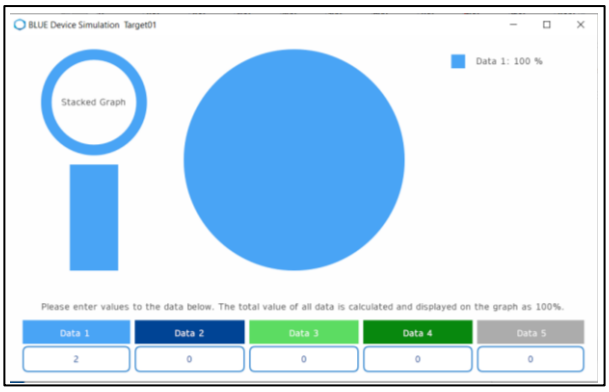
Sample Templates Document: GPS_StackedGraph01.blu



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 *https://www.proface.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 *https://www.proface.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: ST-6500WAD

Driver: None

BLUE version 3.4.100 or later

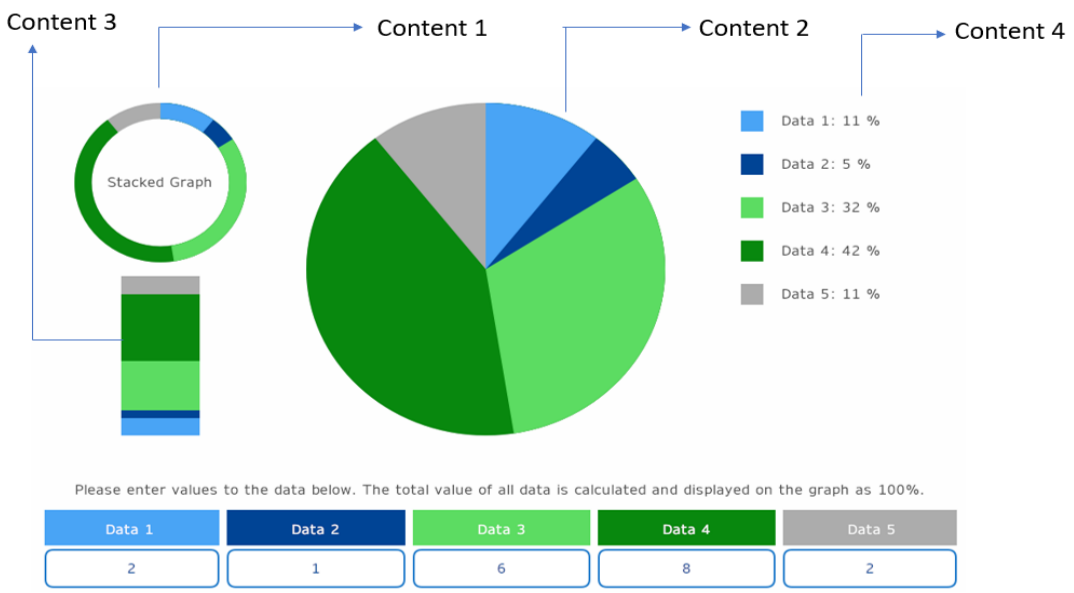
Template Overview

This template has Circle, Pie, and Bar Graph. Guide Graph used to show the percentage.

Project structure

On Simple_Demo, 4 content displays are placed. Different contents are called in Simple_Demo screen.

Screen			
Simple_Demo	ContentsDisplay1 (Content ID: 1)	GPS_StackedGraph01_Circle	Circle
	ContentsDisplay2 (Content ID: 2)	GPS_StackedGraph01_Pie	Pie
	ContentsDisplay3 (Content ID: 3)	GPS_StackedGraph01_Bar	Bar
	ContentsDisplay4 (Content ID: 4)	GPS_StackedGraph01_Guide	Guide



