Application Note

ST7501
How to customize language

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Introduction

ST7501 is multi-lingual supported software.

ST7501 has two layers of presentation in different language.
First layer is string type. ST7501 use Poedit as language platform. About Poedit, you can reference http://www.poedit.net/. If you want to edit language setting, you need to download and install the PoeEditsetup.exe from official website.

Second layer is image button type. Different language has different image buttons which represent different functionality. You can use image editor like photoshop or Microsoft paint to edit the image buttons to what you want,

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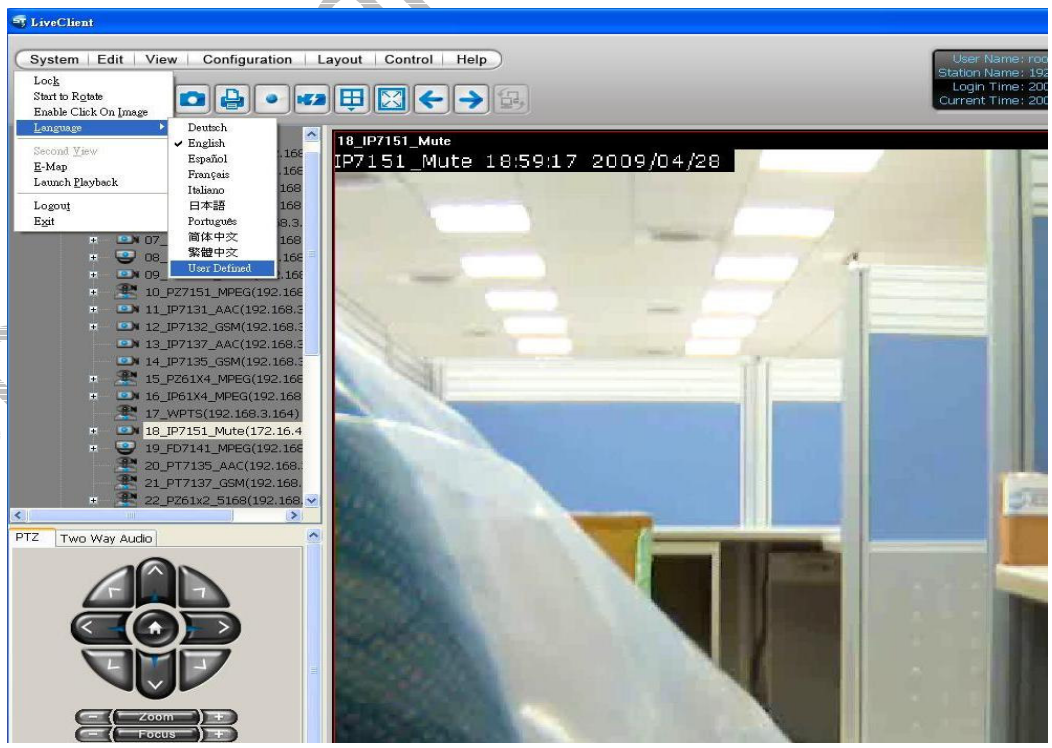
1. How to edit User Defined language?

1.1 User Defined

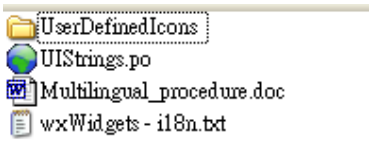
In ST7501 language choices, it has a User Defined option. People can edit this language and then choose it as default language. As we mention in last chapter, any language has two layers of presentation: image button layer and string layer. If you want to edit User Defined language, need to edit both image button and string files.



Go to default installation folder and check language folder “C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language”. You will find different language folders which contain different language files

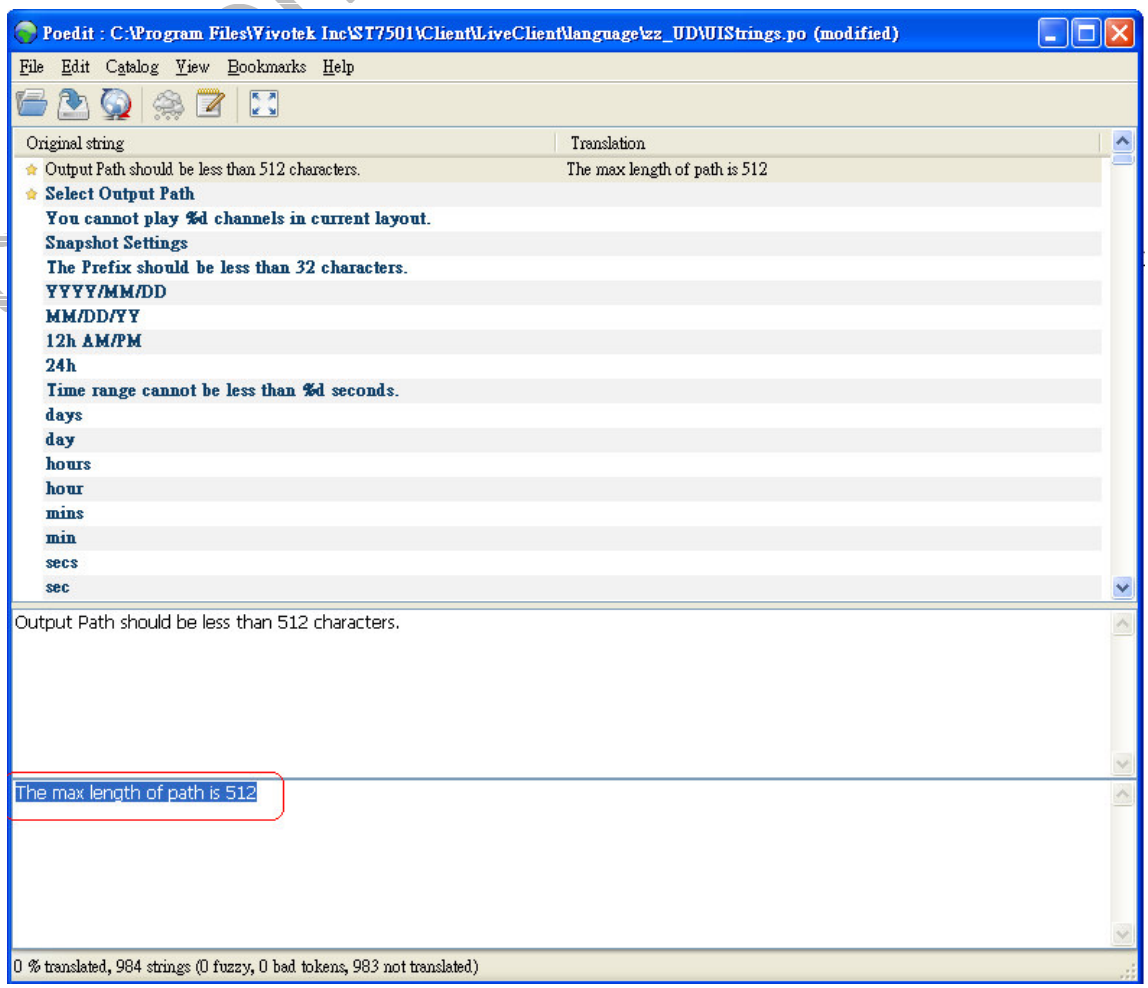
In zz-UD folder(User Defined), it contains **UIStrings.po** string data file and

