

Programmable Terminal NA-series

Practices Guide Page Editing - Tab Control

NA5-15□101□

NA5-12□101□

NA5-9□001□

NA5-7□001□

Practices

Guide



■ Introduction

This guide provides reference information on editing pages of the NA. It does not provide safety information.

Be sure to obtain the NA-series Programmable Terminal User's Manuals, read and understand the safety points and other information required for use, and test sufficiently before actually using the equipment.

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Related Manuals

The following manuals are related to this manual.

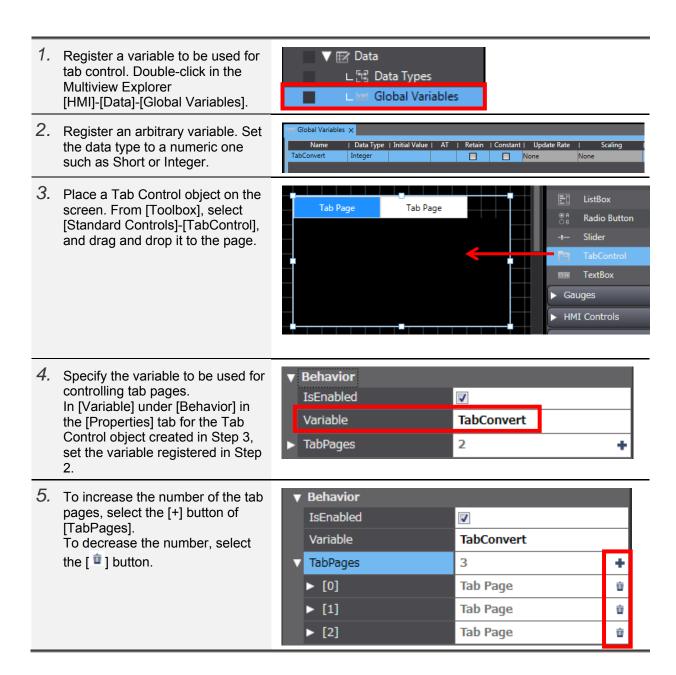
Cat.No.	Model	Manual Name
W504	SYSMAC-SE2	Sysmac Studio Version 1 Operation Manual
V117	NA5-15W0000 NA5-12W0000 NA5-9W0000 NA5-7W0000	NA-series Programmable Terminal Hardware User's Manual
V118	NA5-15W0000 NA5-12W0000 NA5-9W0000 NA5-7W0000	NA-series Programmable Terminal Software User's Manual
V119	NA5-15W0000 NA5-12W0000 NA5-9W0000 NA5-7W0000	NA-series Programmable Terminal Device Connection User's Manual
V120	NA5-15W0000 NA5-12W0000 NA5-9W0000 NA5-7W0000	NA-series Programmable Terminal Startup Guide

1 Tab Control

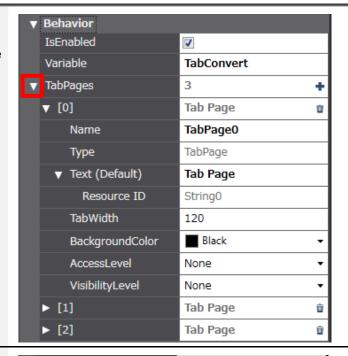
1-1 Tab Control Basic Settings

You can create a smaller tab page inside the main screen, and switch the tab pages with the tabs. This function is equivalent to the frames defined in the NS series.

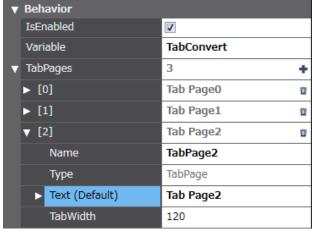
1-1-1 Setting the Properties of a Tab Control Object



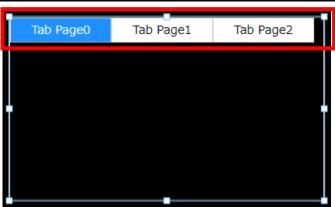
 Clicking the arrowhead to the left of [TabPages] expands the menu in which you can specify the tab name or background color for each tab page.



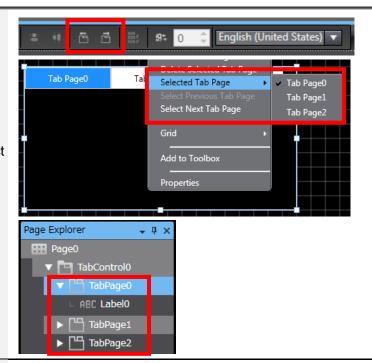
7. You can edit the cell of [Text(Default)] to change the text shown on the tab. In this guide change the tabs starting with Page0 to "Tab Page0", "Tab Page1", and "Tab Page2" in this order.



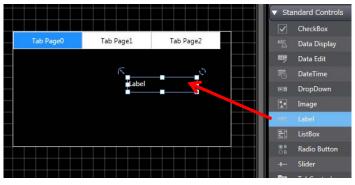
8. The contents of editing performed in Steps 4 to 7 are now reflected to the Tab Control object.