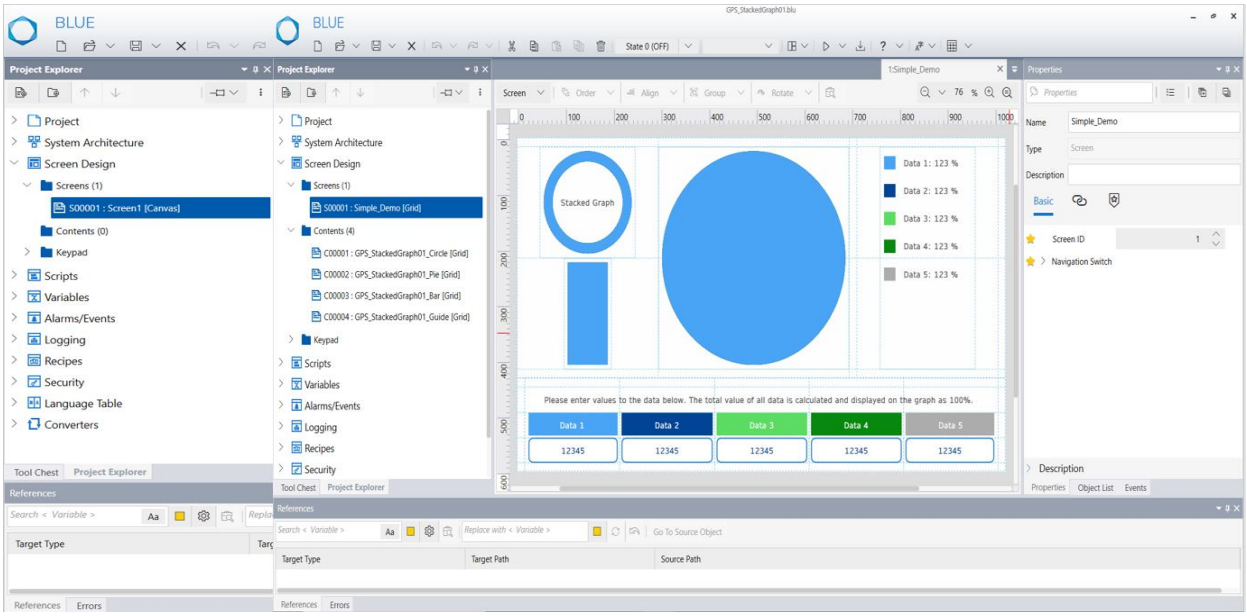
Run Time Behavior

Runtime/Simulation of this template displays a Stacked Circle Graph, Pie Graph, Bar Graph and Guide graph to show percentage.

Click the Numeric Display (Data 1 to Data5) and edit the value to display value change in the Stack graphs.

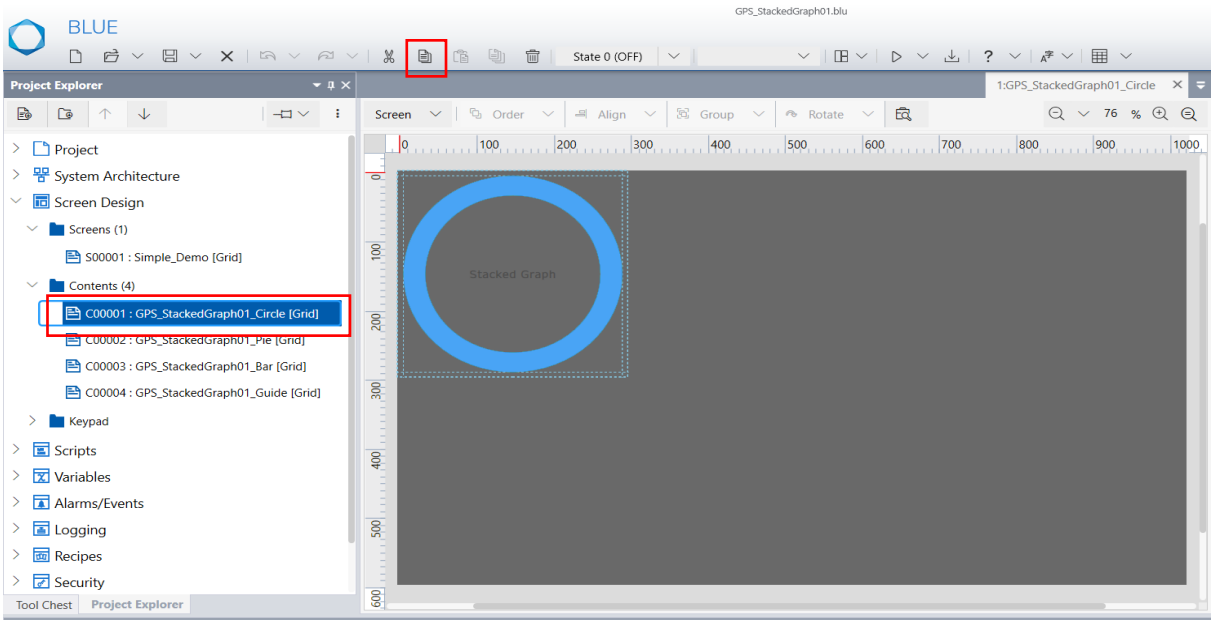
How to copy the objects to your project file

