Demo Project for Multi-Language

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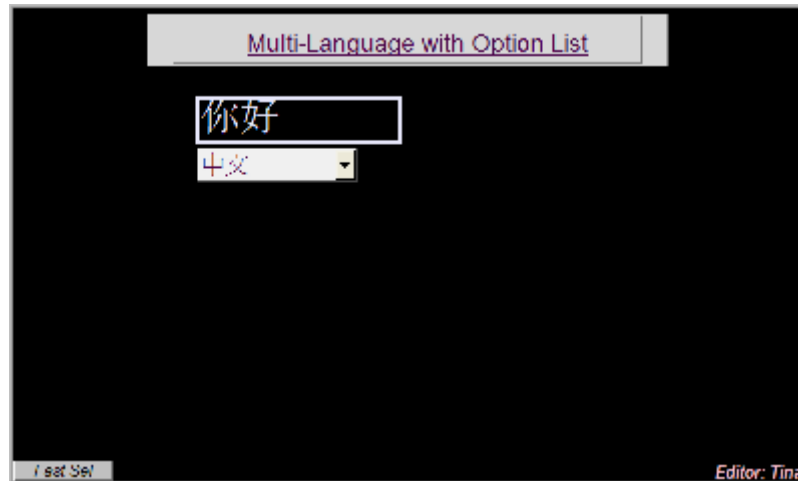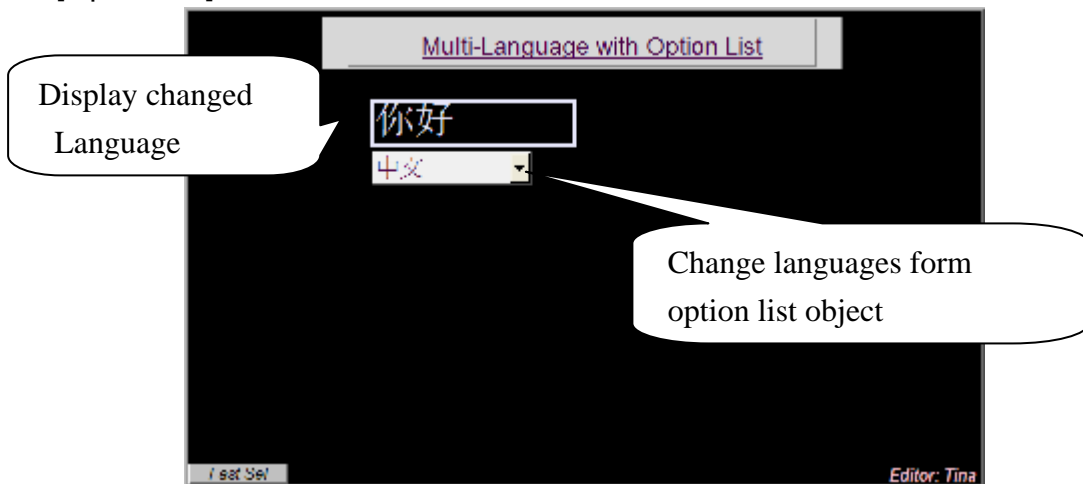
1. Overview and Operation

[Overview]

This demo project is for changing languages. It displays how to change 8 languages with option list object.