UserDefinedIcons folder which contains the image buttons.

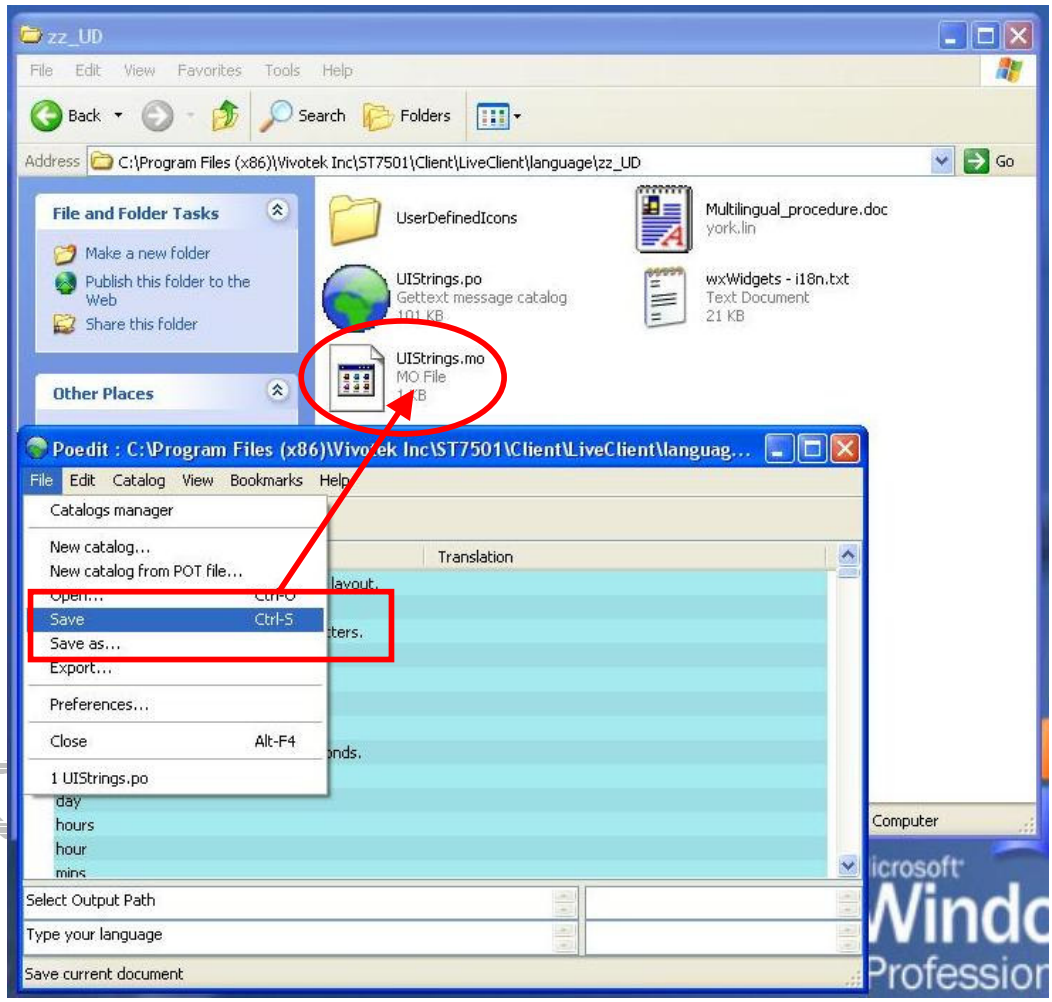


1.2 How to Edit String files

Use Poedit to open the UIStrings.po (You can just click on UIStrings.po file and then it will execute Poedit). And you will get the Original string and its new translation in Translation field. Click each item, you can edit its presentation string in bottom field. When you are editing, it will update content to the Translation field simultaneously.



After you finished the editing, save the file and then you will get a UIStrings.mo file in the same folder.

