VIVOTEK
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IP Surveillance

Application Note

ST7501
How to Customize the Language Settings

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Introduction

The ST7501 software supports multiple languages.

ST7501 has two layers of presentations for different languages:
The first layer consists of the strings. ST7501 uses Poedit as its language platform (more information can be found at http://www.poedit.net/). If you want to edit the language settings, you need to download and install PoeEditsetup.exe from the official website.

The second layer is the image buttons. Different languages have different image buttons which represent different functionalities. You can use an image editor such as Photoshop or Microsoft Paint to edit the image buttons as desired.

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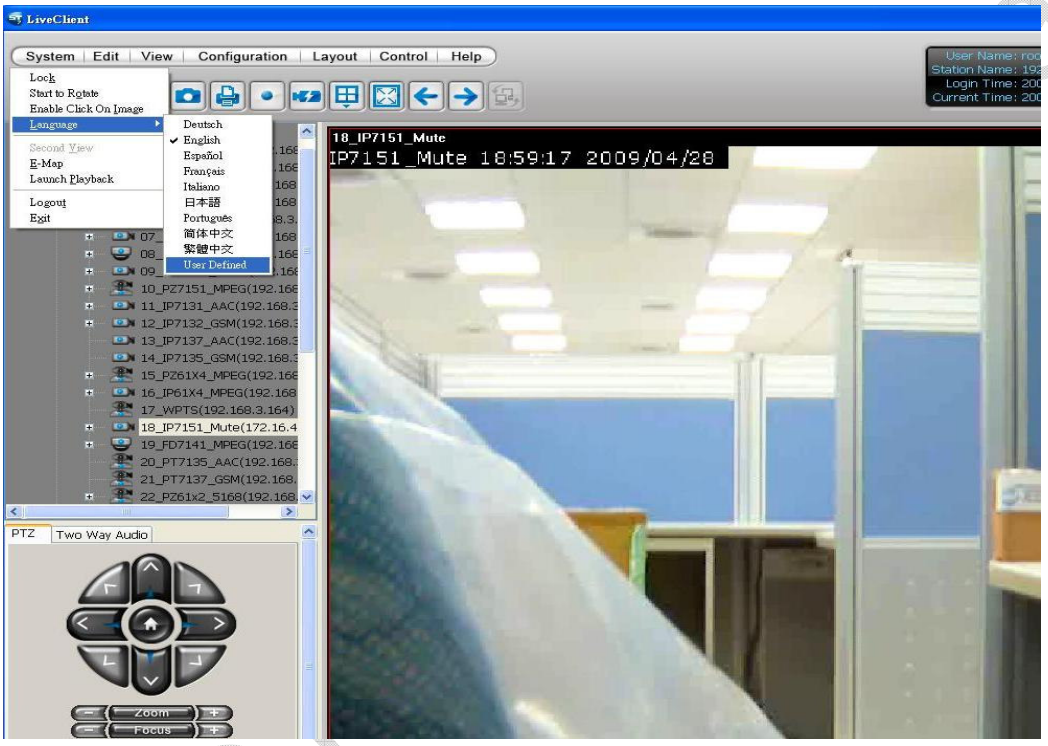
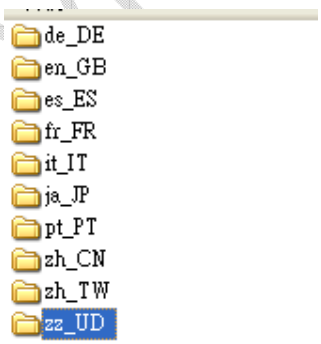
1. How Do I Edit the User Defined Language?

1.1 User Defined

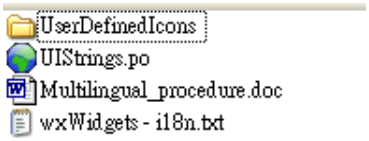
The ST7501 language choices include a “User Defined” option. People can edit this language and then choose it as the default language. As mentioned in the previous chapter, any language will have two layers of presentation: the image button layer and the string layer. If you want to edit the User Defined language, you will need to edit both the image button and string files.