Label Library is used in the Multi-Language environment. Users can design the content of Label Library to meet the demands. Select the suitable label from Label Library when text is needed.
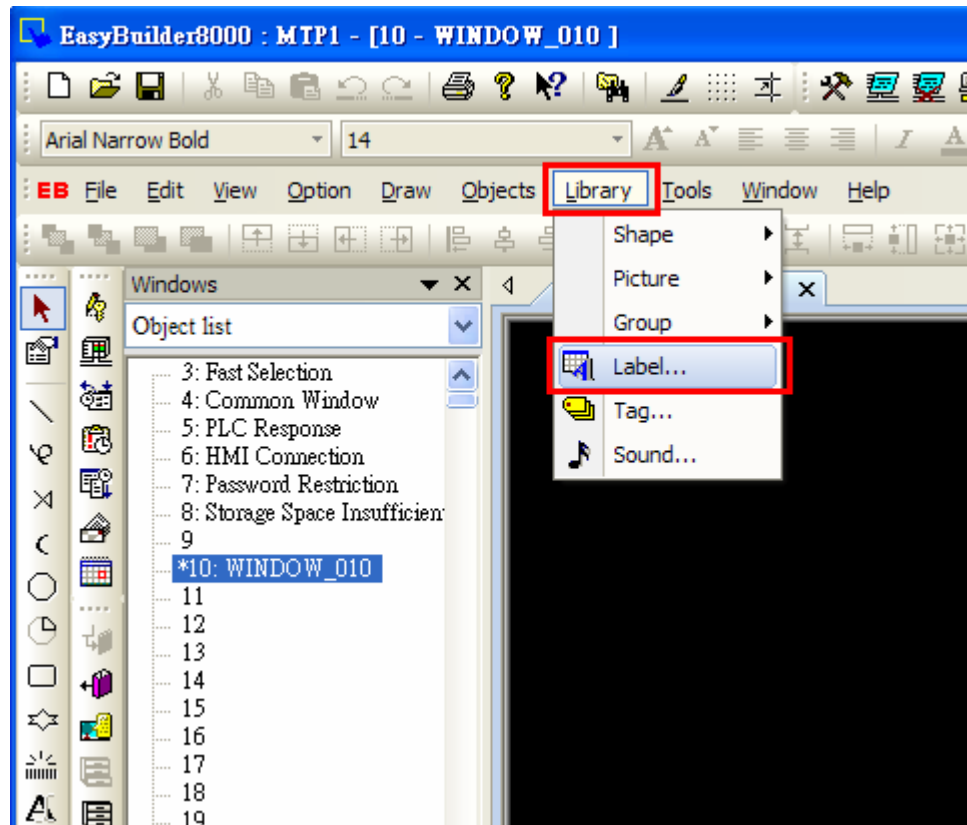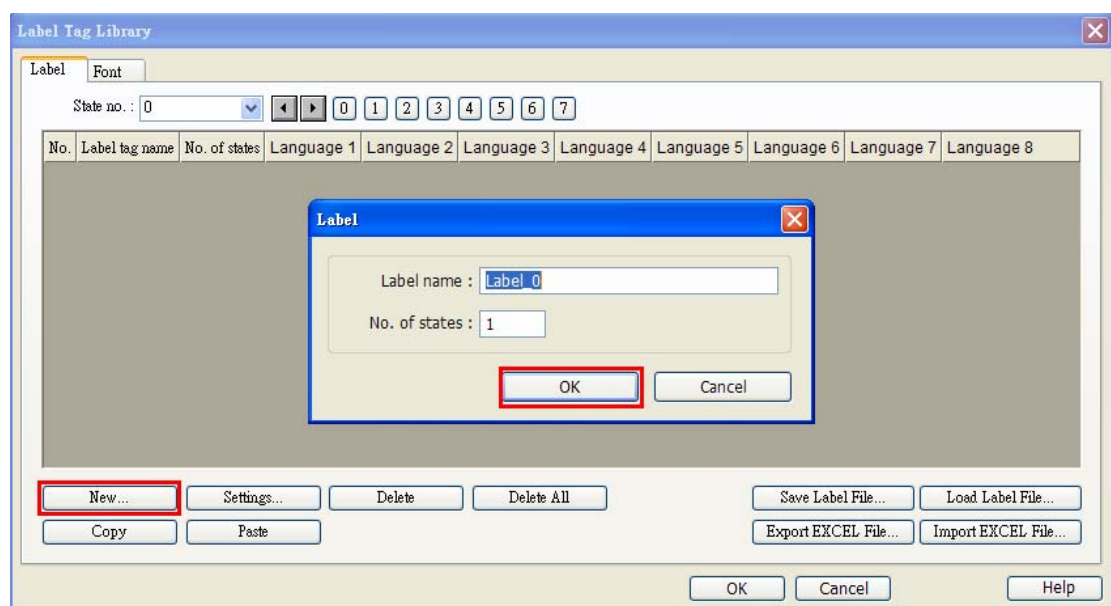

[Operation]