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

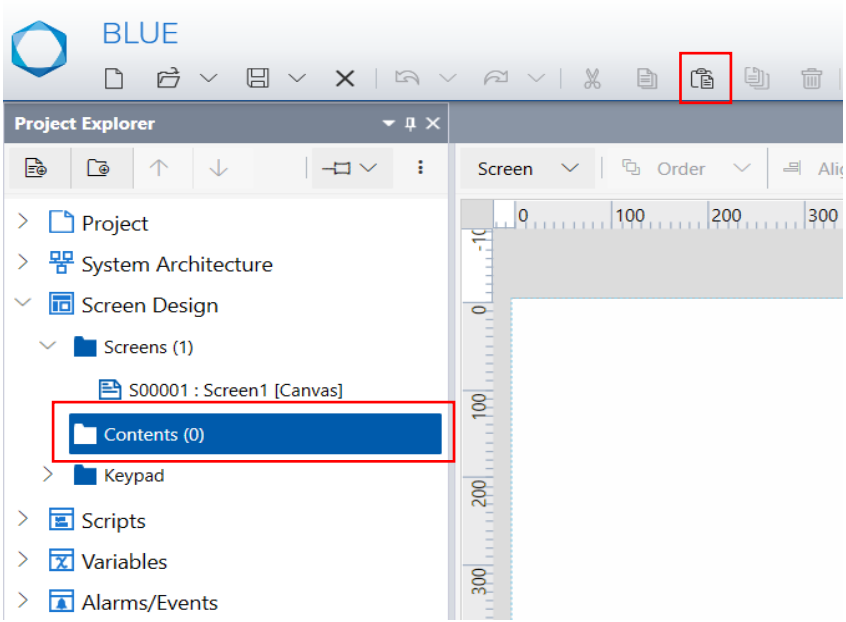


2. Open the downloaded project file.

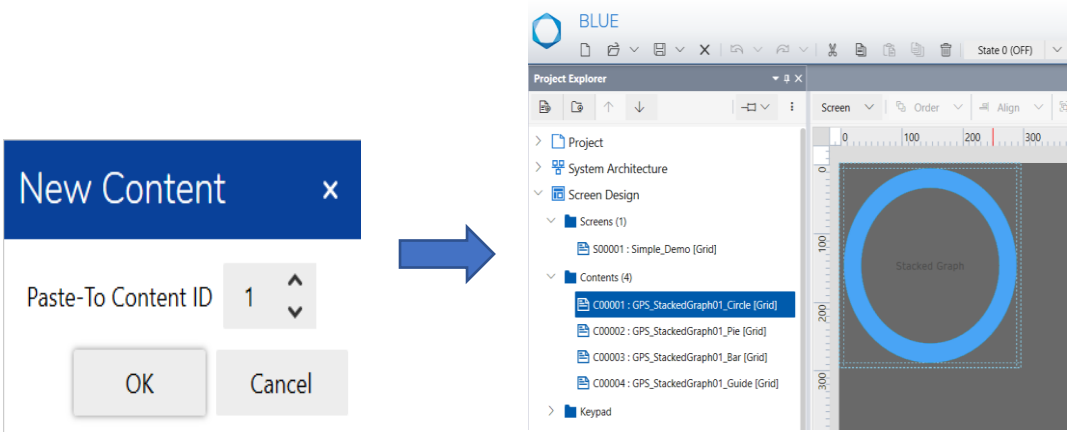
   Click the desired Content from “Contents” and copy the content using  copy icon in global Toolbar.



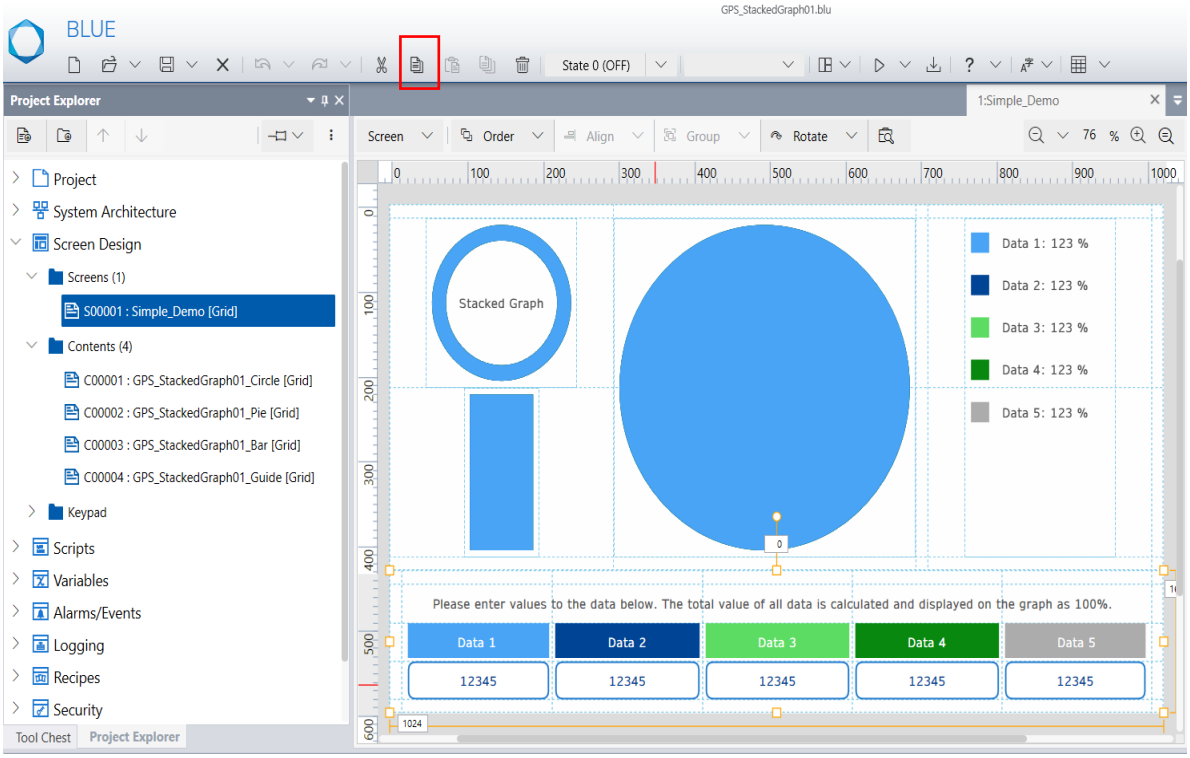
3. Open your project file.
   Click “Contents” and then click on the paste icon from the global Toolbar.