- There are three ways to switch the tab pages within the tool, as described below.
 - (1) While keeping the Tab Control object selected, click the or buttons on the toolbar.
 - (2) While keeping the Tab Control object selected, right-click on it and select "Selected Tab Page" to select an arbitrary tab page. Otherwise, select "Select Previous Tab Page" or "Select Next Tab Page" from the context menu.
 - (3) Select [View]-[Page Explorer] to display the Page Explorer, and select an arbitrary tab page or an object placed on the tab page.

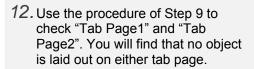


10. Place an object in the Tab Control object. Switch the tab to "TabPage0" following the procedure described in Step 9. From [Toolbox], select [Standard Controls]-[Label] and drag and drop it to the tab page of the Tab Control object. Specify arbitrarily the font type, size, and other parameters.
Besides dragging and dropping from [Toolbox], you can place an object that already exists on the page to the Tab Control object.



11. The object is now placed on the "TabPage0".









13. Place also an object on "Tab Page1" and "Tab Page2". Switch to the respective tab pages and lay out an object following the procedure of Step 10.

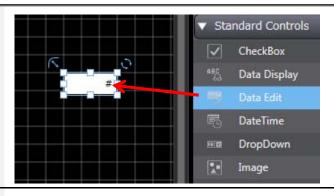




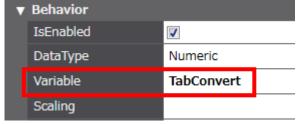
1-1-2 Checking Operations of the Tab Control Object

Check the operations of the Tab Control object created in the previous subsection.

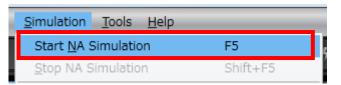
 Create a Data Edit object for checking the operations. From [Toolbox], select [Standard Controls]-[Data Edit] and drag and drop it to the page. Specify arbitrarily the font type and size.



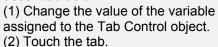
In [Variable] in the [Properties] tab
for the Data Edit object created in
Step 1, set the variable registered in
Step 2 of Subsection 1-1-1 "Setting
the Properties of a Tab Control
Object".



 Use the simulation function to check the operations. From the menu bar, select [Simulation]-[Start NA Simulation].



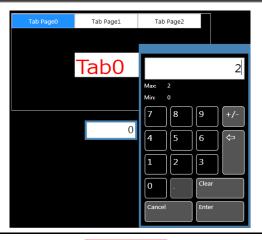
 On the actual unit, there are two ways to switch the tabs as described below.





5. Check the operation of switching the tab by changing the value of the variable assigned to the Tab Control object.

Touch the Data Edit object created in Steps 1 and 2 and enter "2".



 As the value of the variable is changed, the tab is now switched to "Tab Page2".
 Next, check the operation of switching the tab by touching it.

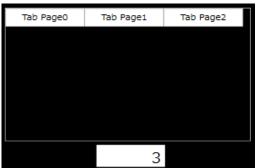
Touch "Tab Page1".



7. As the tab is switched to "Tab Page1", the value of the variable is also changed.



8. When you switch the tabs using the variable, if you enter a value outside the specified range, no tab page will be displayed. Make sure to specify the upper and lower limits for the Data Edit object to avoid entry of any value outside the range.



1-1-3 Events and Actions for Tab Control Objects

For Tab Control Objects, you can select the event of "SelectionChanged" that allows you to set various actions which are taken upon switching the tabs. Following is the example of use of "SelectionChanged".

1. In this example, you are to use Name | Data Type | Initial Value | AT | Retain | Constant | Update Rate | "SelectionChanged" to create an action of recording the number of times of switching tab pages by incrementing the value of a variable upon switching the tab pages. Register an Integer-type variable in [Global Variables]. 2. Set "SelectionChanged" as [Events] Events < Select Event to Add > of the [Events and Actions] tab for SelectionChanged the Tab Control object. 3. To increment the value of the Events < Select Event to A variable upon activation of the ▼ [0] SelectionChanged event, perform the following settings. Actions < Select Action to A [Actions]: "IncreaseVariable" ▼ [0] IncreaseVariable [Variable]: Variable added in Step 1 [Value]: "1" Variable ConvertVal Value 4. Create an object for checking the **▼** Behavior operations. Place a Data Edit object IsEnabled on the page and enter in [Variable] Numeric DataType the variable specified in Step 3. Variable ConvertVal 5. Use the simulation function to check Simulation Tools Help the operations. From the menu bar, Start NA Simulation F5 select [Simulation]-[Start NA Simulation]. 6. Immediately after the startup of the Tab Page1 simulator, the Data Edit object created in Step 4 indicates "0". Tab0 Touch "Tab Page2" to switch the tab. 7. As the tab is switched, "1" is added Tab Page1 to the number of times of switching tabs. Tab2

Revision History

Revision code	Date	Revised content
01	December 2015	Original production

Note: Do not use this document to operate the Unit.

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