

## Demo Project for Option List with Source of Item Address

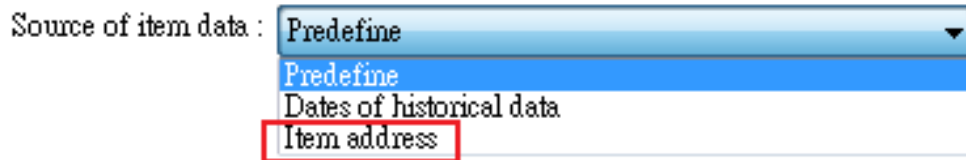
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## 1. Overview and Operation

### [Overview]

This Demo Project demonstrates the newly added [Source of item data] selection for Option List object: [Item address].



When selecting [Item address], users have to correctly set [Control address] and [Item address].

The image shows a configuration window with two sections: 'Control address' and 'Item address'.

**Control address section:**

- PLC name: Local HMI (dropdown menu)
- Address: LW (dropdown menu) and 100 (text input)
- Buttons: Setting...
- Text: [Address] : set 1 to update item data
- Text: [Address] + 1 : item count

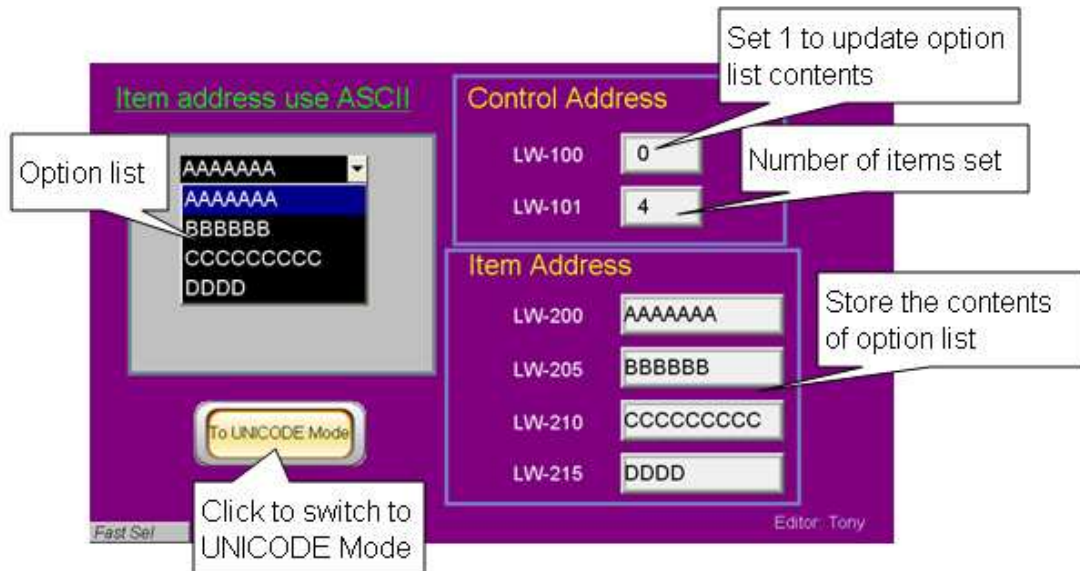
**Item address section:**

- Radio buttons: ☒ ASCII, ☐ UNICODE
- Text: The length of each item : 5 (text input) WORD(s)
- PLC name: Local HMI (dropdown menu)
- Address: LW (dropdown menu) and 200 (text input)
- Buttons: Setting...

[Operation]

