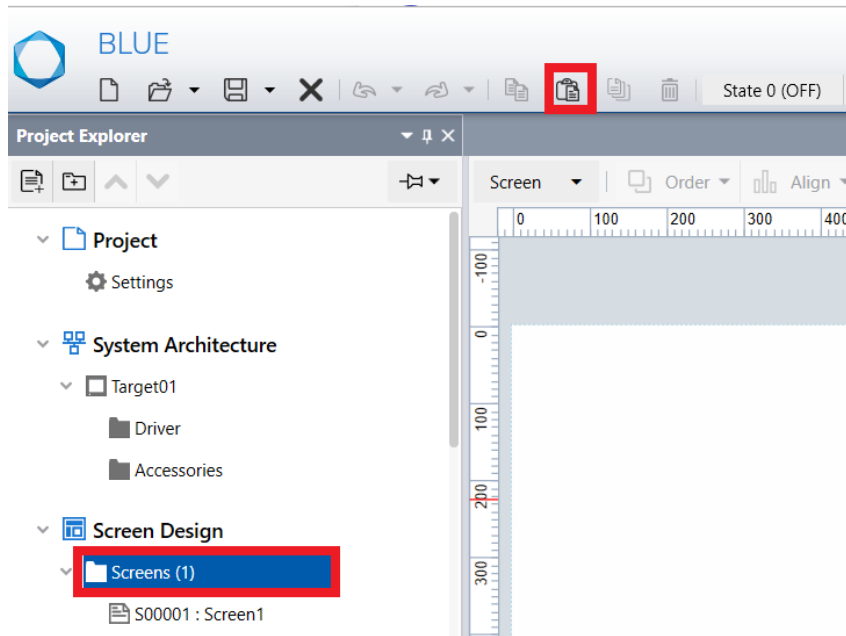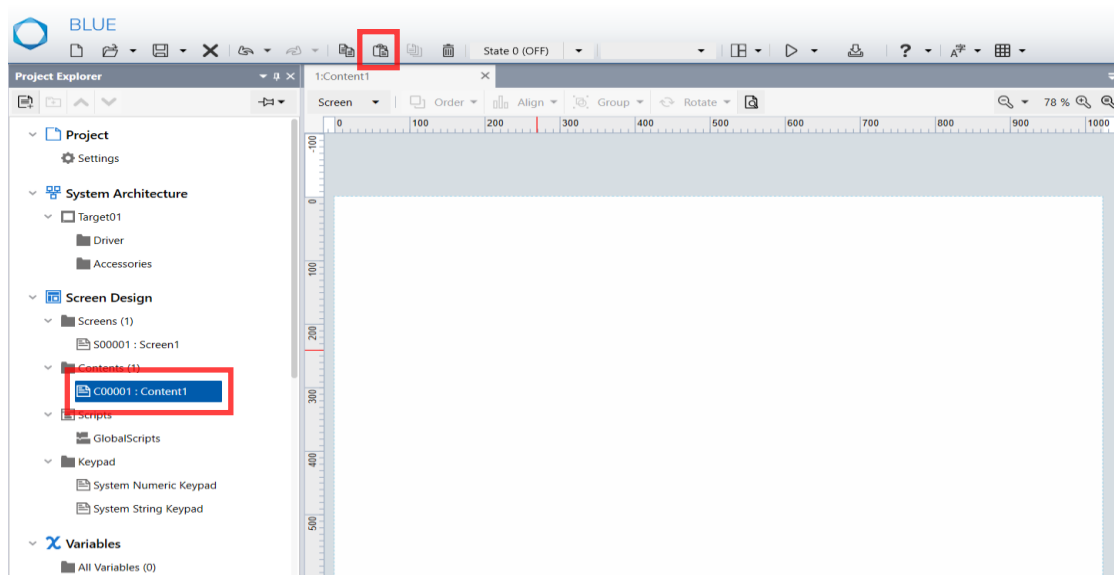

4. Select desired screen ID and click "OK".

   Result: Copied screen is successfully pasted in your project.

5. Open Downloaded Project and Select desired content from Contents based on your requirement and Click and Copy from global tool bar.

