

16. Address Tag Library

This chapter explains how to build and use Address Tag Library.

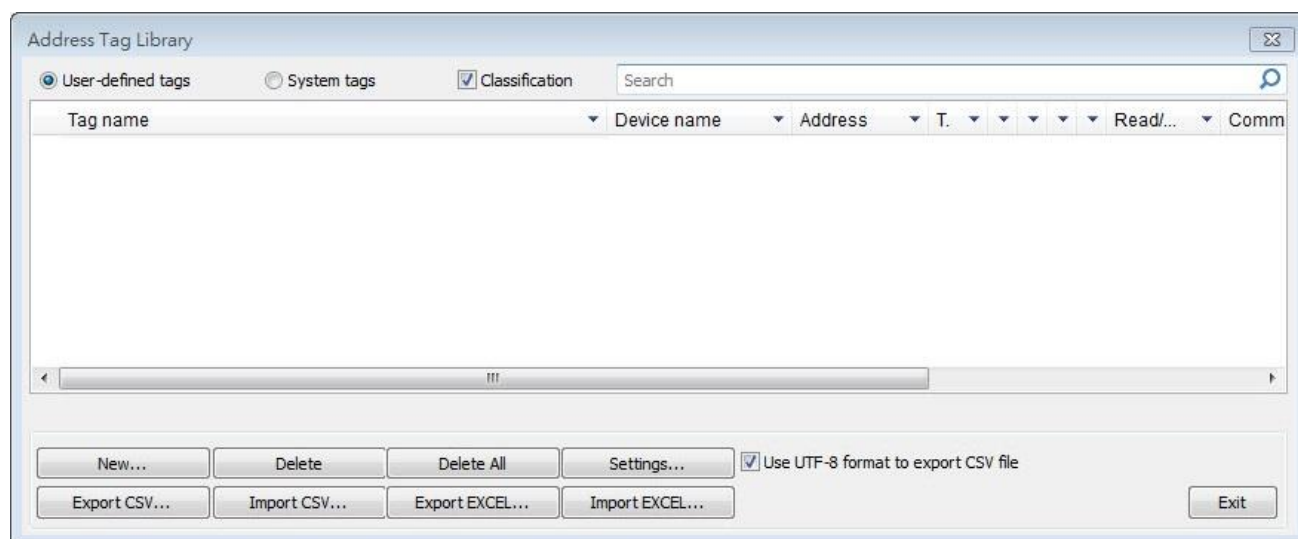
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16.1. Overview

Generally it is recommended to define the commonly used addresses in Address Tag Library when starting to build a project. It not only avoids accidental reuse of addresses but also improves project readability.

16.2. Building Address Tag Library

Click [Library] » [Address] on the toolbar and the [Address Tag Library] dialog box appears.



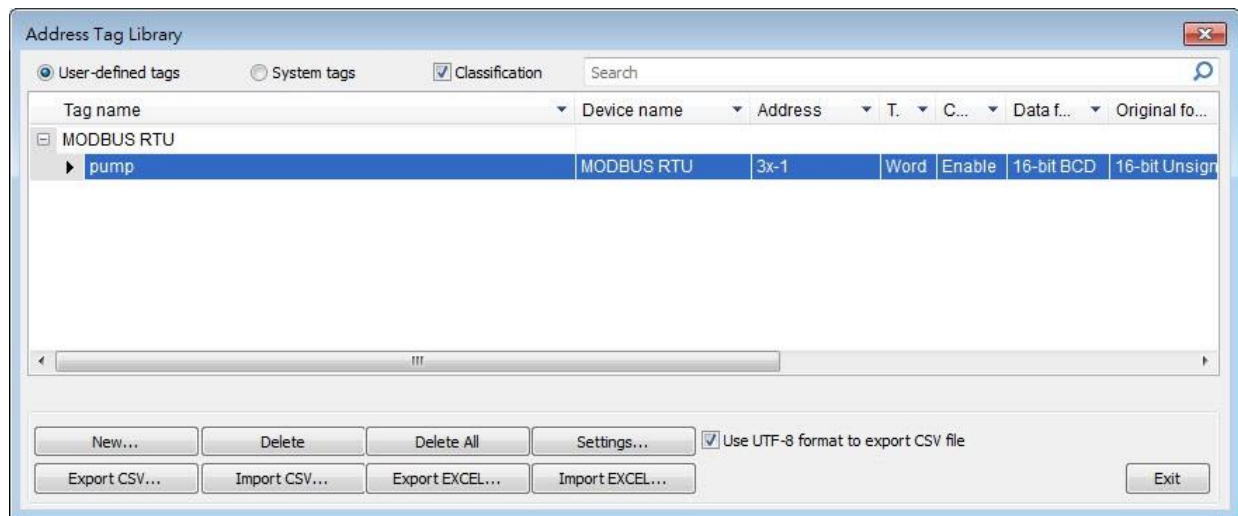
Setting	Description
User-defined tags	Displays user-defined address tags.
System tags	Displays system registers. The registers listed cannot be deleted or changed.
Classification	With this checkbox selected, the system tags can be classified into categories according to their function. Users may customize classification by editing the system_tag.xml file, found under EasyBuilder Pro installation directory.
Search	A key word may be entered in the provided field to search for a specific tag.
New	Adds a new address tag. Please see the steps next page.
Settings	Sets the selected address tag.
Delete All	Deletes all existing address tags.