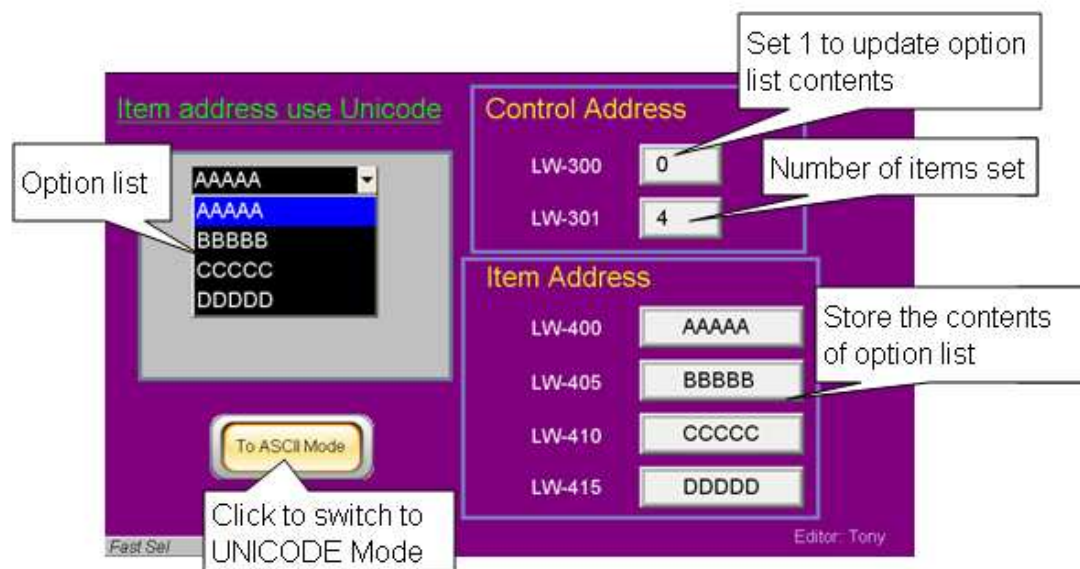
- Item address using ASCII

Input the text to be displayed in Option List in the field of [Item Address], and display them through setting [Control Address] as shown below.



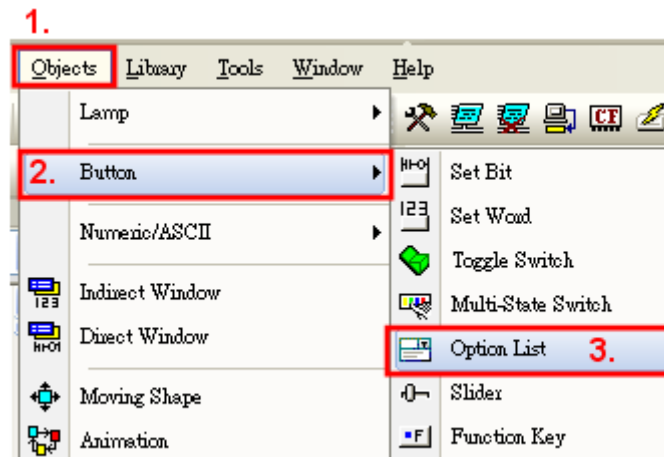
- Item address using UNICODE

The way of setting is same as in ASCII mode and is shown below.



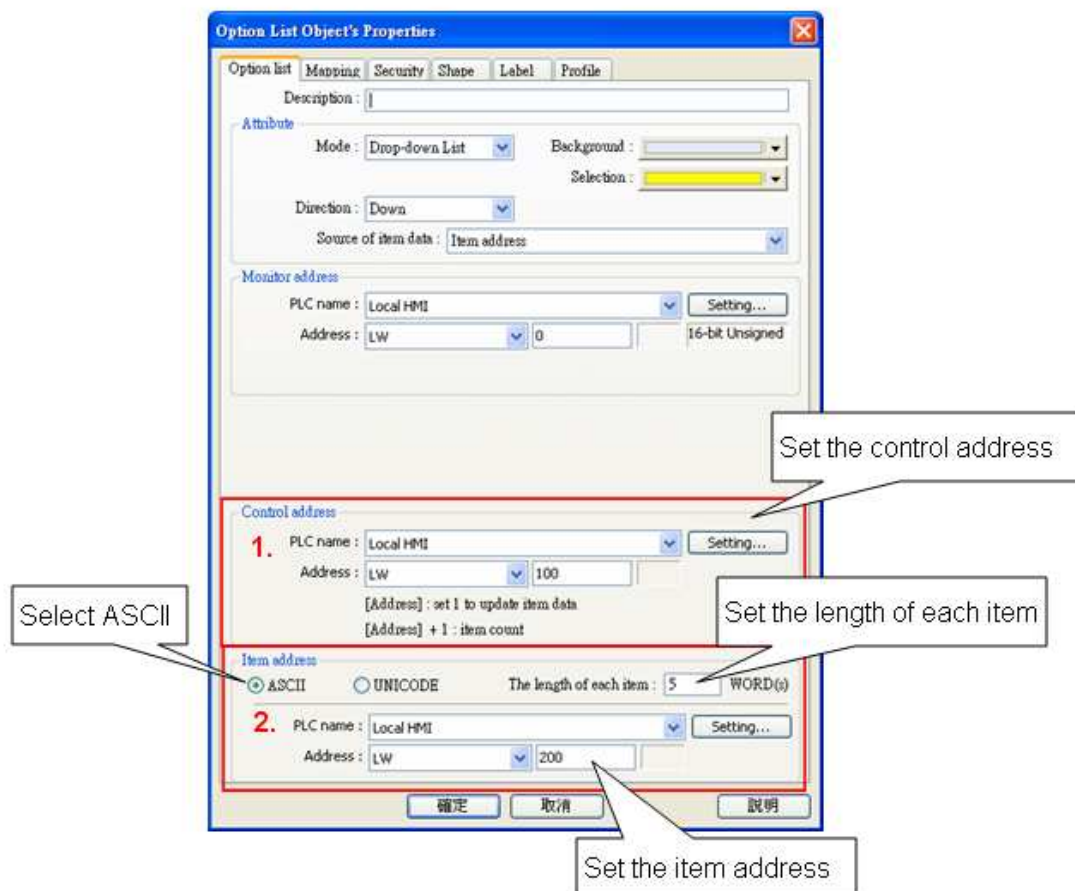
## 2. Setting Up the Screen

Create an Option List object.