6. Open your project file, click on the Contents and then paste it using the paste icon from the global Toolbar.

7. Open the downloaded project file, select "Structure". Select the displayed Structure values and click the copy icon from the global Toolbar.
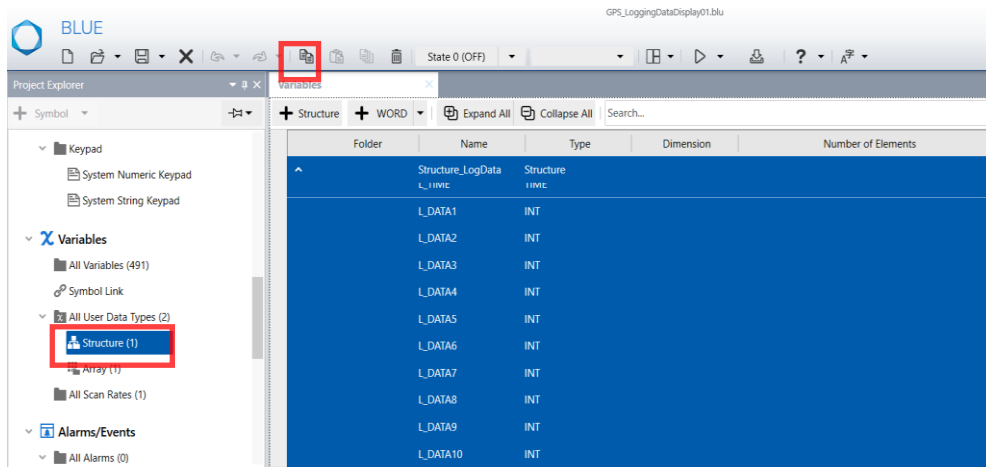
8. Open your project file, select "Structure". Click on the Structure Editor and click paste icon from the global Toolbar.
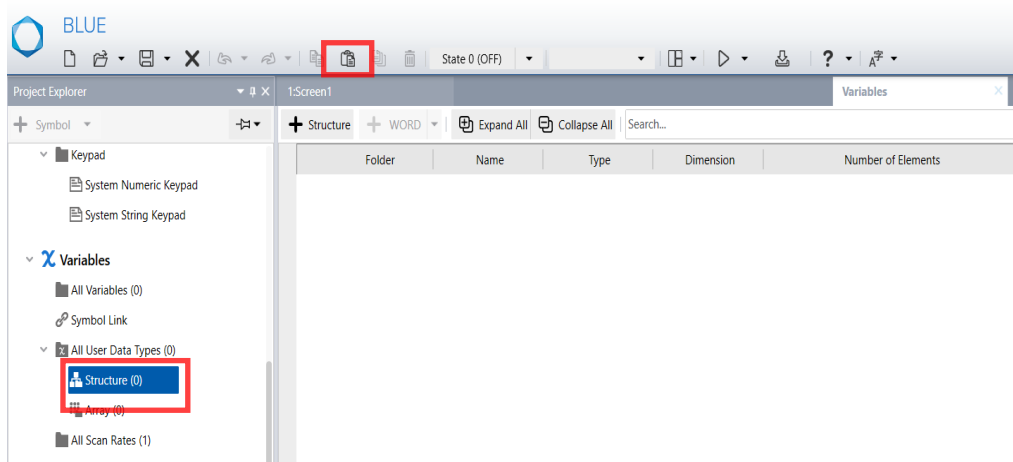
9. Open the downloaded project file, select "Array". Select the displayed Array and click the copy icon from the global Toolbar.
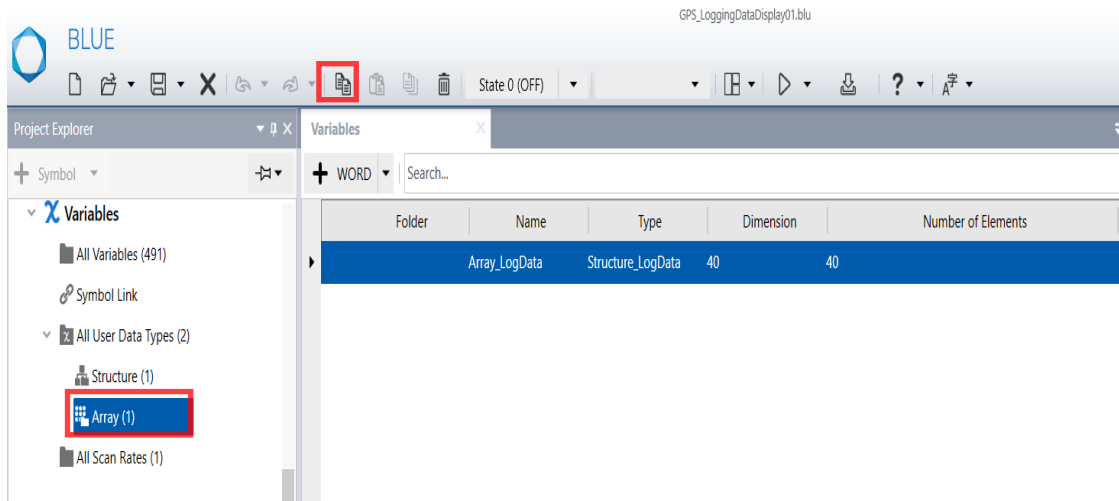