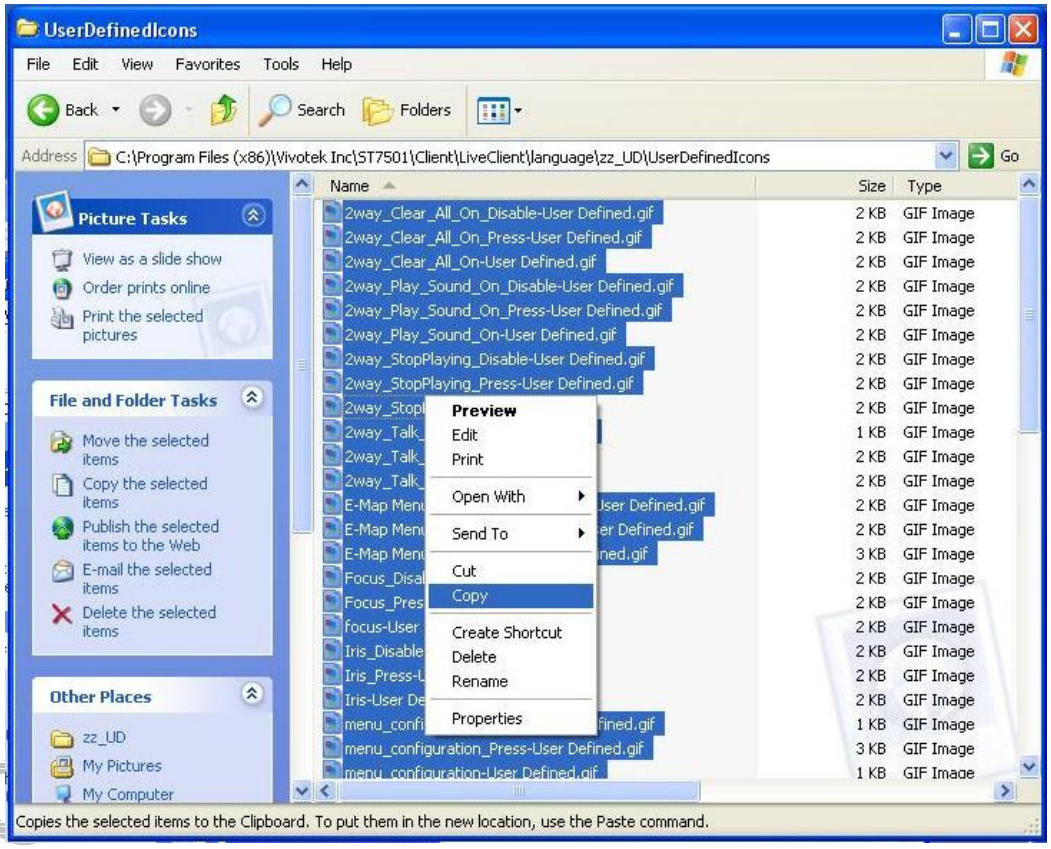


1.3 How to Edit Image buttons

Use Microsoft Paint or any image editor to change all UserDefine buttons (Default path: C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language\zz_UD\UserDefinedIcons) as your own.

If you do not know what the original wording is, you can refer to the image with same button name in path C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\image. For example, you can find the original wording of "**2way_Clear_All_On_Disable-User Defined.gif**" by the image of "**2way_Clear_All_On_Disable-English.gif**" in the folder of "C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\imag".

After Change all UserDefine buttons, copy all the images in "C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language\zz_UD\UserDefinedIcons" folder and then paste them to "C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\image" folder.


UserDefinedIcons
File Edit View Favorites Tools Help
Back Search Folders
Address C:\Program Files (x86)\Vivotek Inc\ST7501\Client\LiveClient\language\zz_UD\UserDefinedIcons
Go
Picture Tasks
View as a slide show
Order prints online
Print the selected pictures
File and Folder Tasks
Move the selected items
Copy the selected items
Publish the selected items to the Web
E-mail the selected items
Delete the selected items
Other Places
zz_UD
My Pictures
My Computer
Name
Size
Type
2way_Clear_All_On_Disable-User Defined.gif 2 KB GIF Image
2way_Clear_All_On_Press-User Defined.gif 2 KB GIF Image
2way_Clear_All_On-User Defined.gif 2 KB GIF Image
2way_Play_Sound_On_Disable-User Defined.gif 2 KB GIF Image
2way_Play_Sound_On_Press-User Defined.gif 2 KB GIF Image
2way_Play_Sound_On-User Defined.gif 2 KB GIF Image
2way_StopPlaying_Disable-User Defined.gif 2 KB GIF Image
2way_StopPlaying_Press-User Defined.gif 2 KB GIF Image
Preview
Edit
Print
Open With
Send To
Cut
Copy
Create Shortcut
Delete
Rename
Properties
Copies the selected items to the Clipboard. To put them in the new location, use the Paste command.

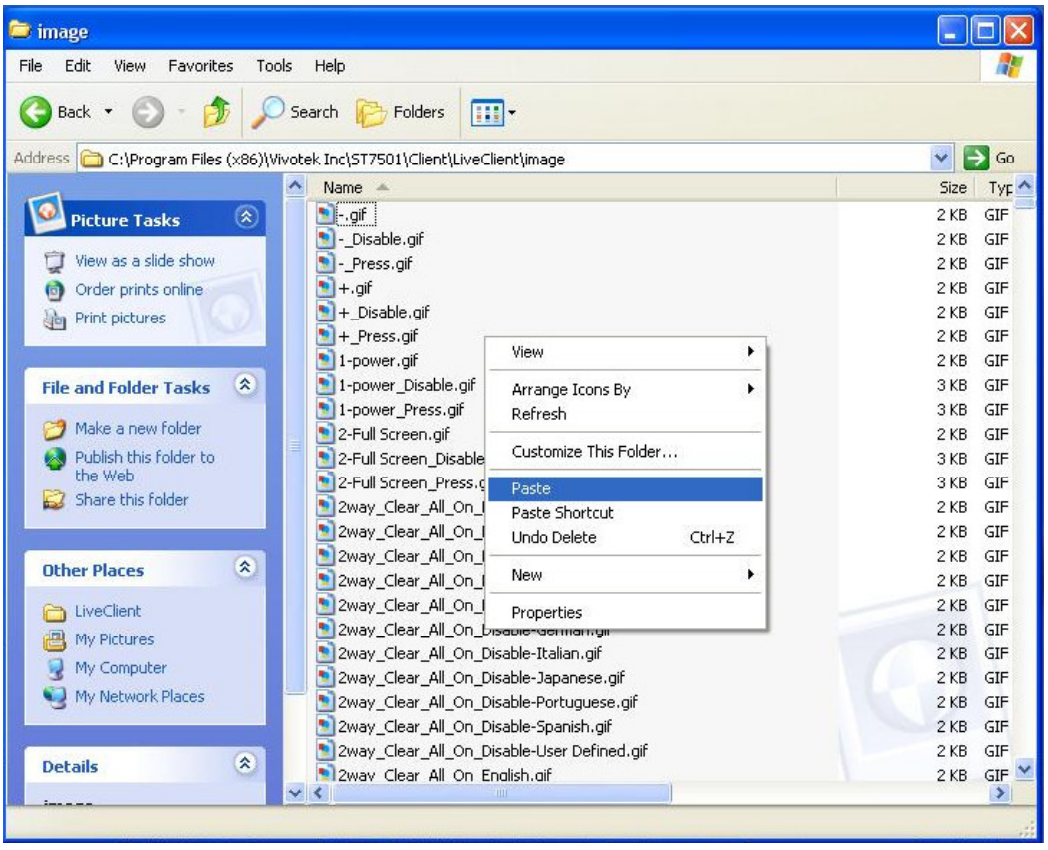
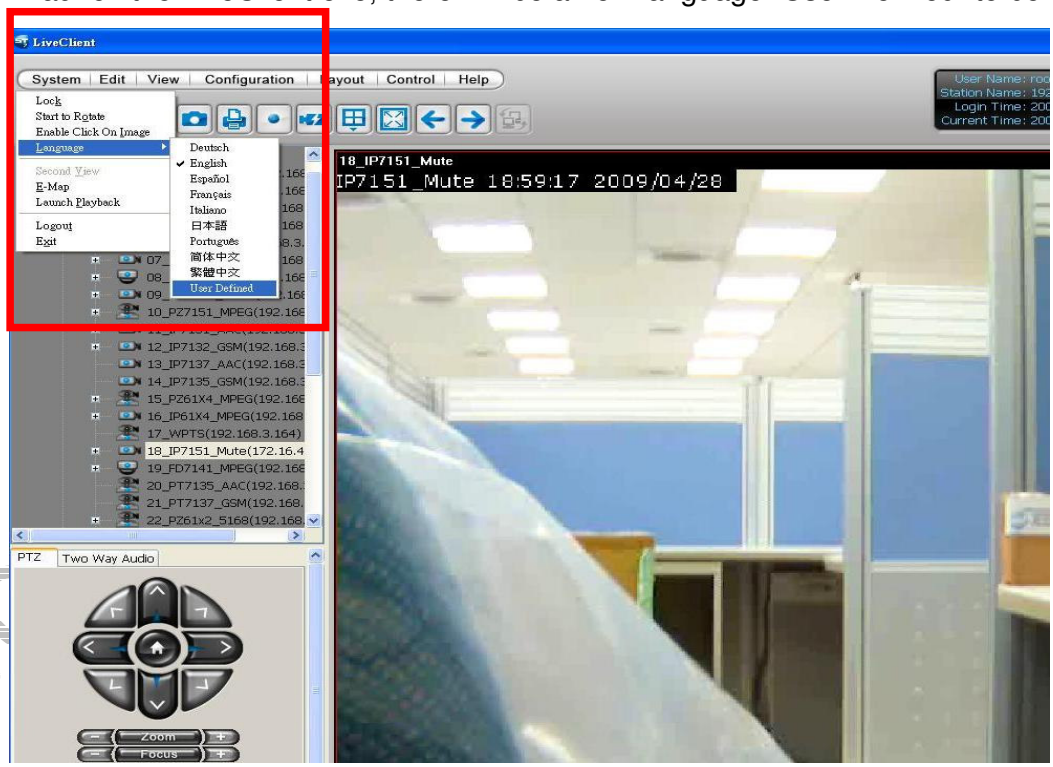


