Device setting through tag function

1. Summary

XP-Builder offers some of tag functions. Once the tag has been registered, it is easy to register a device (bit/word) from the object. And when you need to change a device, just change an address in the tag. Then it will make a change all together on objects where the tag was applied. Moreover it supports 'Import' function where tags can be made in Excel and import to XP-Builder for use. It is recommended to use a tag function if there are many objects.

For your understanding, execute the sample data called 'device setting through tag function. xpd' from XP-Builder.

2. Making screen data

(1) Register a tag.

(a) Either select 'Open' or double-click your mouse.

Enter descriptions
If detailed explanation is needed about the tag. (Not required)

Create a tag name.
Ex) Electric Supply Switch

Choose a device type
(bit or word)

Enter device address.

No	Name	Device Type	Address	Description
1	TEST_BIT_TAG_1	BIT	HX00000	TEST_BIT_TAG_1ST
2	TEST_BIT_TA	BIT	HX00001	TEST_BIT_TAG_2ST
3	TEST_BIT_TAG	BIT	HX00002	TEST_BIT_TAG_3ST
4				BIT_TAG_4ST
5				BIT_TAG_5ST
6				BIT_TAG_6ST
7				BIT_TAG_7ST
8				BIT_TAG_8ST
9	TEST_BIT_TAG_9	BIT	HX00008	TEST_BIT_TAG_9ST
10	TEST_BIT_TAG_10	BIT	HX00009	TEST_BIT_TAG_10ST
11	TEST_BIT_TAG_11	BIT	HX0000A	TEST_BIT_TAG_11ST
12	TEST_BIT_TAG_12	BIT	HX0000B	TEST_BIT_TAG_12ST
13	TEST_BIT_TAG_13	BIT	HX0000C	TEST_BIT_TAG_13ST
14	TEST_BIT_TAG_14	BIT	HX0000D	TEST_BIT_TAG_14ST
15	TEST_BIT_TAG_15	BIT	HX0000E	TEST_BIT_TAG_15ST
16	TEST_BIT_TAG_16	BIT	HX0000F	TEST_BIT_TAG_16ST
17	TEST_BIT_TAG_17	BIT	HX00010	TEST_BIT_TAG_17ST
18	TEST_BIT_TAG_18	BIT	HX00011	TEST_BIT_TAG_18ST
19	TEST_BIT_TAG_19	BIT	HX00012	TEST_BIT_TAG_19ST
20	TEST_BIT_TAG_20	BIT	HX00013	TEST_BIT_TAG_20ST
21	TEST_WORD_TAG_1	WORD	HW0000	TEST_WORD_TAG_1ST
22	TEST_WORD_TAG_2	WORD	HW0001	TEST_WORD_TAG_2ST
23	TEST_WORD_TAG_3	WORD	HW0002	TEST_WORD_TAG_3ST

STOP!
Tag modification is similar to Excel. Cell can be copied after the selection by a mouse or modifications done in Excel can be copied and pasted into tag modification area.

(2) Offers import/export functions. It is also printed in Excel *.CSV form. This file can be used to modify tags or with other XP-Builder projects.

(3) Once tag registration is finished, apply them to objects.

(4) When tag was selected from object, below screen will be displayed.

(5) Selecting this icon from the list will display tag names on objects.

3. Verify through simulations

Select this icon from this XP-Builder's toolbar.
If there were errors in data screen, the following message will be displayed

In case of no error, the simulator will be operated.

By using the same tag on bit switches and lamps, when a bit switch is pressed, the specific bit lamp will be turned on.
Additionally numeric input values will increase when word switch is pressed.

4. User tip!

☞ Setting for object ID size

Object ID size can be adjusted. The procedures are shown as below.

From this option window, ID text color and background color can be changed.