10. Open your project file, select "Array". Click on the Array Editor and click paste icon from the global Tool
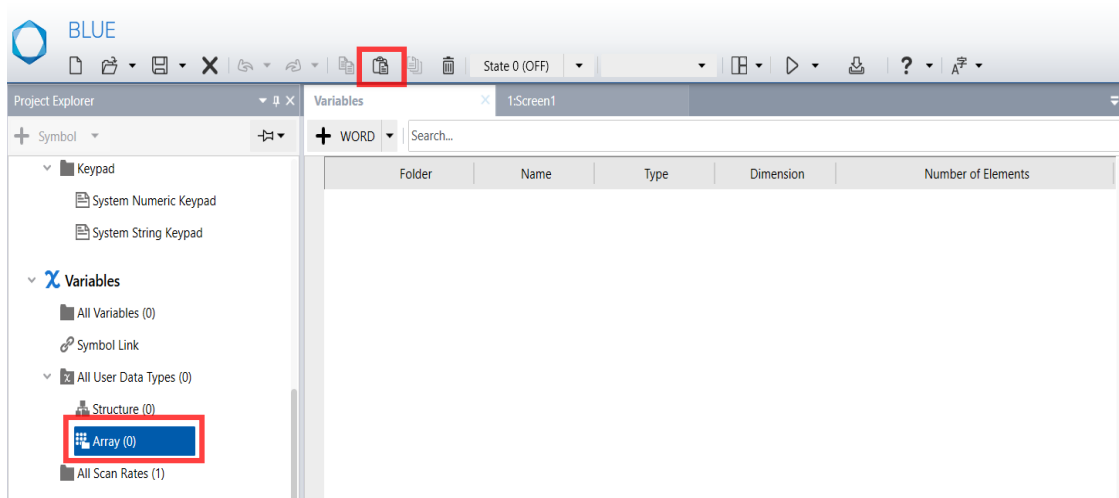
11. Open downloaded project file and select "All variables". Select all the displayed variables and click the copy icon from global Toolbar.
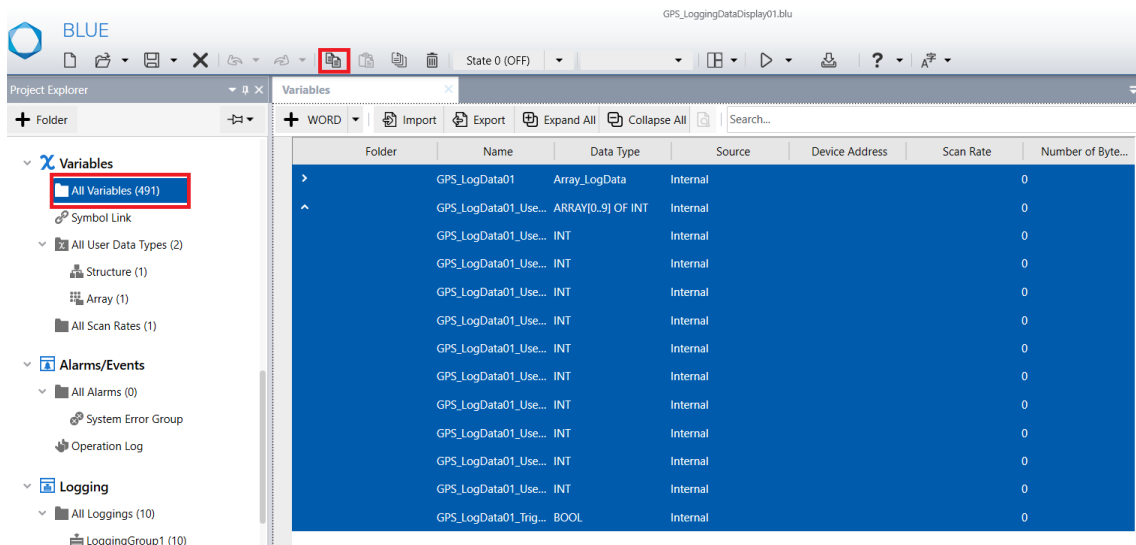
12. Open your project file and select "All variables". Click on the variable screen and click paste icon from the global Toolbar.
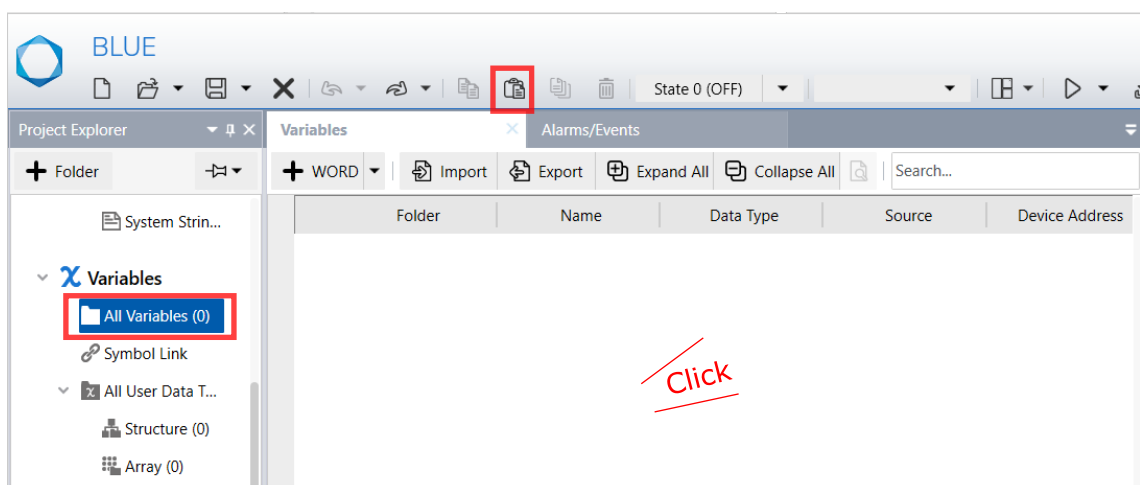
Note: You can also create your own variables to bind with Dialog. For more details, refer How to change Logging Data Variables.