image
File Edit View Favorites Tools Help
Back Search Folders
Address C:\Program Files (x86)\Vivotek Inc\ST7501\Client\LiveClient\image
Go
Picture Tasks
View as a slide show
Order prints online
Print pictures
File and Folder Tasks
Make a new folder
Publish this folder to the Web
Share this folder
Other Places
LiveClient
My Pictures
My Computer
My Network Places
Details
Name
Size
-.gif 2 KB GIF
-_Disable.gif 2 KB GIF
-_Press.gif 2 KB GIF
+.gif 2 KB GIF
+_Disable.gif 2 KB GIF
+_Press.gif 2 KB GIF
1-power.gif 2 KB GIF
1-power_Disable.gif 3 KB GIF
1-power_Press.gif 3 KB GIF
2-Full Screen.gif 2 KB GIF
2-Full Screen_Disable 3 KB GIF
2-Full Screen_Press.g 3 KB GIF
2way_Clear_All_On_I 2 KB GIF
2way_Clear_All_On_I 2 KB GIF
2way_Clear_All_On_I 2 KB GIF
2way_Clear_All_On_I 2 KB GIF
2way_Clear_All_On_I 2 KB GIF
2way_Clear_All_On_Disable-Italian.gif 2 KB GIF
2way_Clear_All_On_Disable-Japanese.gif 2 KB GIF
2way_Clear_All_On_Disable-Portuguese.gif 2 KB GIF
2way_Clear_All_On_Disable-Spanish.gif 2 KB GIF
2way_Clear_All_On_Disable-User Defined.gif 2 KB GIF
2way_Clear_All_On_English.gif 2 KB GIF
View
Arrange Icons By
Refresh
Customize This Folder...
Paste
Paste Shortcut
Undo Delete Ctrl+Z
New
Properties

1.4 Launch the LiveClient

Launch the LiveClient.exe, there will be a new language “User Defined” to be selected.