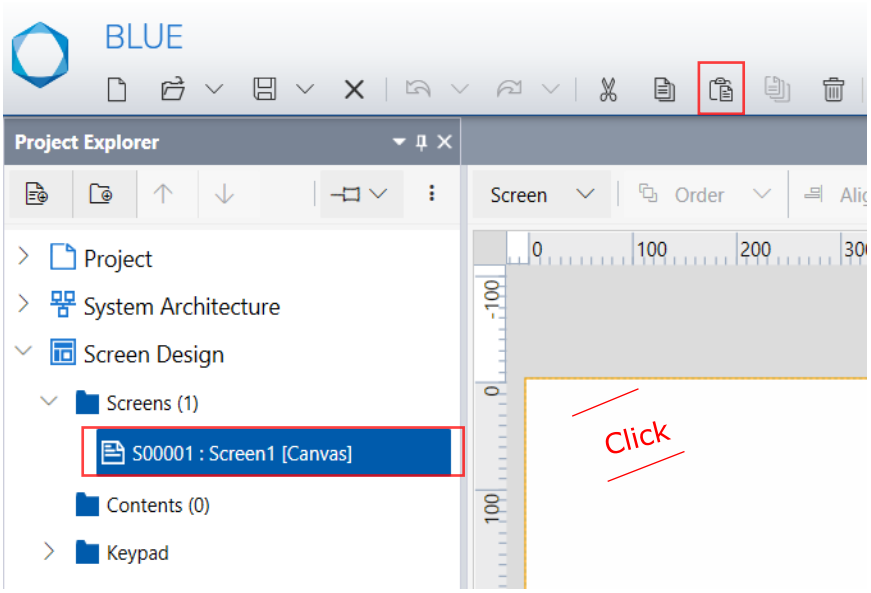
4. Select desired content ID and click “OK”.
   Result: Copied content is successfully pasted in your project.



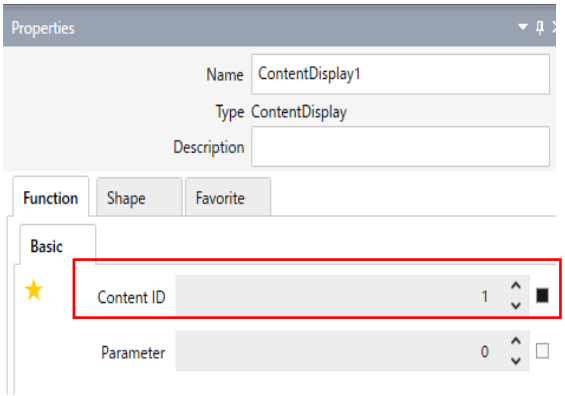
5. Open the downloaded project file and select the Simple_Demo Screen and click on Copy.



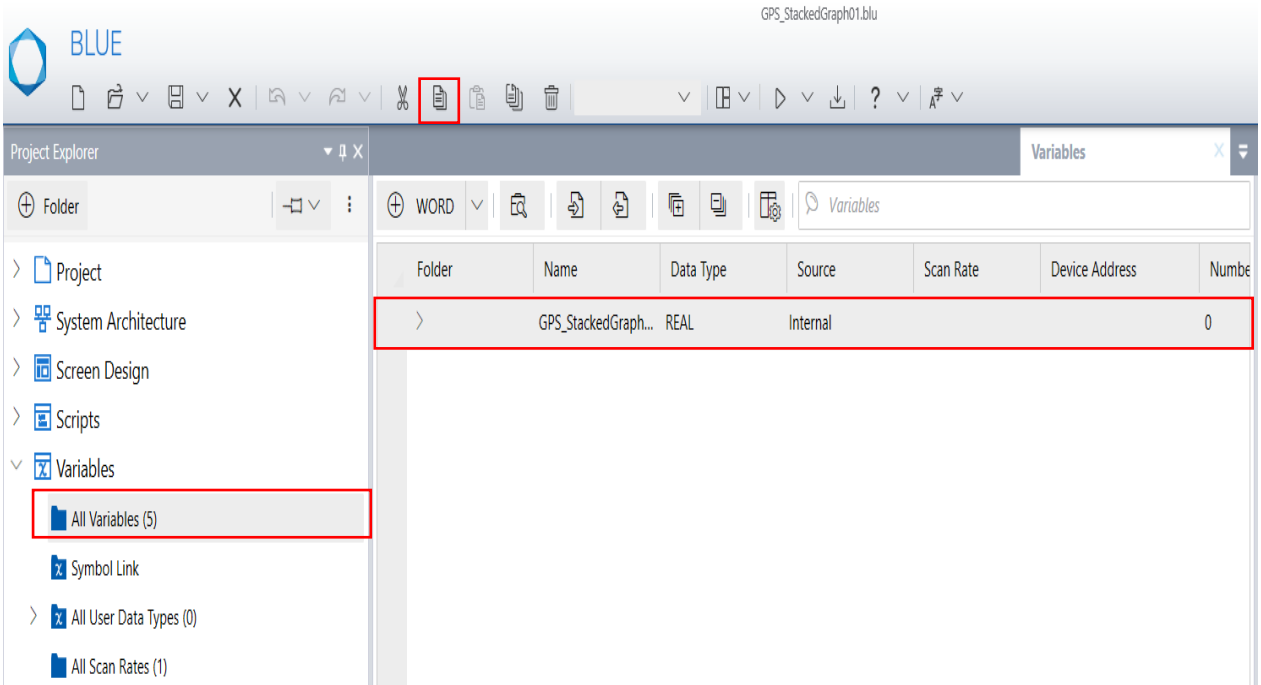
6. Open your project file, Select the screen that you want to paste it.
Click on the screen area and then paste it using the paste icon from the global Toolbar.