2. Setting Up the Screen

1. Setting up the Label library.

   In the Library area, click "Label…" icon.
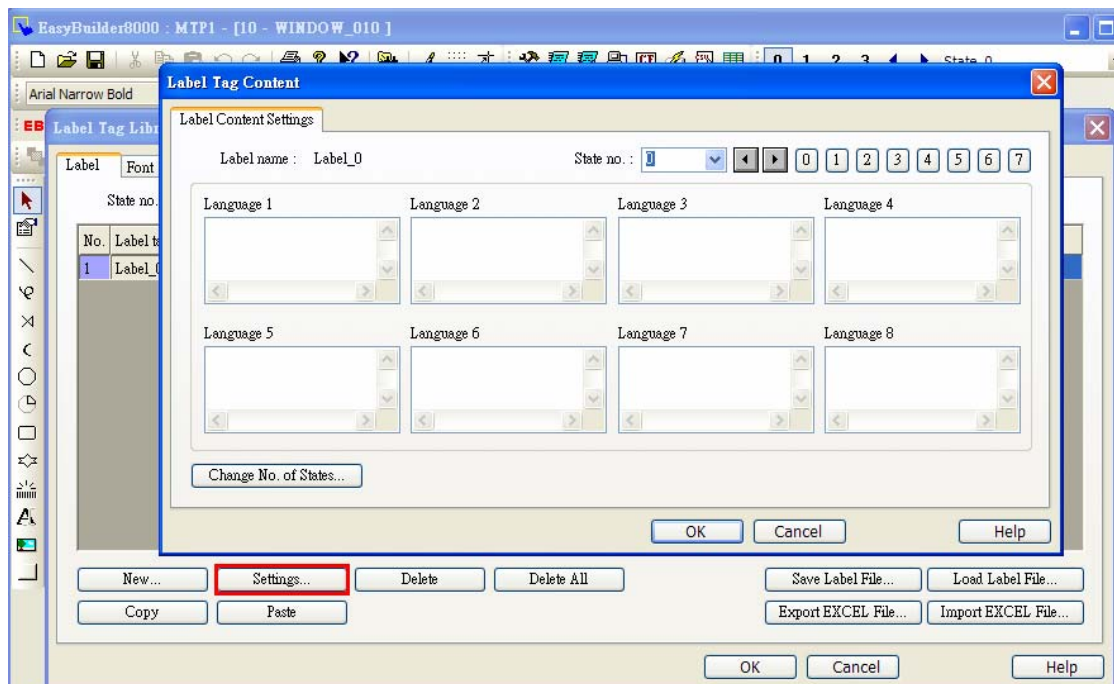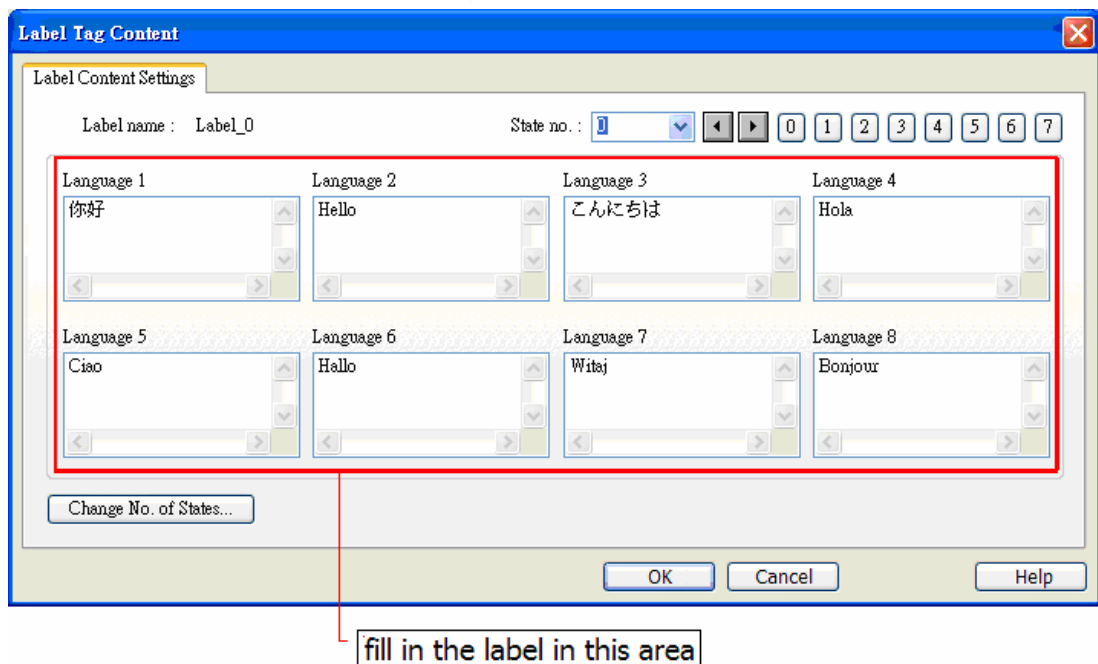