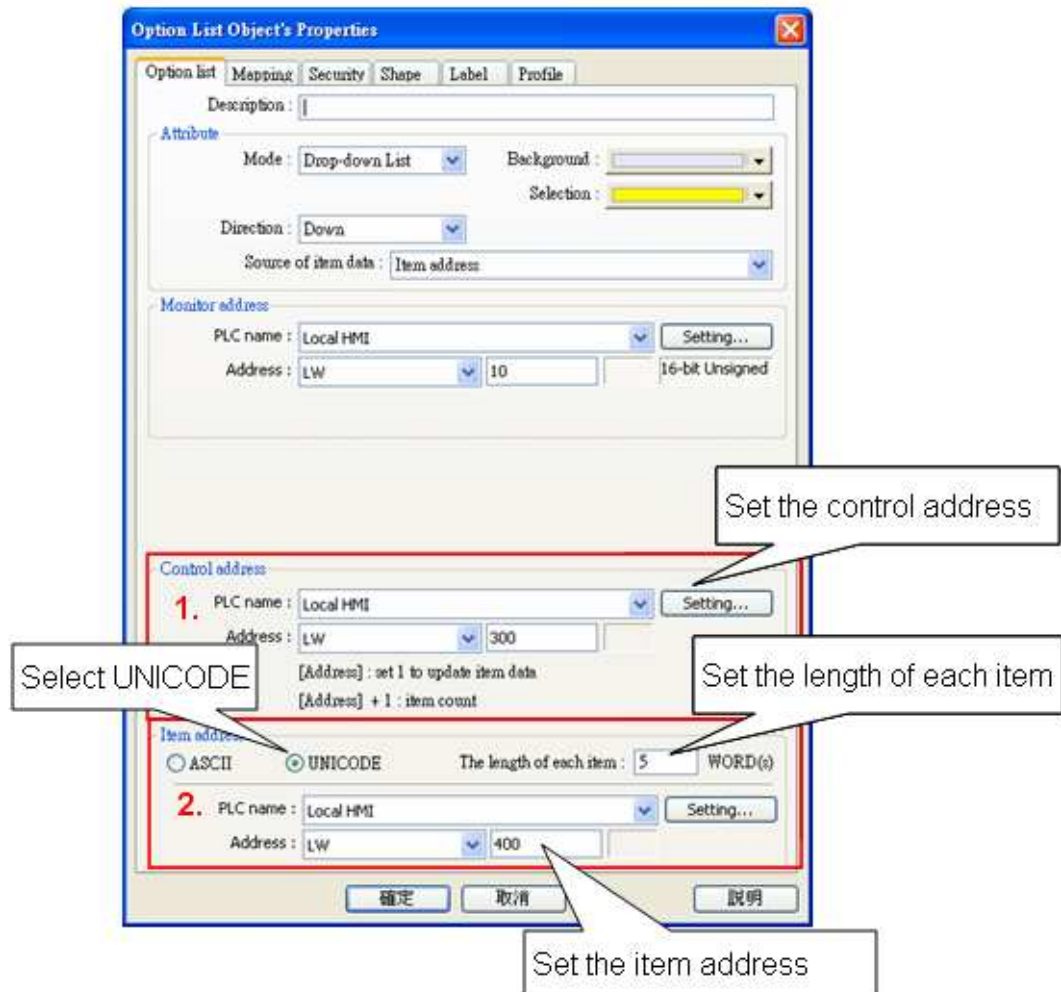
[Item address using ASCII]

Settings of Option List Object's Properties.



## [Item address using UNICODE]

## Settings of Option List Object's Properties



### 3. Addresses

The addresses are used in this demo project as the following table. Please change these addresses according to your system.

| Addresses |                  | Object ID | Detail                            |
|-----------|------------------|-----------|-----------------------------------|
| Window 10 |                  |           |                                   |
| Word      | LW100            | NE_0      | To update option list contents    |
|           | LW101            | NE_1      | Number of items set               |
|           | LW200~204        | AE_0      | Store the contents of option list |
|           | LW205~209        | AE_1      | Store the contents of option list |
|           | LW210~214        | AE_2      | Store the contents of option list |
|           | LW215~219        | AE_3      | Store the contents of option list |
|           | LW0,LW100,LW200  | OL_0      | Option list                       |
| Window 11 |                  |           |                                   |
| Word      | LW300            | NE_0      | To update option list contents    |
|           | LW301            | NE_1      | Number of items set               |
|           | LW400~404        | AE_0      | Store the contents of option list |
|           | LW405~409        | AE_1      | Store the contents of option list |
|           | LW410~414        | AE_2      | Store the contents of option list |
|           | LW415~419        | AE_3      | Store the contents of option list |
|           | LW10,LW300,LW400 | OL_0      | Option list                       |