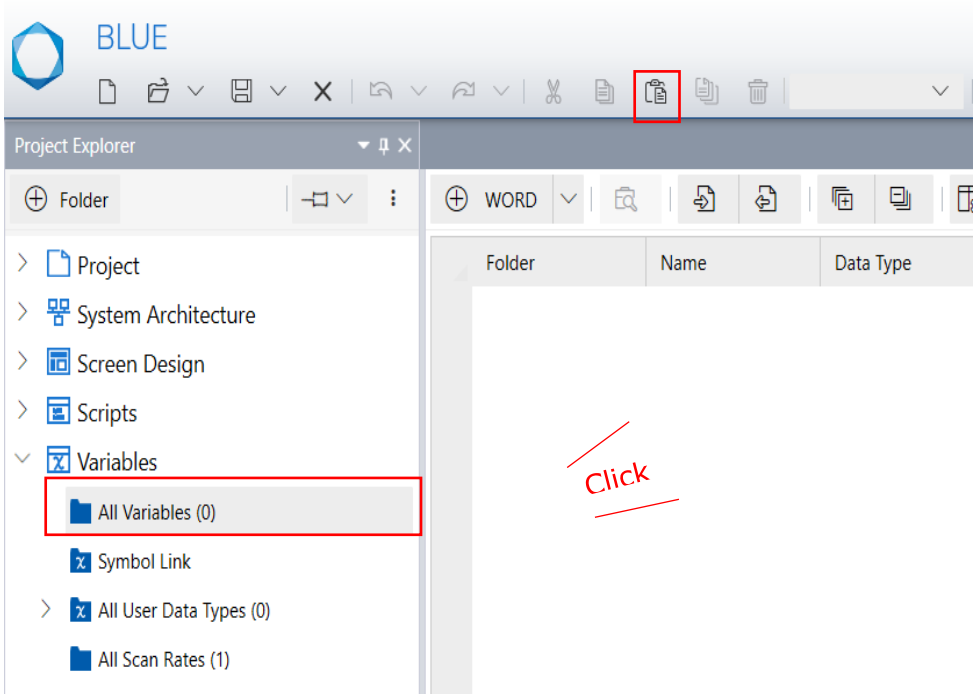
7. Select Screen and Click on “Content Display” from “Object list”.
In “Properties” tab, Change the Content ID to Pasted Contents ID.



8. Open the downloaded project file and select “All variables”. Select the displayed variables and click the copy icon from global Toolbar.



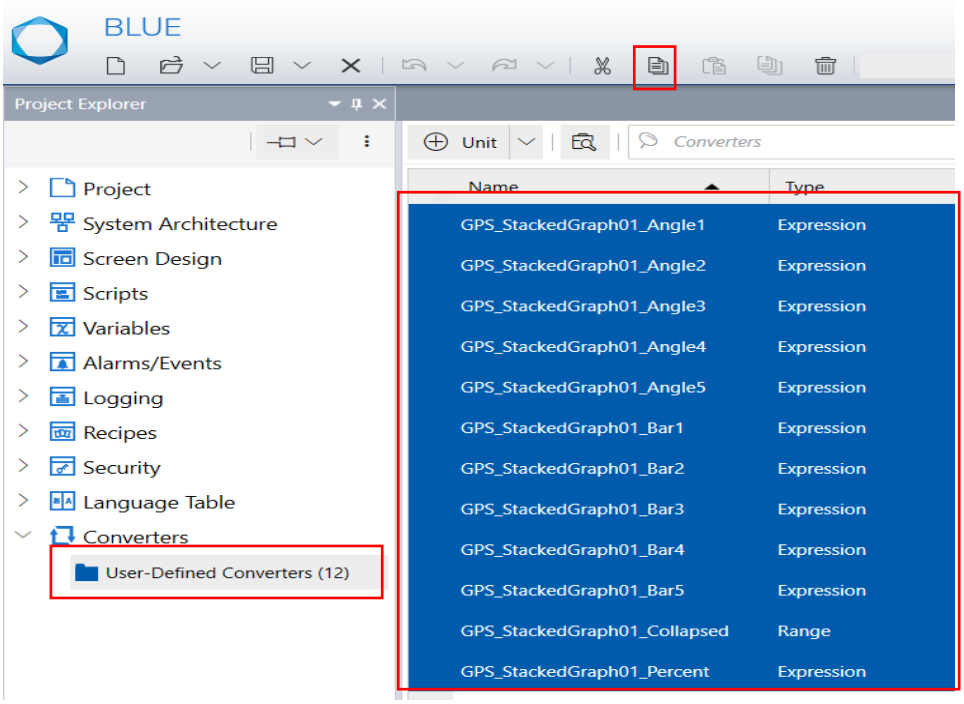
9. Open your project file and select “All Variables”.
   Click an existing variable or a blank Variable and click paste icon in global toolbar.