13. Open the downloaded project file, select "Logging Group". Select the displayed Logging Groups and click the copy icon from the global Toolbar
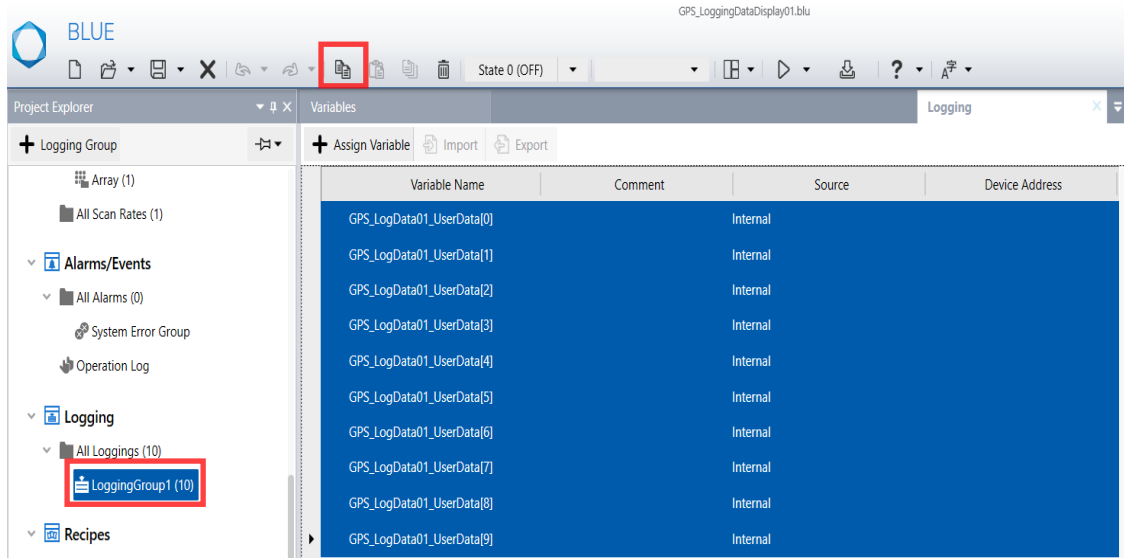
14. Open your project file, select "All Loggings". Click on paste icon from the global Tool