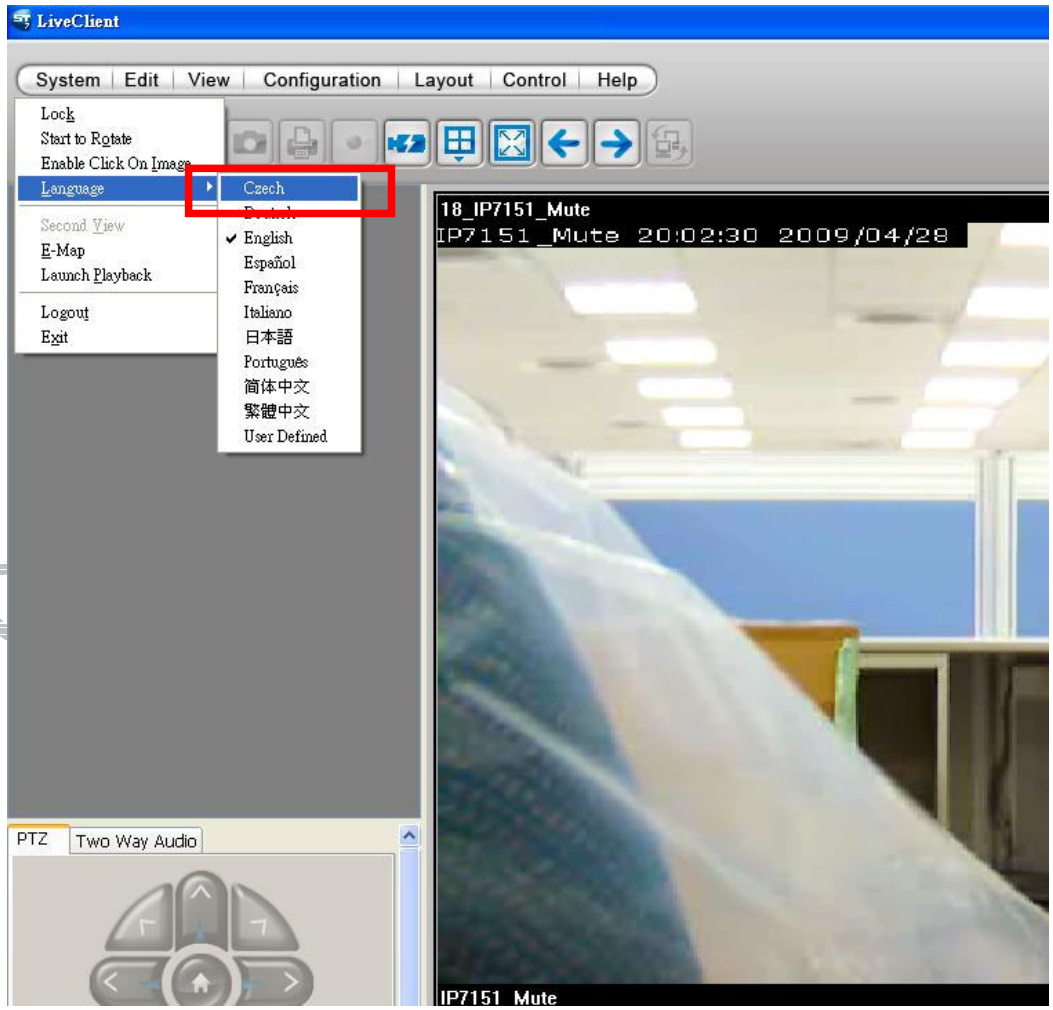


1.5 How to change the language for Playback

Follow steps 1.1~1.4 and change the string files and imag icons in Default path “C:\Program Files\Vivotek Inc\ST7501\Client\Playback\language\zz_UD” and “C:\Program Files\Vivotek Inc\ST7501\Client\Playback\language\zz_UD\UserDefinedIcons”.

2. How to add multilingual button

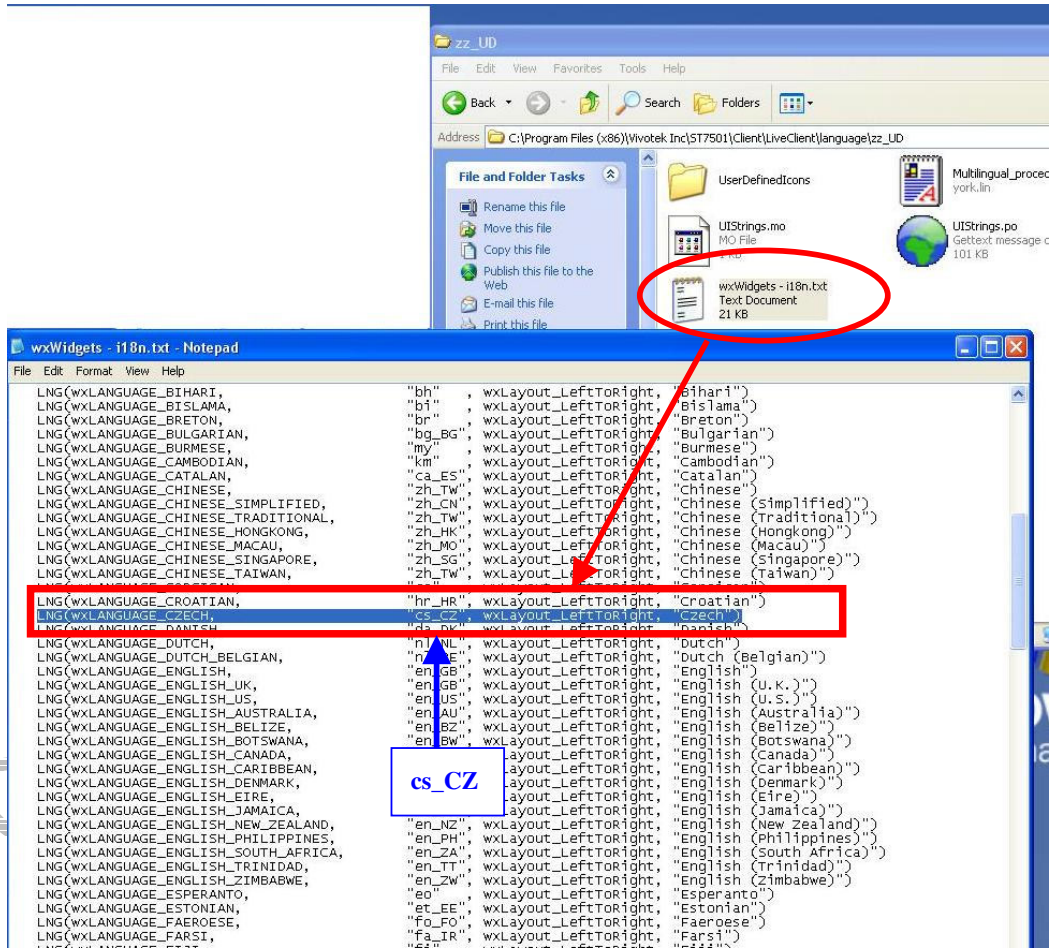
In ST7501 language choices, you can also have your own language button. In this chapter we will show you how to do it.