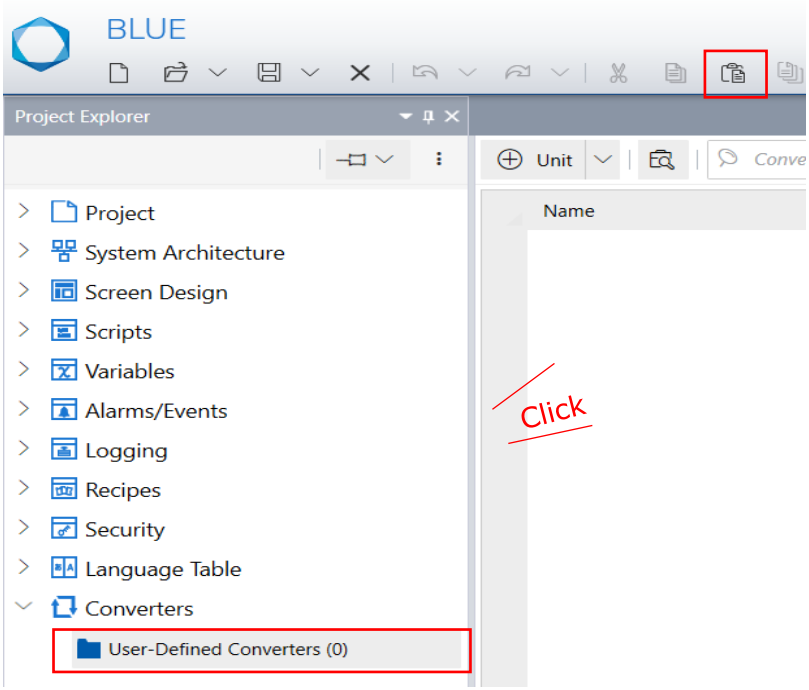
The copied variable is pasted in your project.

Note: You can also create your own variables to vary the Stacked Graph value. For more details refer [How to change Stacked Graph variable]

10. Open the downloaded project file, select “User-Defined Converters”. Select the displayed converter and click the copy icon from the global Toolbar.

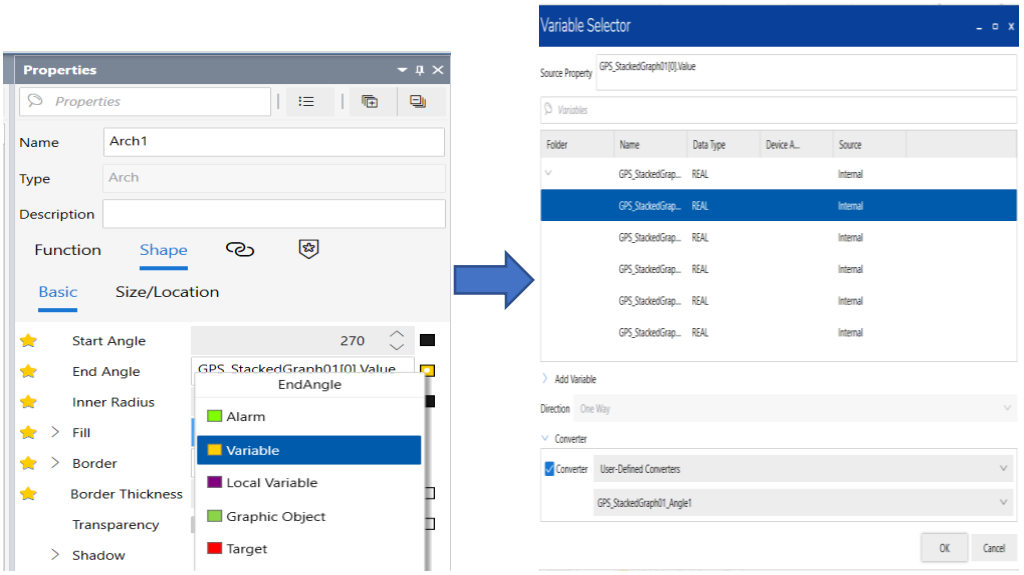


11. Open your project file, select “User-Defined Converters”. Click on the Converter screen and click paste icon from the global Toolbar.

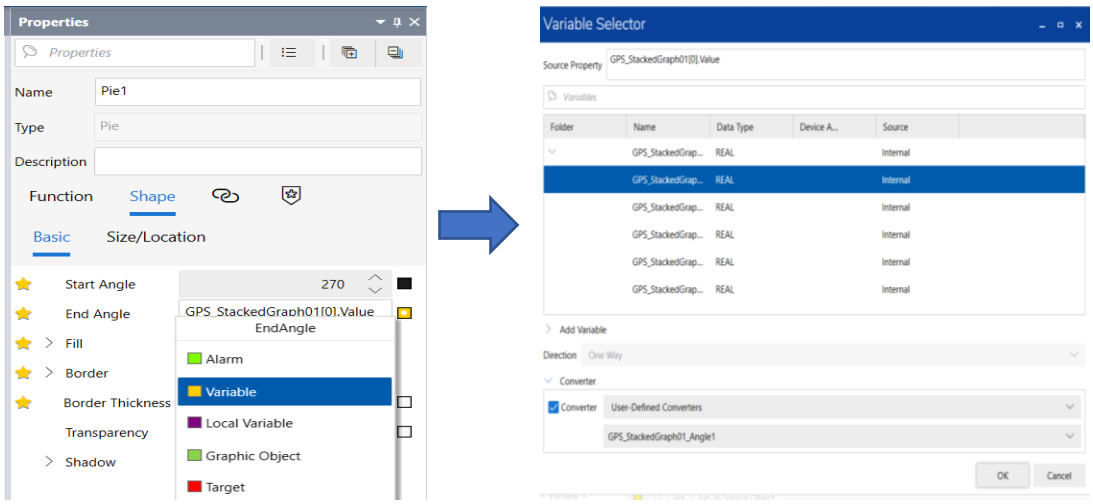


How to change Stacked Graph variable

1. Open your project, in the content GPS_StackedGraph01_Circle, click on object list and select **Arch 1**.
2. In Properties tab, Select **Shape** > **Basic** > **End Angle** and bind the desired variable from variable selector.