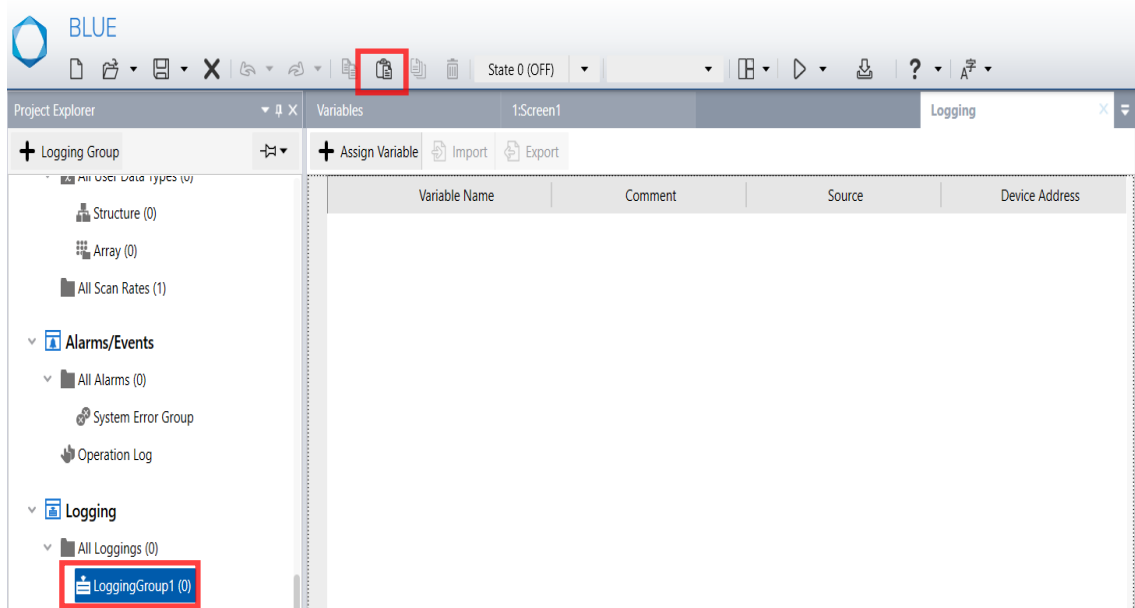
15. Open the Downloaded Project and click on Global Script and Select Scripts and click on Copy from Global Tool bar
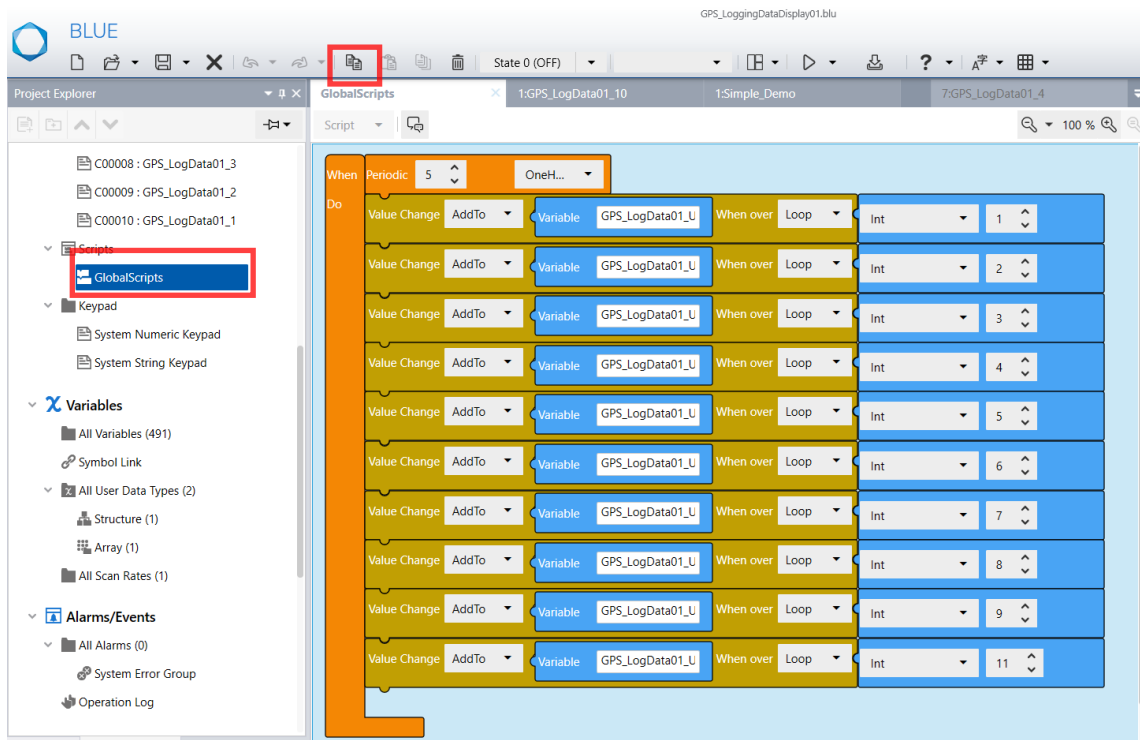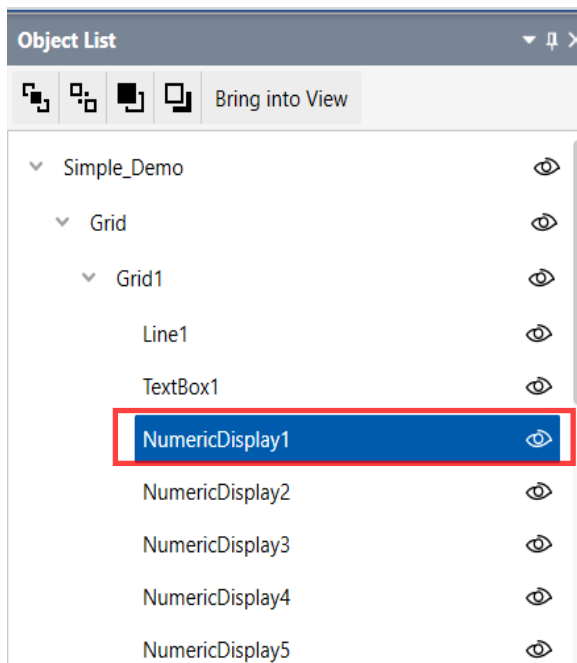