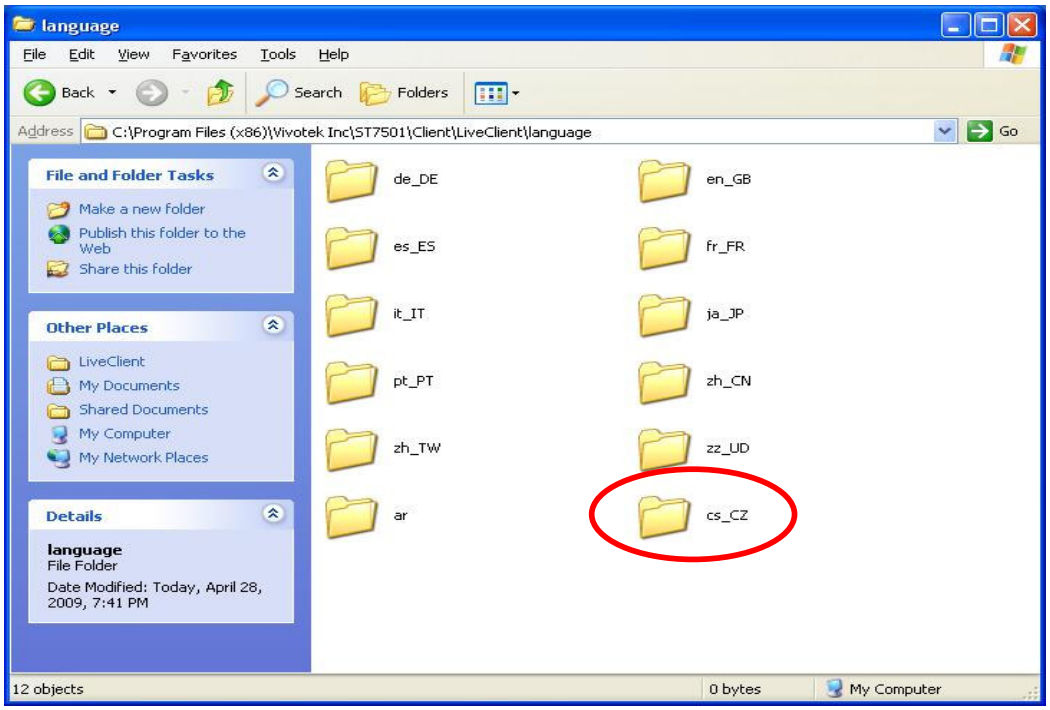
2.1 Create a corresponding folder

Open wxWidgets - i18n.txt (Default path “C:\Program Files\Vivotek Inc\ST7501\Client\Playback\language\zz_UD”)

Select your language’s short name (ex: wxLANGUAGE_CZECH -> cs_CZ)

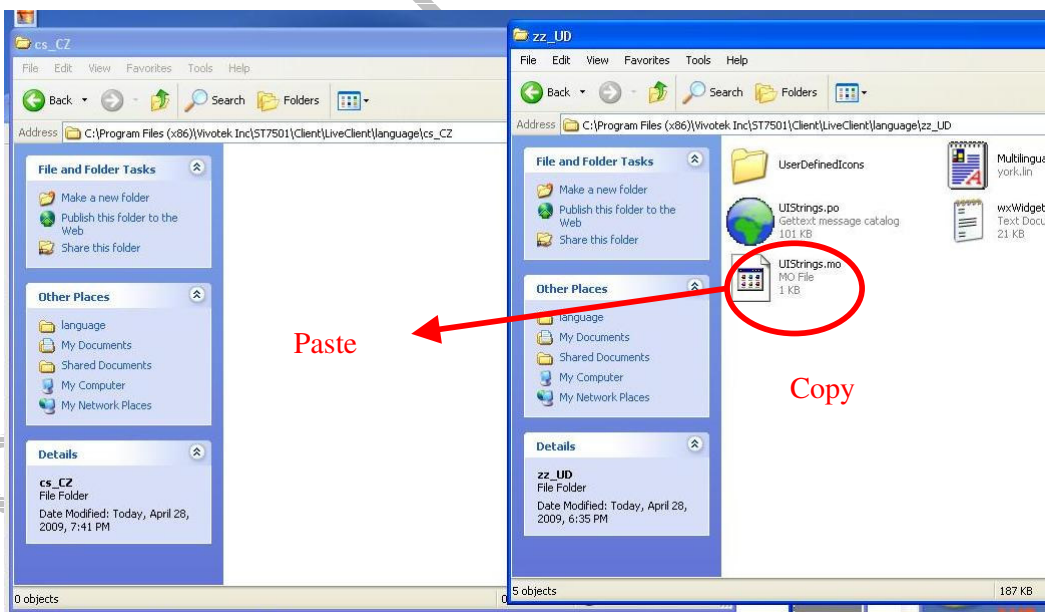


Add a folder as the short name described in i18n.txt corresponding to your language. (example: C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language\cs_CZ)



2.2 Add .mo file

Add the translated string in UIStrings.po (Default path: C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language\zz_UD) and then save it. You will get the UIStrings.mo. Move UIStrings.mo to cs_CZ folder.



2.3 Add a language button

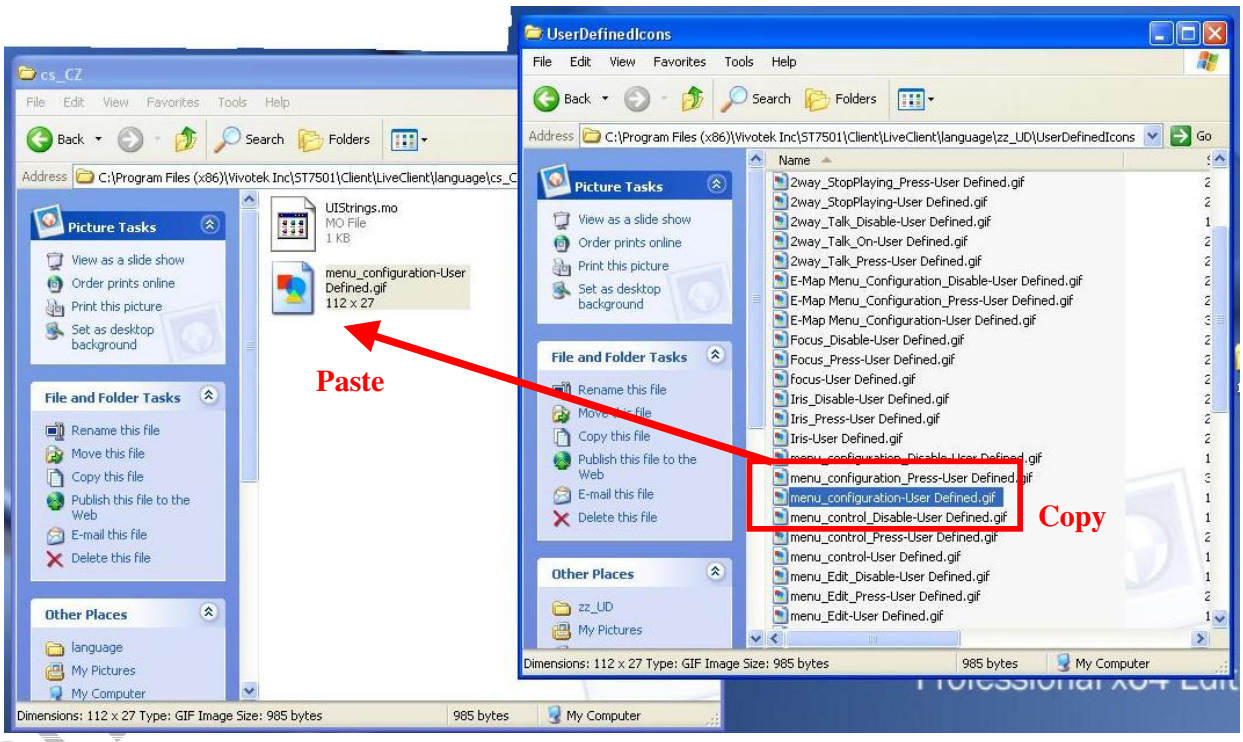
Steps:

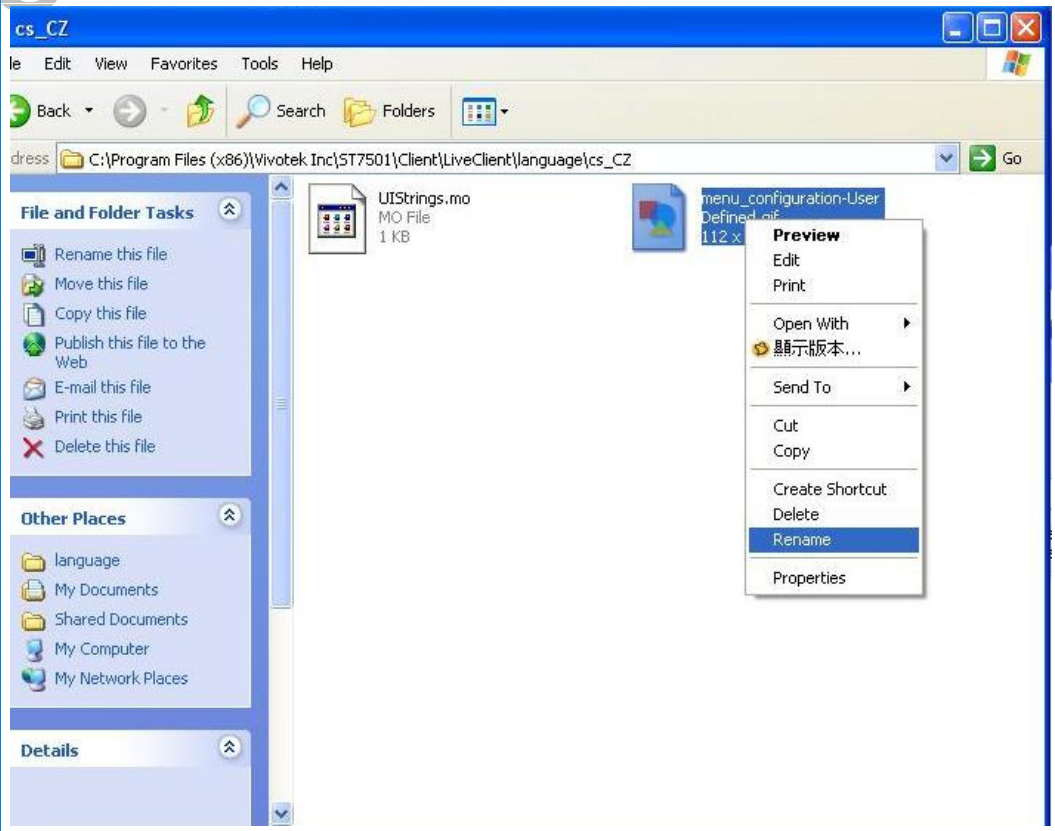
a. Copy the “menu_configuration-User Defined.gif “ in folder of “C:\Program Files\Vivotek Inc\ST7501\Client\ LiveClient \language\zz_UD\UserDefinedIcons” to the folder ““C:\Program Files\Vivotek Inc\ST7501\Client\ LiveClient \language\cs_CZ”

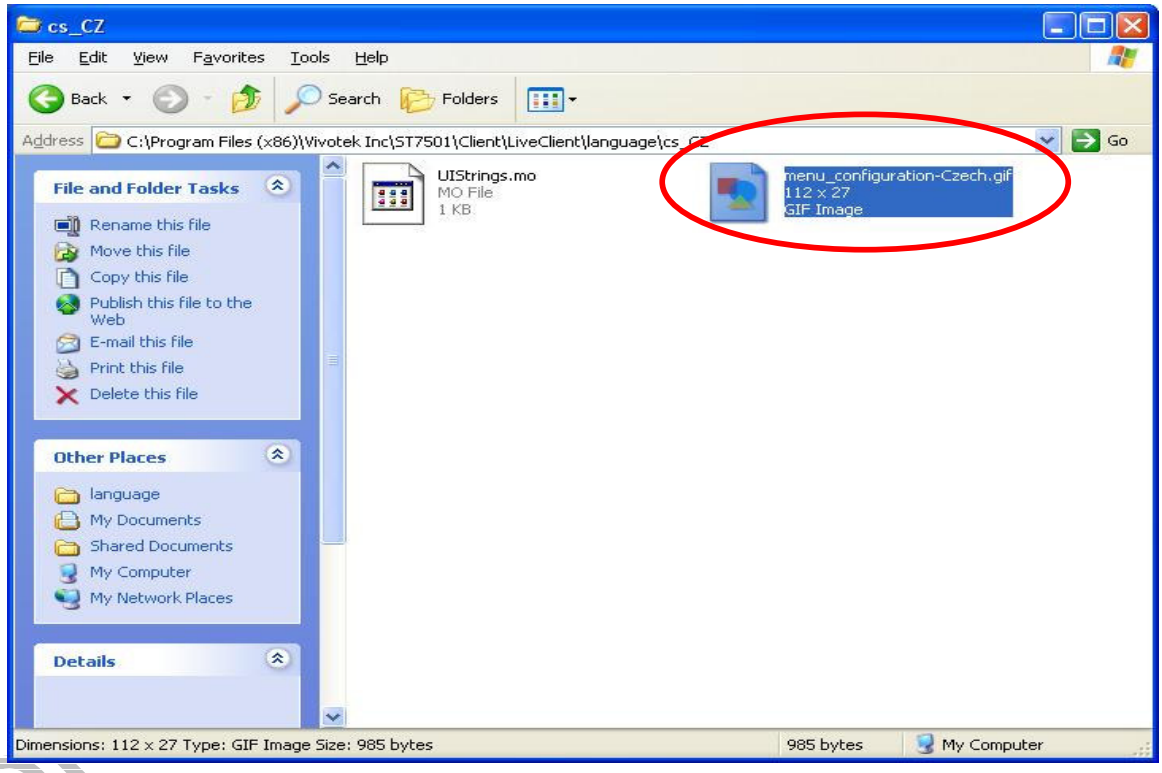
b. Find out your language name from i18n.txt.(example: wxLANGUAGE_CZECH -> Czech)

c. Change the language name to yours after the button’s name.