The Label Tag Library dialog box opens. Select New and a Label dialog box appears, and then press OK.

A new label appears on the screen, click [Settings…].

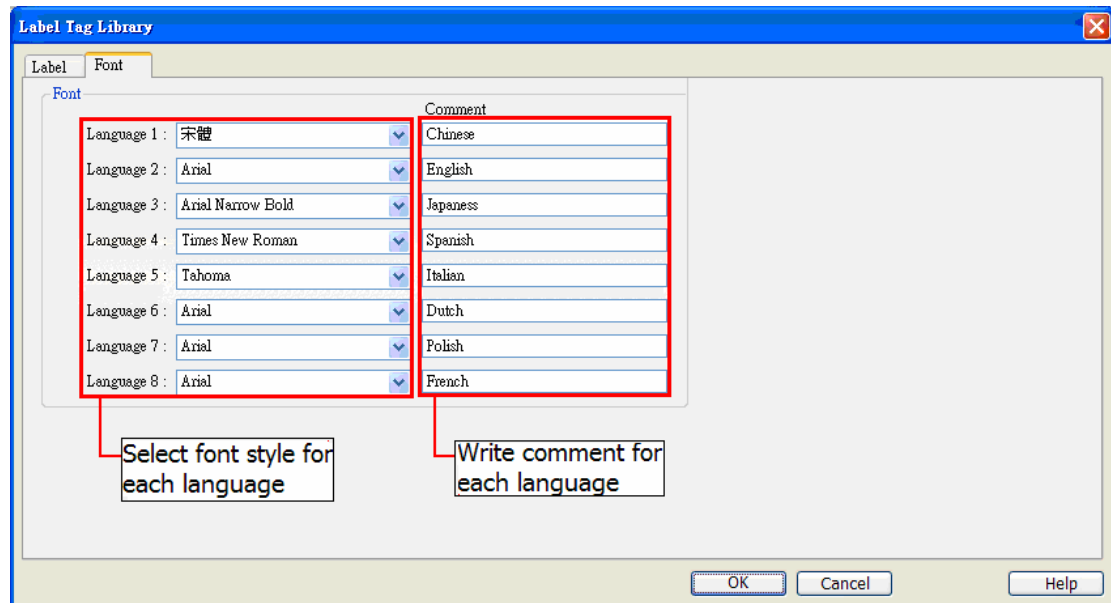

Enter the text in different languages in the Language 1 to 8 boxes.

fill in the label in this area

[Font]

Under the Multi-Language configuration, users can select fonts for different

languages and comment on each font.

WEINTEK

Label Tag Library

Label | Font

Font

		Comment
Language 1 :	宋體	Chinese
Language 2 :	Arial	English
Language 3 :	Arial Narrow Bold	Japaness
Language 4 :	Times New Roman	Spanish
Language 5 :	Tahoma	Italian
Language 6 :	Arial	Dutch
Language 7 :	Arial	Polish
Language 8 :	Arial	French