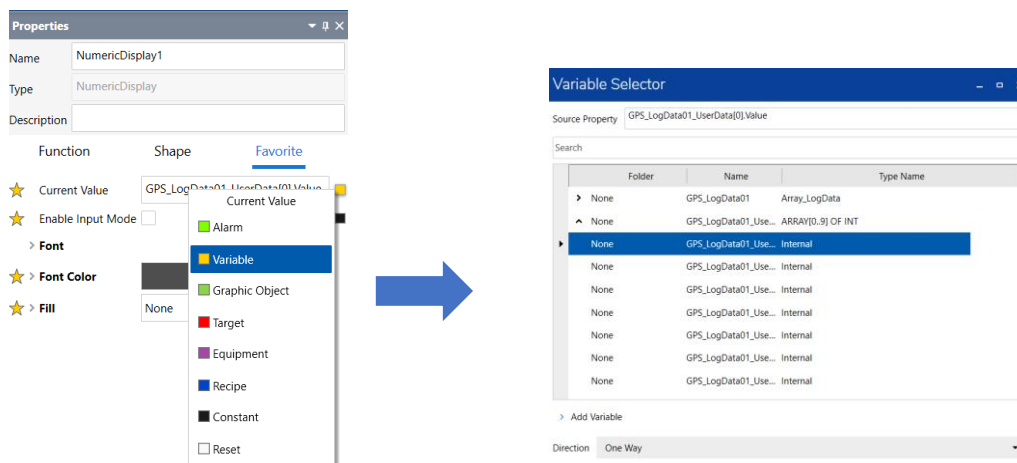16. Open your Project, Click on Global Script, and Click on Paste from Global Tool Bar.
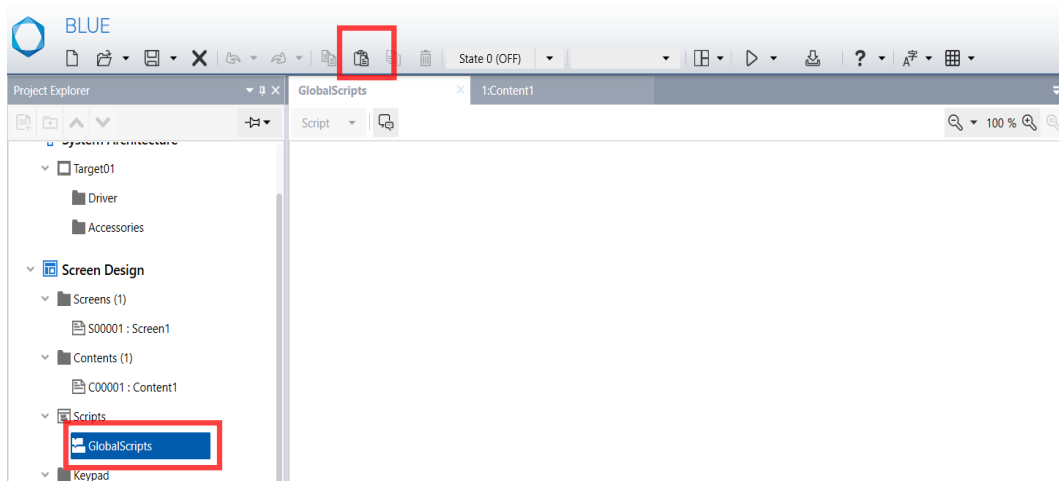
How to change Logging Data Display Variables