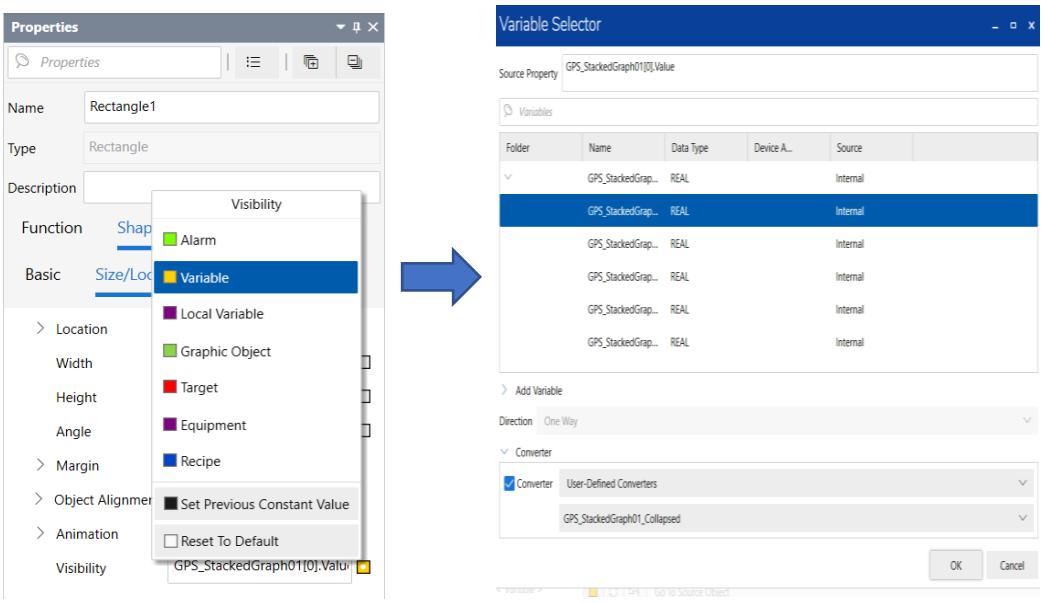


3. Open your project, in the content GPS_StackedGraph01_Pie, click on object list and select **Pie 1**.
4. In Properties tab, Select **Shape** > **Basic** > **End Angle** and bind the desired variable from variable selector.



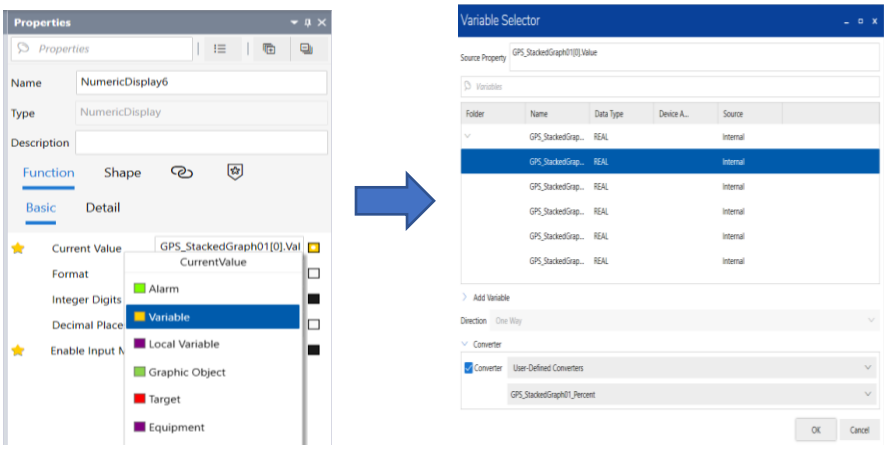
5. Open your project, in the content GPS_StackedGraph01_Bar, click on object list and select **Rectangle 1**

6. In Properties tab, Select **Shape** > **Size location** > **Visibility** and bind the desired variable from variable selector.



7. Repeat the Above 5 & 6 Steps for remaining rectangles in Object list.

8. Open your project and Select Content GPS_StackedGraph01_Guide.
9. Select NumericDisplay6, in Properties tab select **Function** > **Basic** > **Current Value** and select the same variable as above from variable selector.