Select font style for each language
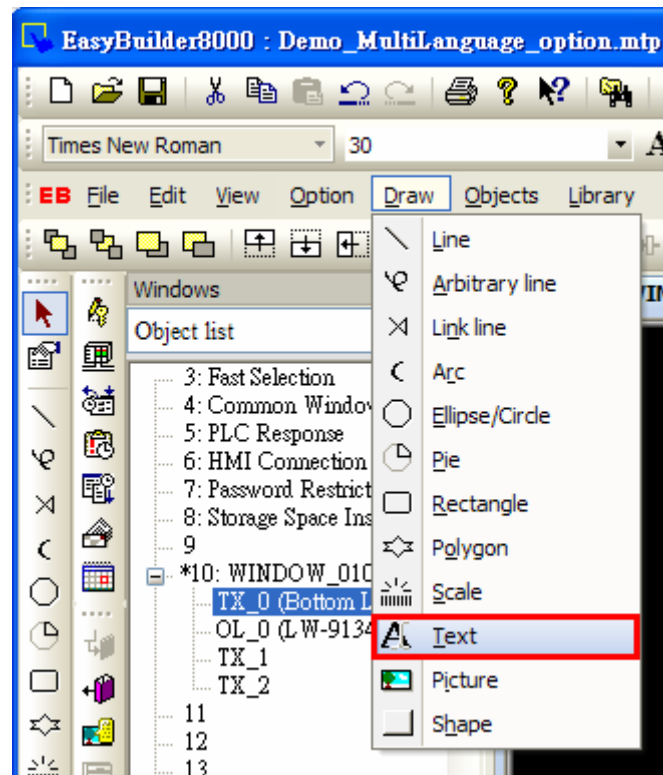
Write comment for each language
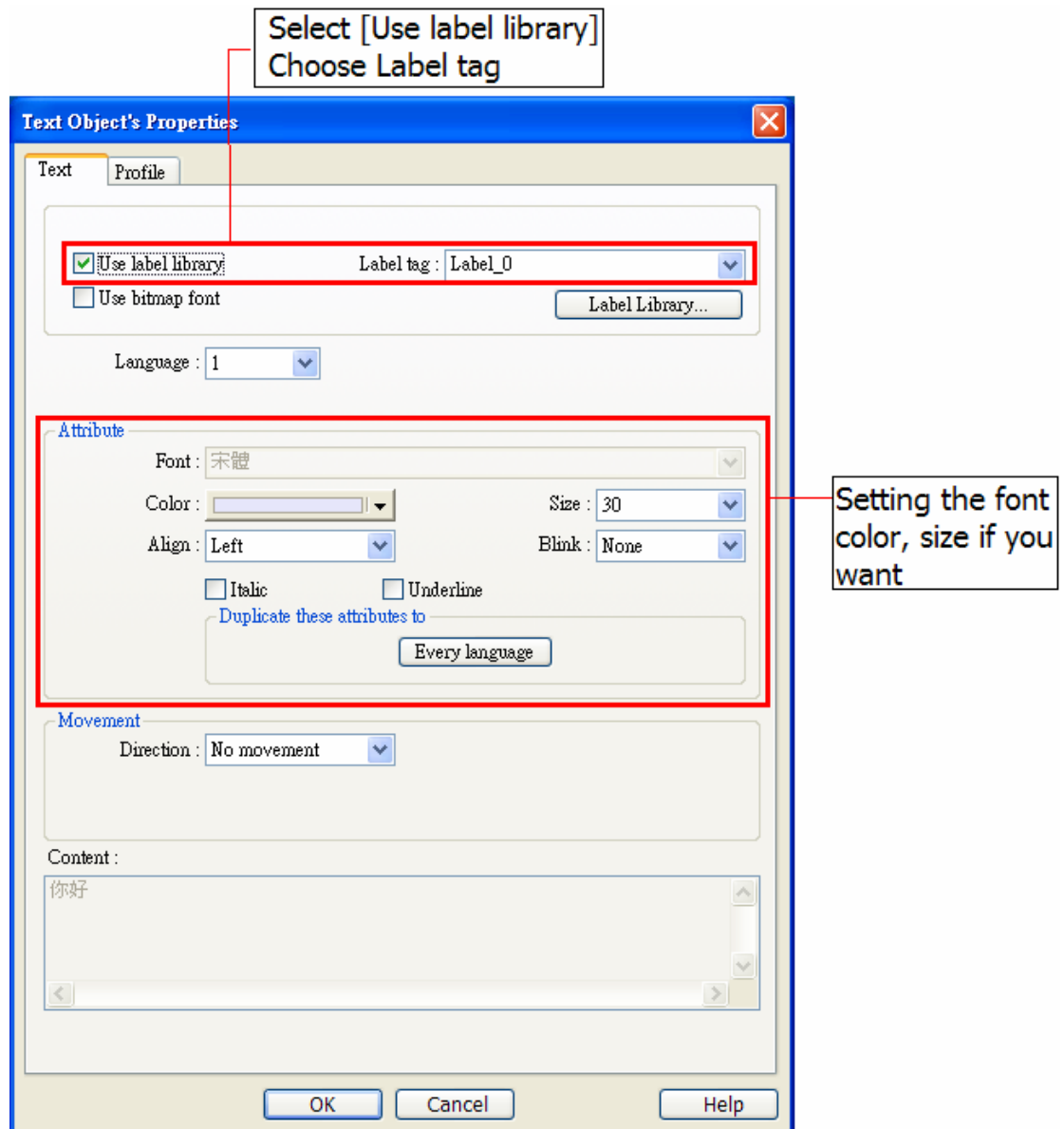
OK   Cancel   Help

2. Creating the window

Create Text object and Option List Object for displaying languages.

Text Object:
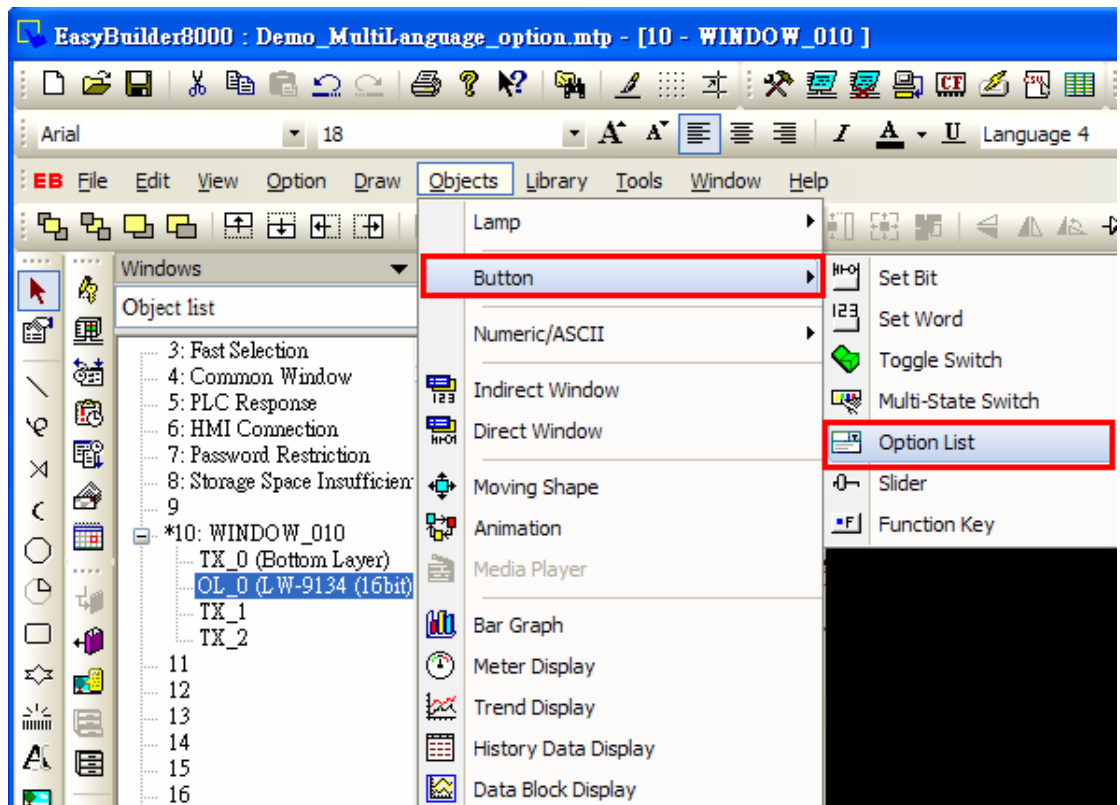
Create TX_0 from Draw area and Set up [Text] on screen.

Change the Text Object's Properties and click [OK] to place on the screen.

WEINTEK

Select [Use label library]
Choose Label tag

Text Object's Properties

Text   Profile

☑ Use label library   Label tag : Label_0

☐ Use bitmap font   Label Library...