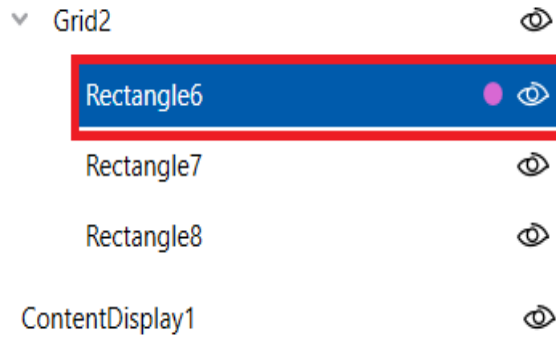1. Open your project, in desired screen, select the NumericDisplay1 from Object List.

2. In Properties tab, select **Function** > **Basic** > **Current Value** and bind the desired variable from variable selector.
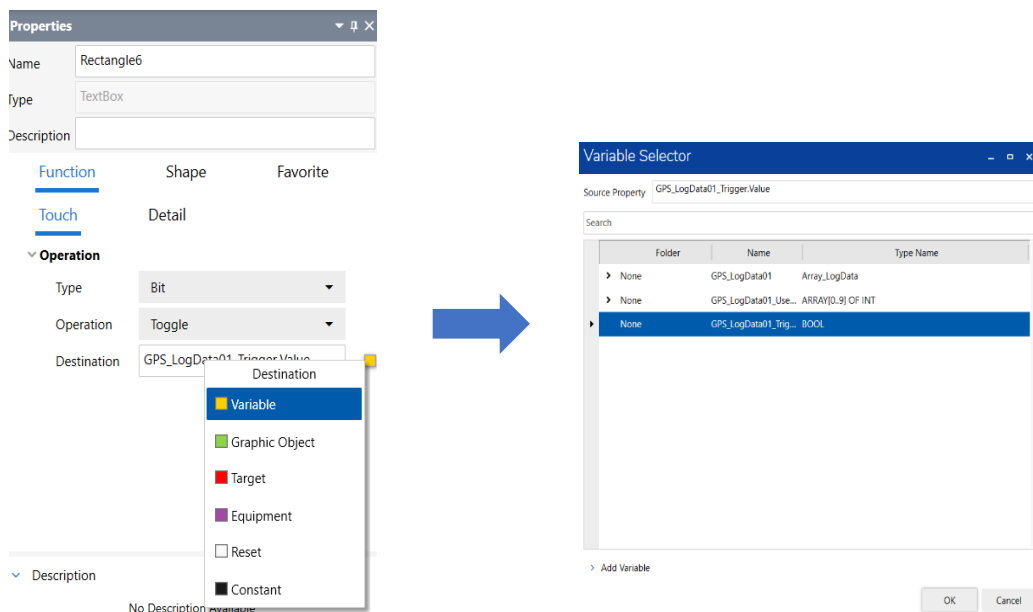

Note: The variable used here will be used to Display Logging Data.

3. Repeat the above steps for remaining Numeric Displays.

4. Select the Rectangle6 in Grid2

5. In Properties tab, select **Function > Touch > Destination** and bind the same variable used above from variable selector.

6. Open your project, in desired Content, select the Objects from Object List and follow Table list to bind the desired variables.

Objects	Variables
NumericDisplay1 to NumericDisplay10	GPS_LogData01[1]. L_DATA1.Value to GPS_LogData01[1]. L_DATA10.Value
NumericDisplay11 to NumericDisplay48	GPS_LogData01[2]. L_DATA1.Value to GPS_LogData01[39]. L_DATA1.Value
NumericDisplay49 to NumericDisplay86	GPS_LogData01[2]. L_DATA2Value to GPS_LogData01[39]. L_DATA2.Value
NumericDisplay87 to NumericDisplay124	GPS_LogData01[2]. L_DATA3.Value to GPS_LogData01[39]. L_DATA3.Value
NumericDisplay125 to NumericDisplay162	GPS_LogData01[2]. L_DATA4.Value to GPS_LogData01[39]. L_DATA4.Value
NumericDisplay163 to NumericDisplay200	GPS_LogData01[2]. L_DATA5.Value to GPS_LogData01[39]. L_DATA5.Value
NumericDisplay201 to NumericDisplay238	GPS_LogData01[2]. L_DATA6.Value to GPS_LogData01[39]. L_DATA6.Value
NumericDisplay239 to NumericDisplay276	GPS_LogData01[2]. L_DATA7.Value to GPS_LogData01[39]. L_DATA7.Value
NumericDisplay277 to NumericDisplay314	GPS_LogData01[2]. L_DATA8.Value to GPS_LogData01[39]. L_DATA8.Value
NumericDisplay315 to NumericDisplay354	GPS_LogData01[2]. L_DATA9.Value to GPS_LogData01[39]. L_DATA9.Value
NumericDisplay353 to NumericDisplay390	GPS_LogData01[2]. L_DATA10.Value to GPS_LogData01[39]. L_DATA10.Value
DateTimeDisplay2 to DateTimeDisplay40	GPS_LogData01[2].L_DATE.Value to GPS_LogData01[39].L_DATE.Value
DateTimeDisplay41 to DateTimeDisplay78	GPS_LogData01[2].L_TIME.Value to GPS_LogData01[39].L_TIME.Value