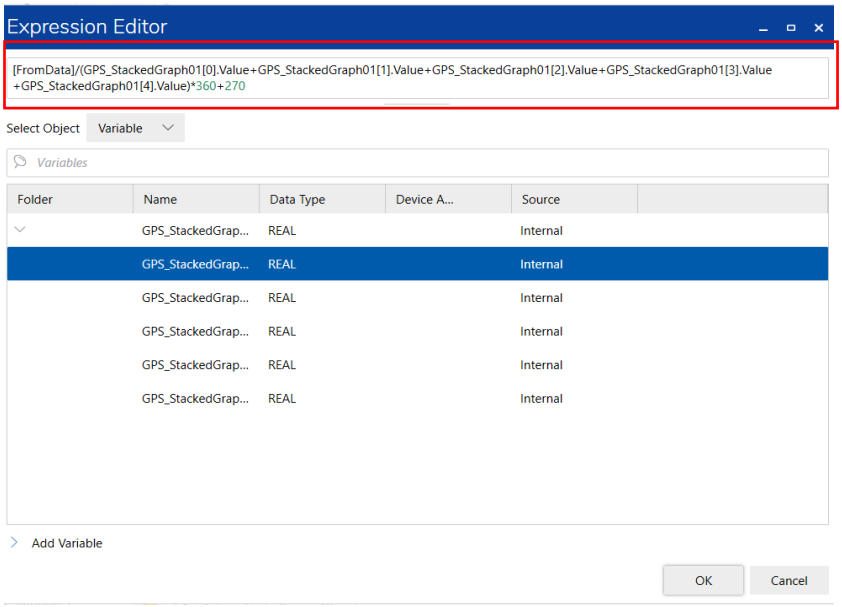


10. Repeat the Above 8 & 9 for remaining Numeric Display.

11. Repeat the above Step for all Numeric Displays.

12. In Properties, Click ... to open Expression Editor

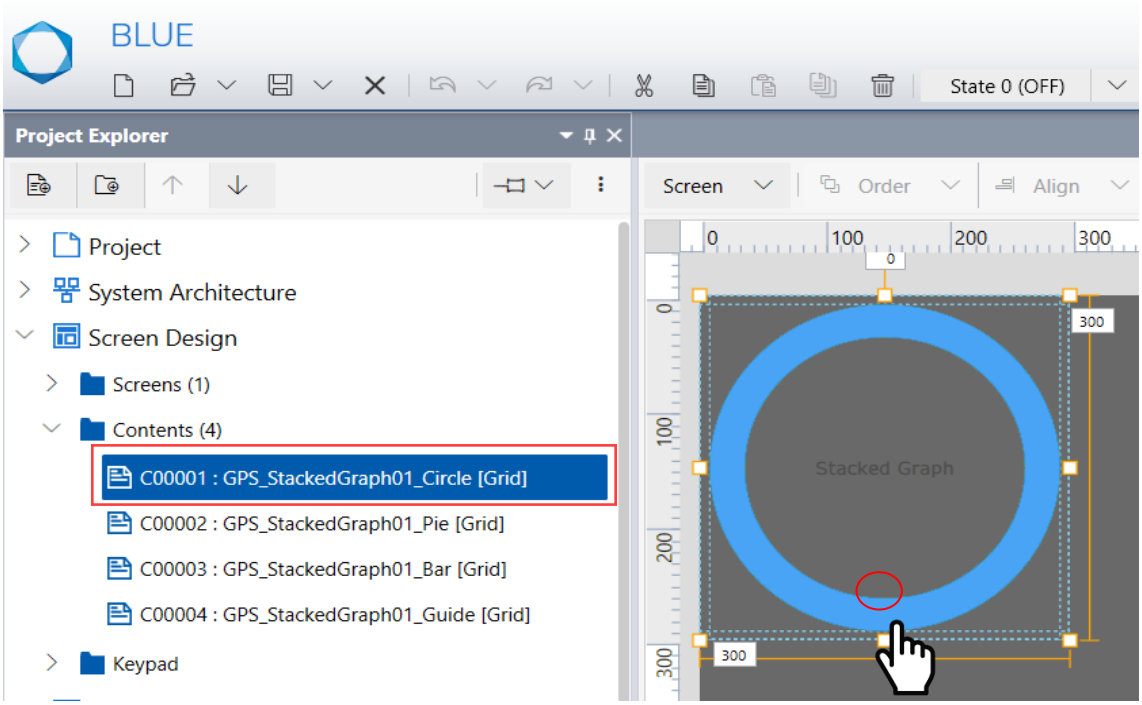
13. In Expression Editor, select the variable used and its expression and click ok.



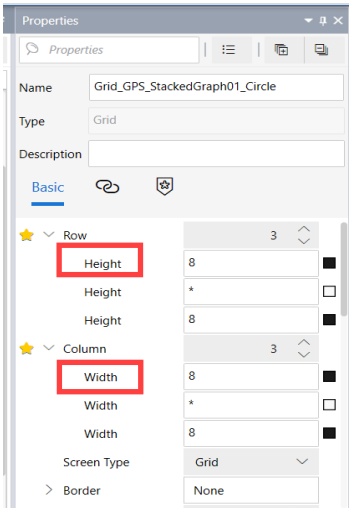
14. Repeat the above Steps for remaining Expression in User Defined Converters

How to Resize Grid Parts

1. Open your project, click the desired content. Click any part of Grid and then select properties tab.



2. In Properties tab, change the Row Height and Column Width of the Grid.



Note: Set same value of width and height to maintain the shape.

3. Repeat the above step for remaining Contents Grid Objects.