Language : 1

Attribute

Font : 宋體

Color :   Size : 30

Align : Left   Blink : None

☐ Italic   ☐ Underline

Duplicate these attributes to

Every language

Setting the font color, size if you want

Movement

Direction : No movement

Content :

你好

OK   Cancel   Help

3. Option List Object:
   Create OL_0 from the Objects area

Select no. of state in Attribute and LW9134 in Control address

Select No. of state: 8 for displaying 8 languages

Option List Object's Properties

Option list | Mapping | Security | Shape | Label | Profile

Description :

Attribute

Mode : Drop-down List   Background :

No. of state : 8   Selection :

Control address

PLC name : Local HMI

Device type : LW-9134 (16bit) : language mode

Address : LW9134   ☑ System tag

Address format : ddddd [range : 0 ~ 10500]
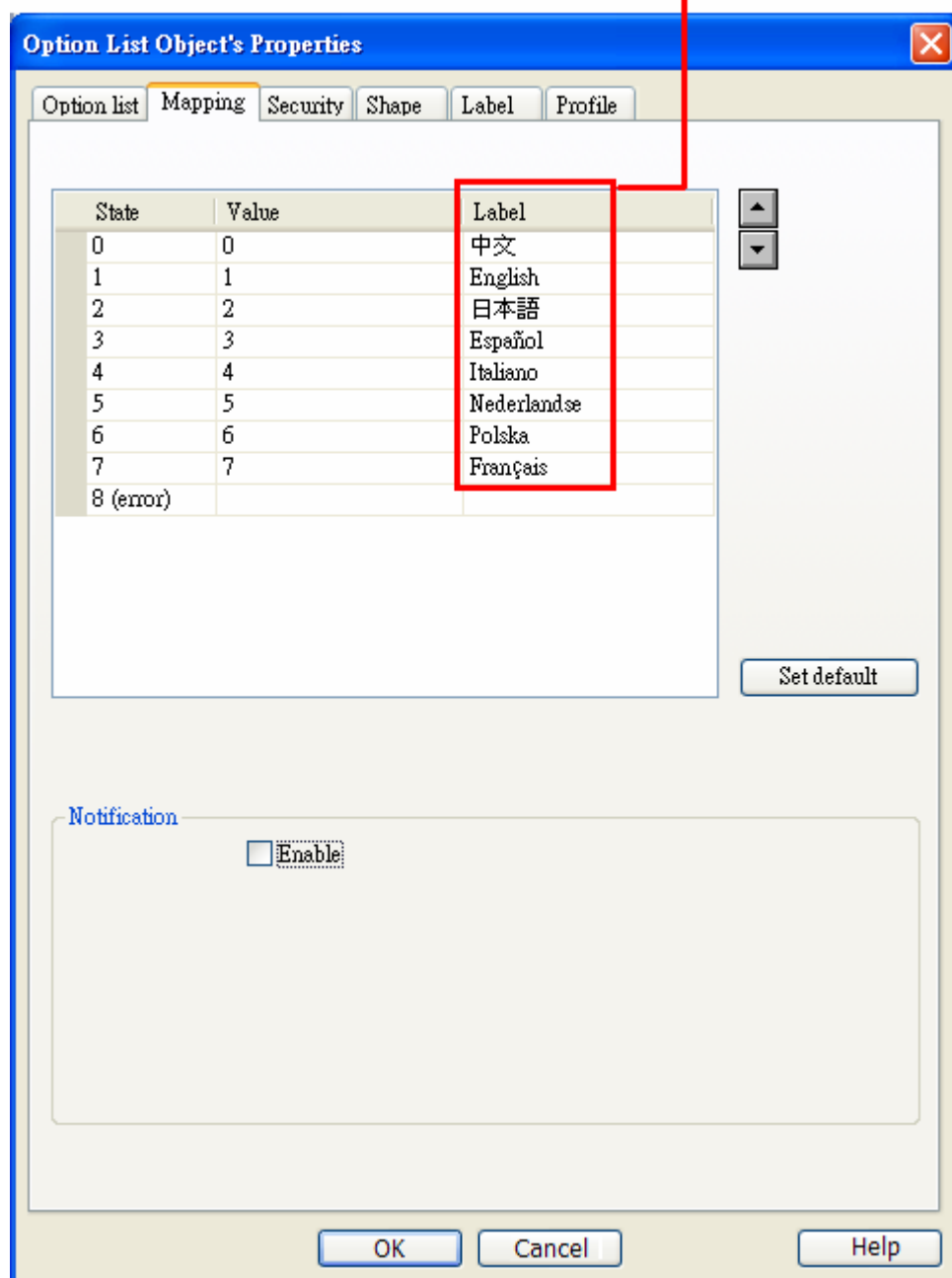
☐ Index register