Delete	Deletes the selected address tag.
Export CSV	Saves all current address tags as .csv file.
Import CSV	Loads the existing .csv file of address tag to the current project.
Export EXCEL	Saves all current address tags as .xls file.
Import EXCEL	Loads the existing .xls file of address tag to the current project.
Use UTF-8 format to export CSV file	If selected, the .csv file will be exported in UTF-8 format. If not selected, in ANSI format.

1. Click [New] and set the relevant properties.

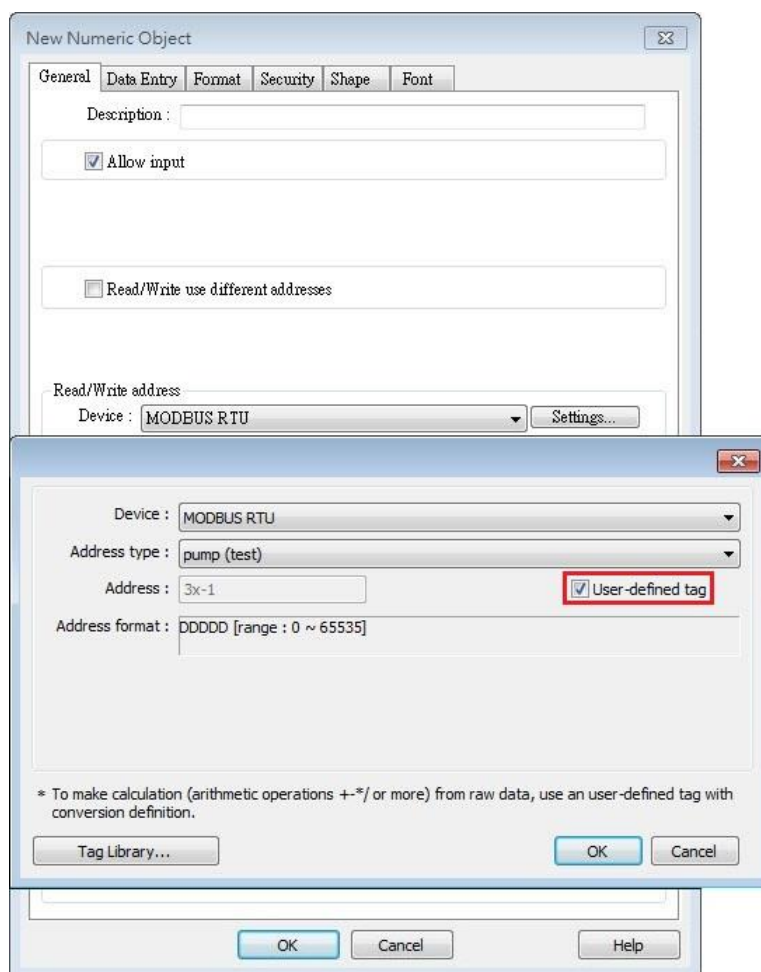
Setting	Description
Comment	The information of the address tag.
Name	The name of the address tag.
Device	As defined in [System Parameter Settings] » [Device list].
Address mode	The tag address type; select [Bit] or [Word].
Address type	The available address types depend on [Device] and [Address mode].
Address	Address of the tag.
Address format	If select [Word] in [Address type], the data format can be specified.
Conversion/Calculation (Use macro subroutine)	When enabled, the data format that the address tag will be converted into can be specified. Macro subroutines can be selected to do read/write conversion.
Read / Write conversion	Select the macro subroutine to do read/write conversion. The macro subroutine can only be selected when the data format is identical to the one in the macro subroutine.

2. Click [OK], a newly added tag can be found in the [User-defined tags] library.

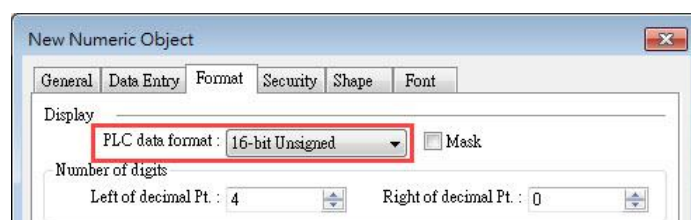


16.3. Using Address Tag Library

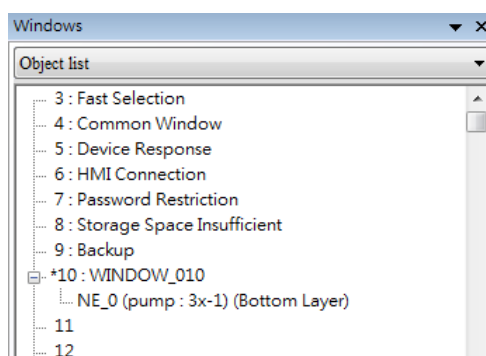
1. Create a tag in Address Tag Library.
2. Create an object, select [General] » [Device].
3. Click [Settings] to finish the settings.
4. Select [User-defined tag] check box.



5. In [Address type] select the defined tag.
6. If the data type is selected when creating the address tag, the system automatically restricts the data format to the one selected.

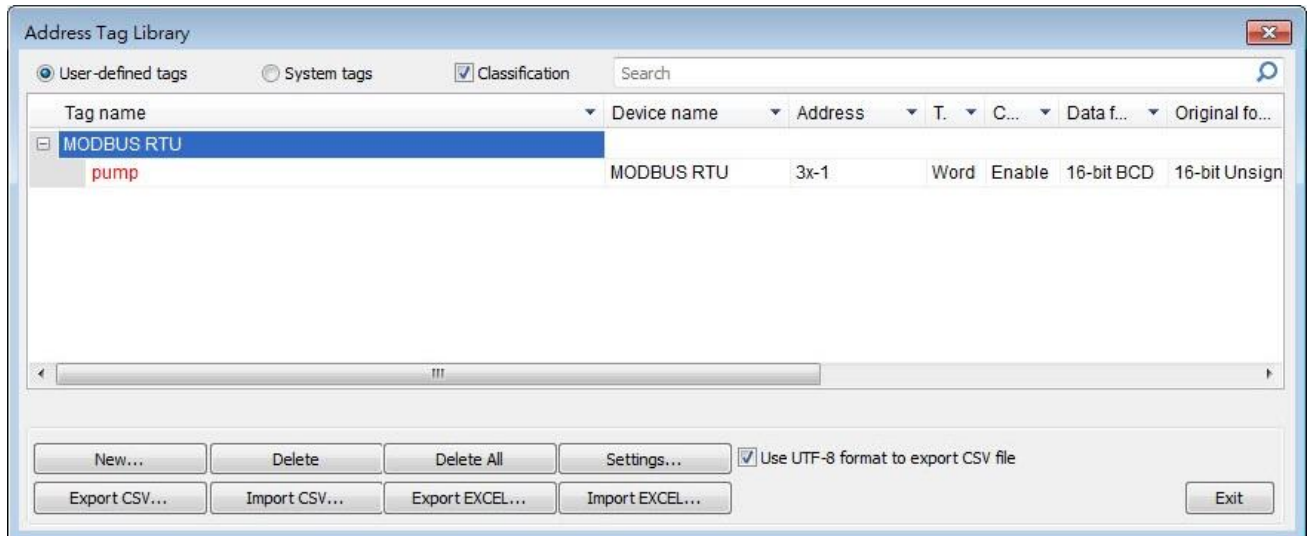


7. When finished, the window tree will show the address tag name used by the object.



 **Note**

- The name of the used tags will be written in red font in Address Tag Library.



- ↓ Click the icon to download the demo project. Please confirm your internet connection before downloading the demo project.