7. In Properties tab, select **Function** > **Basic** > **Current Value** and bind the desired variable from variable selector
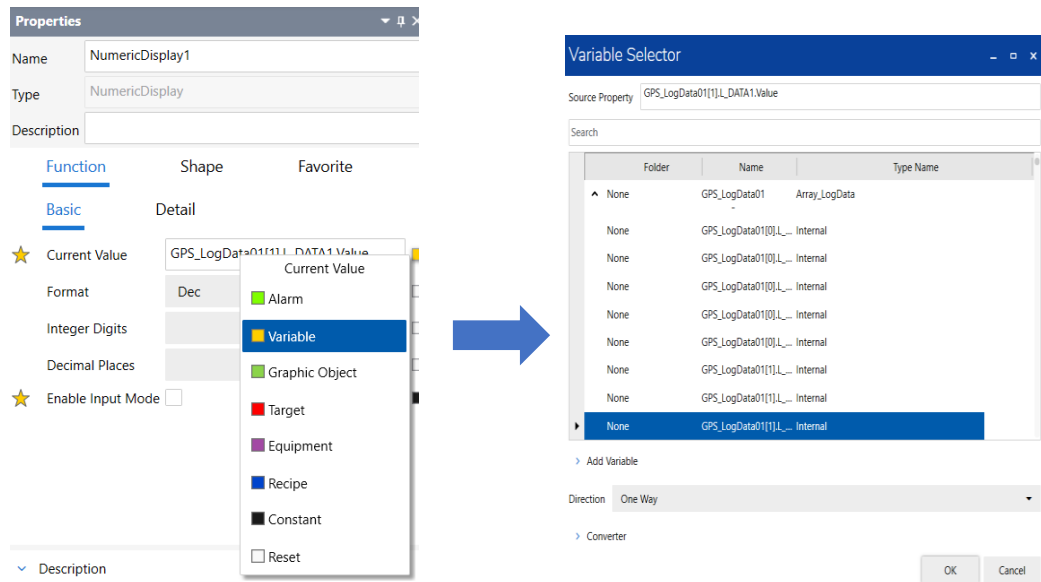
8. Open the Script of Content.
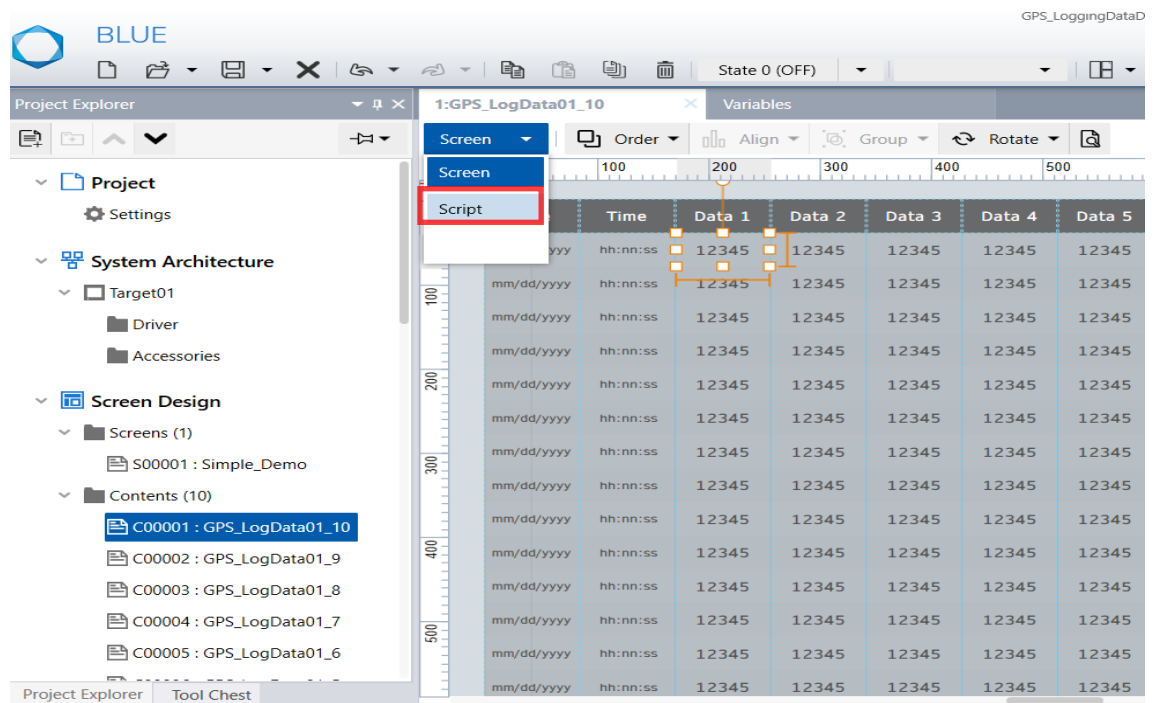
9. Select the desired variables in value change trigger and in all array operations of the script.