16-bit Unsigned

OK   Cancel   Help

Select LW-9134: language mode in Device type

Go to Mapping window, users can assign label for each item. The option list object displays the labels of all items in the list for users to review and select.
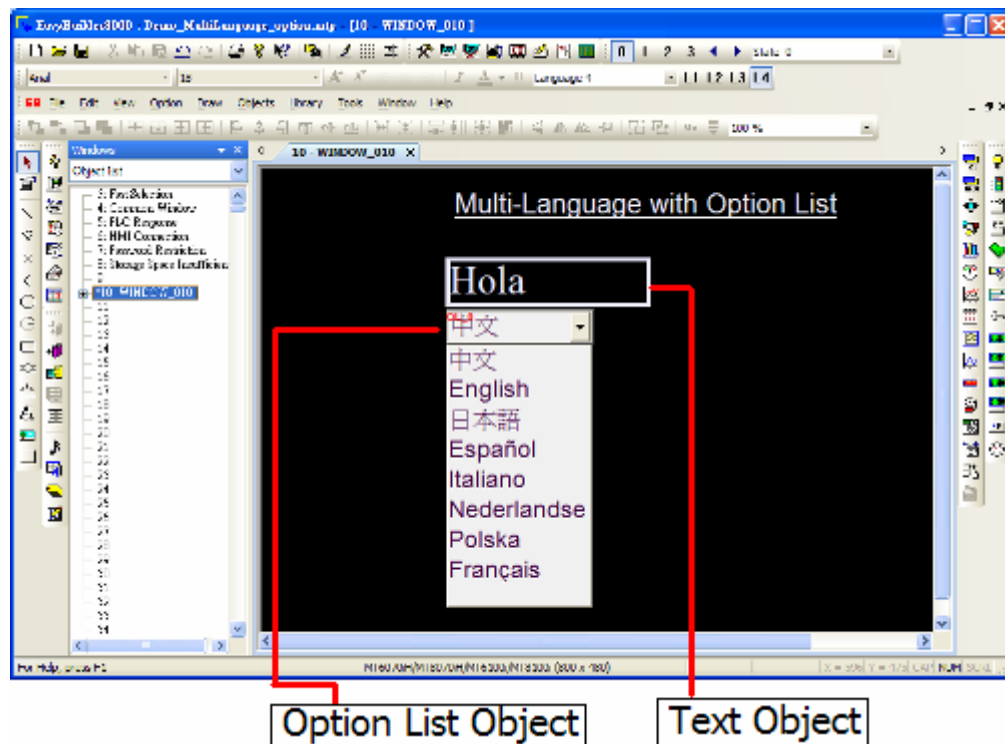
Write in the selection in the Label

Option List Object's Properties

Option list | Mapping | Security | Shape | Label | Profile

State	Value	Label
0	0	中文
1	1	English
2	2	日本語
3	3	Español
4	4	Italiano
5	5	Nederlandse
6	6	Polska
7	7	Français
8 (error)		

Set default

Notification

☐ Enable

OK   Cancel   Help

Click OK and place the option list object on the screen.

Screen Action

Click drop down button and select language which you would like to display on the Text object.

Multi-Language with Option List

你好

中文 ▼
中文
English
日本語
Español
Italiano
Nederlandse
Polska
Français

Click drop down button and
select language

3. Addresses

The addresses used in this demo project are listed below. Please change these addresses according to your system.

Addresses		Object ID	Detail
Word	LW9134	OL_0	Language mode

4. Precaution

In the compiling window, the [Select the language used on the HMI]
selection is for users to select which language to be downloaded to HMI.
Users are able to select all or select one of languages.