(example : menu_configuration- Czech.gif)

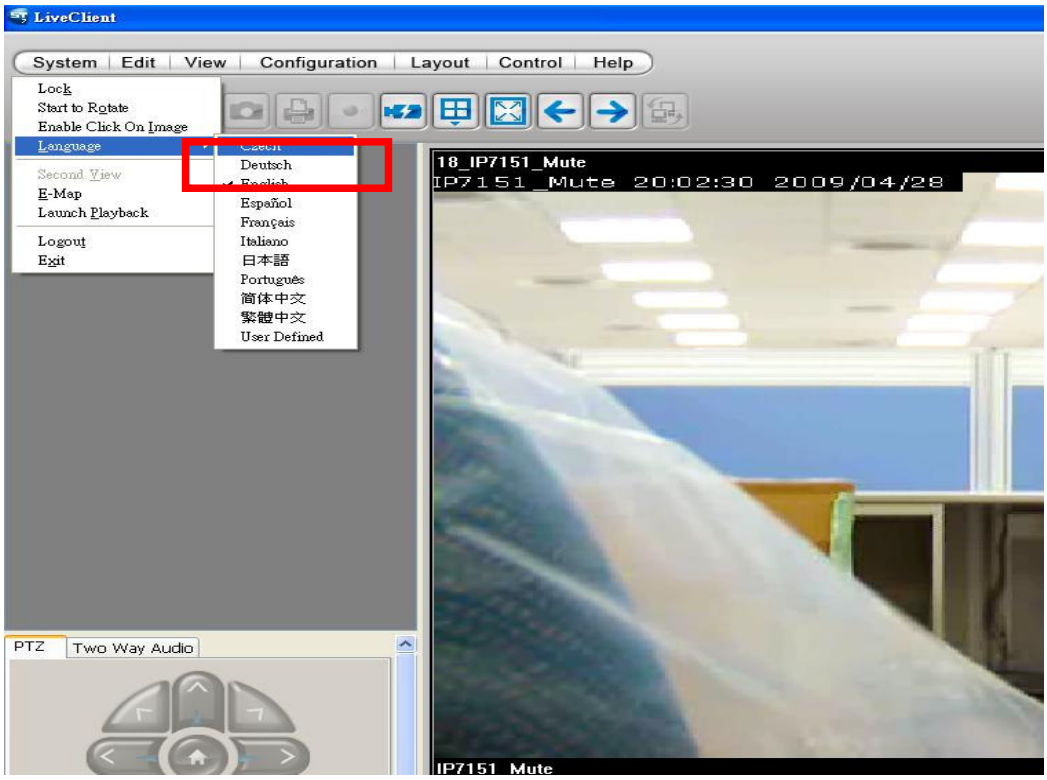

cs_CZ
UserDefinedIcons
Paste
Copy
menu_configuration-User Defined.gif
112 x 27
UIStrings.mo
MO File
1 KB
Picture Tasks
File and Folder Tasks
Other Places
Dimensions: 112 x 27 Type: GIF Image Size: 985 bytes
985 bytes
My Computer


cs_CZ
C:\Program Files (x86)\Vivotek Inc\ST7501\Client\LiveClient\language\cs_CZ
UIStrings.mo
MO File
1 KB
menu_configuration-User
Preview
Edit
Print
Open With
顯示版本...
Send To
Cut
Copy
Create Shortcut
Delete
Rename
Properties
File and Folder Tasks
Other Places
Details
language
My Documents
Shared Documents
My Computer
My Network Places



2.4 Launch the LiveClient

There will be an additional language to be selected. Choose it and you can get your own language UI.



2.5 How to add a language button for Playback

Follow steps 2.1~2.4 and add correspoding folder in Default path “C:\Program Files\Vivotek Inc\ST7501\Client\Playback\language” and put “Uistrings.mo” and language button image in it.

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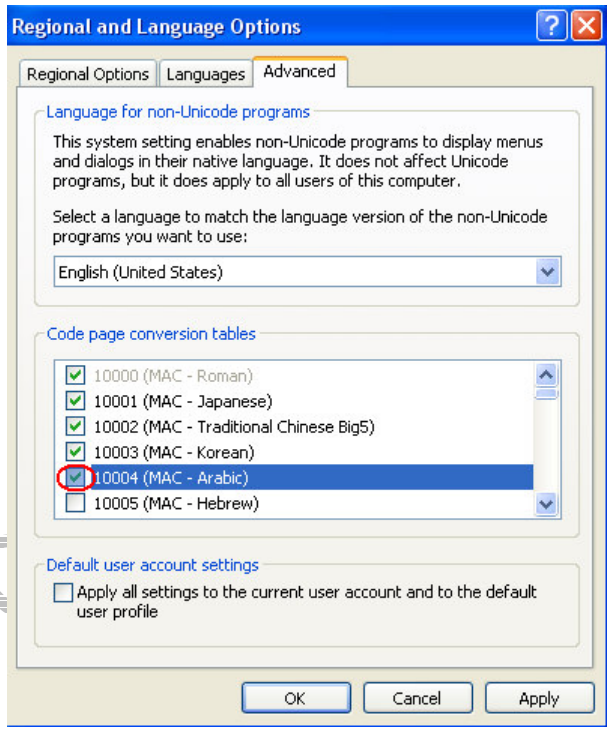
3. Note

If some language can not be supported, add your OS's code page to fit the language. You can set it in Control Panel -> Regional and Language Options.

Ex: