Chapter 18   Address Tag Library
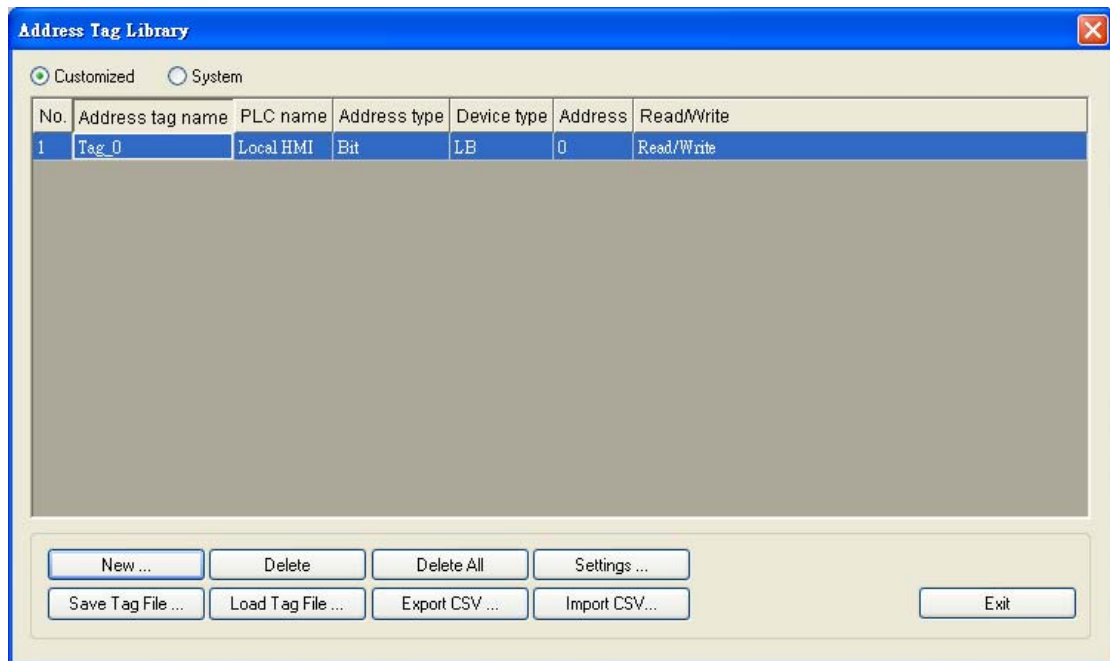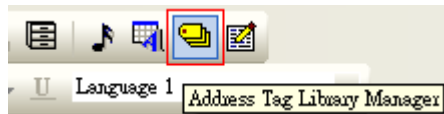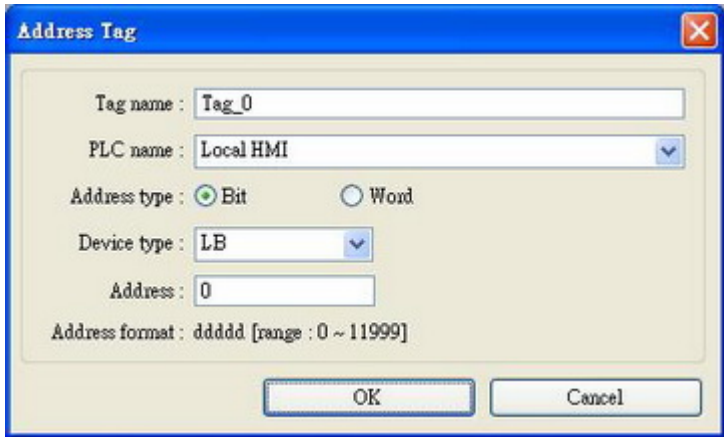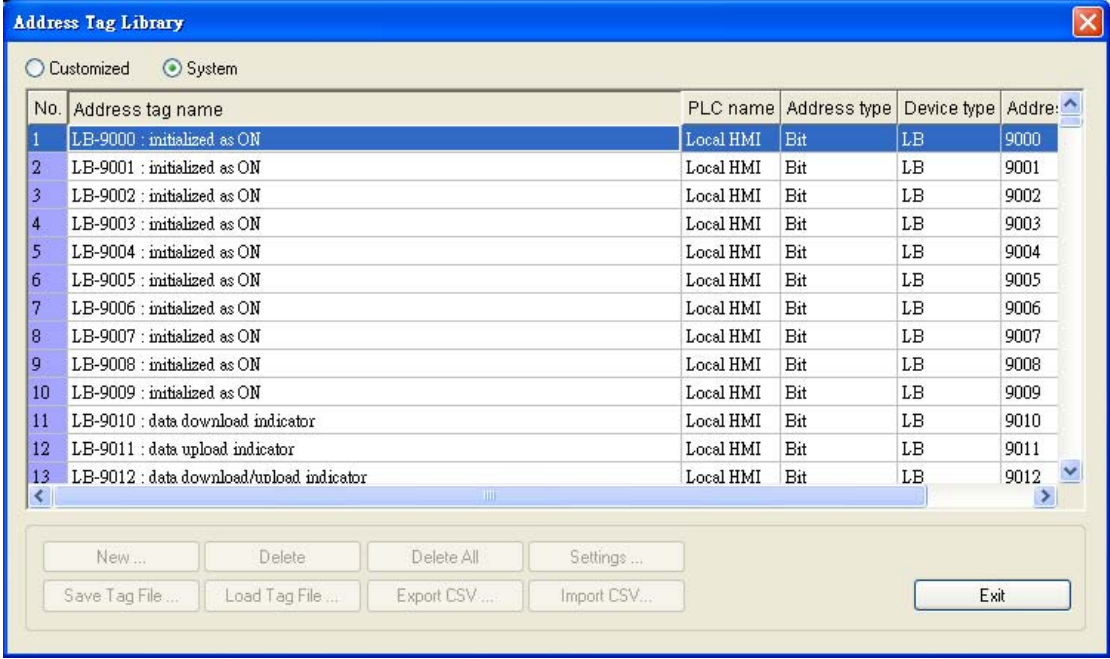
1.   Introduction of Address Tag Library

Normally, at the beginning of designing a project, the common address is defined in the Address Tag Library. It is not only to save user repeating the address input but also to enhance the utility of object related information. Click the "Address Tag Library" button on the toolbar to call up the "Address Tag Library" dialogue box. See the pictures below.

Customized	Display the address tags defined by user
System	Display the system register address tags
New …	Add a new address tag

Delete	Delete the highlight address tag
Delete All	Delete all of current address tags
Settings …	To setting the highlight address tag
Save Tag File…	Save all of current address tags as .tgl file
Load Tag File…	Load existing .tgl file to address tag library
Export CSV…	Export the current address tag library with CSV format
Import CSV…	Import an address tag library with CSV format to the current project

The picture below shows Address Tag which is the system register tags.

2. Add Address Tag to Library

Before using the Address Tag Library, user have to setting the content of the library. Click the [New…] button, and display the "Address Tag" dialogue box, as below
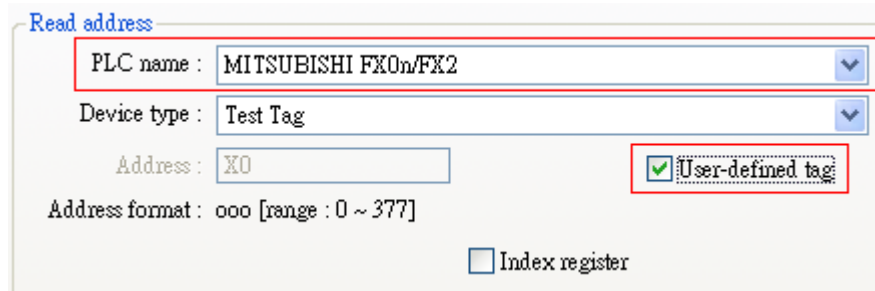

Tag name	The name of address tag
PLC name	The PLC's name; the PLC can be created from the Device table on System Parameter Settings
Address type	The type of "Bit" and "Word" can be select
Device type	The selection is related to [PLC name] and [Address type]
Address	The content of address. User can refer to the Address format for range

Click OK after the settings are completed, and a new tag will be found in the Customized library. See the picture below.
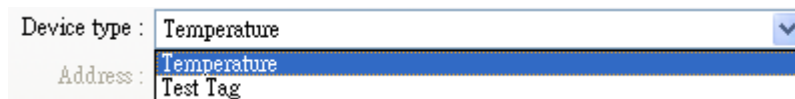
3. Using of the Address Tag Library

After creating the Address Tag Library, set up the connection PLC device which is related to the Customized Tag in the [General] tab of the "Object Properties", where the [User-defined tag] check box can be found and by selecting it, user can make use of these address tags. See the picture below.

Then, as shown in the picture below, there are some items in the [Device type] tab for selecting.

When the settings are completed, the object information will show the name of the Address Tag used for the object on window tree. See the picture below.