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

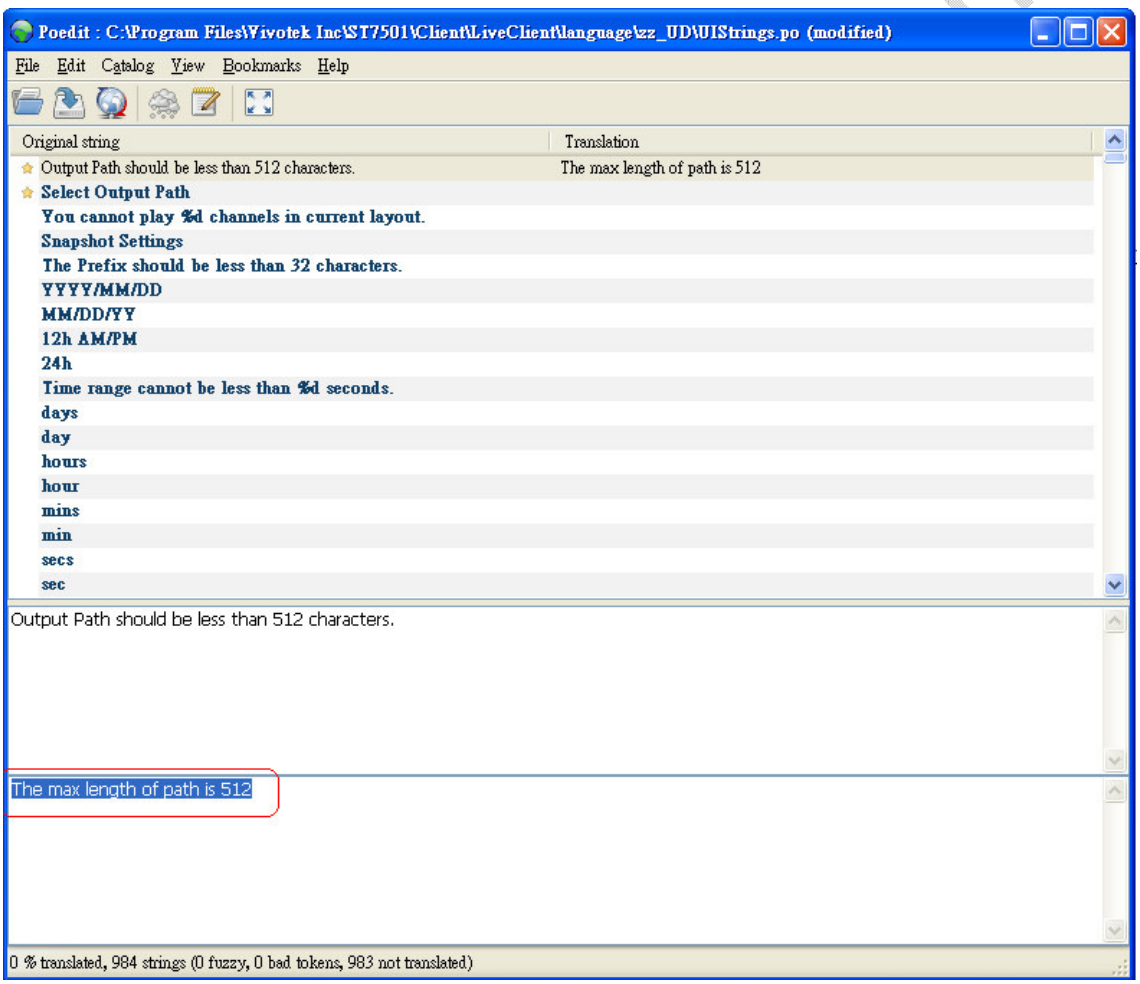


In the zz-UD folder (User Defined), **UIStrings.po** is the string data file and the **UserDefinedIcons** folder contains the image buttons.

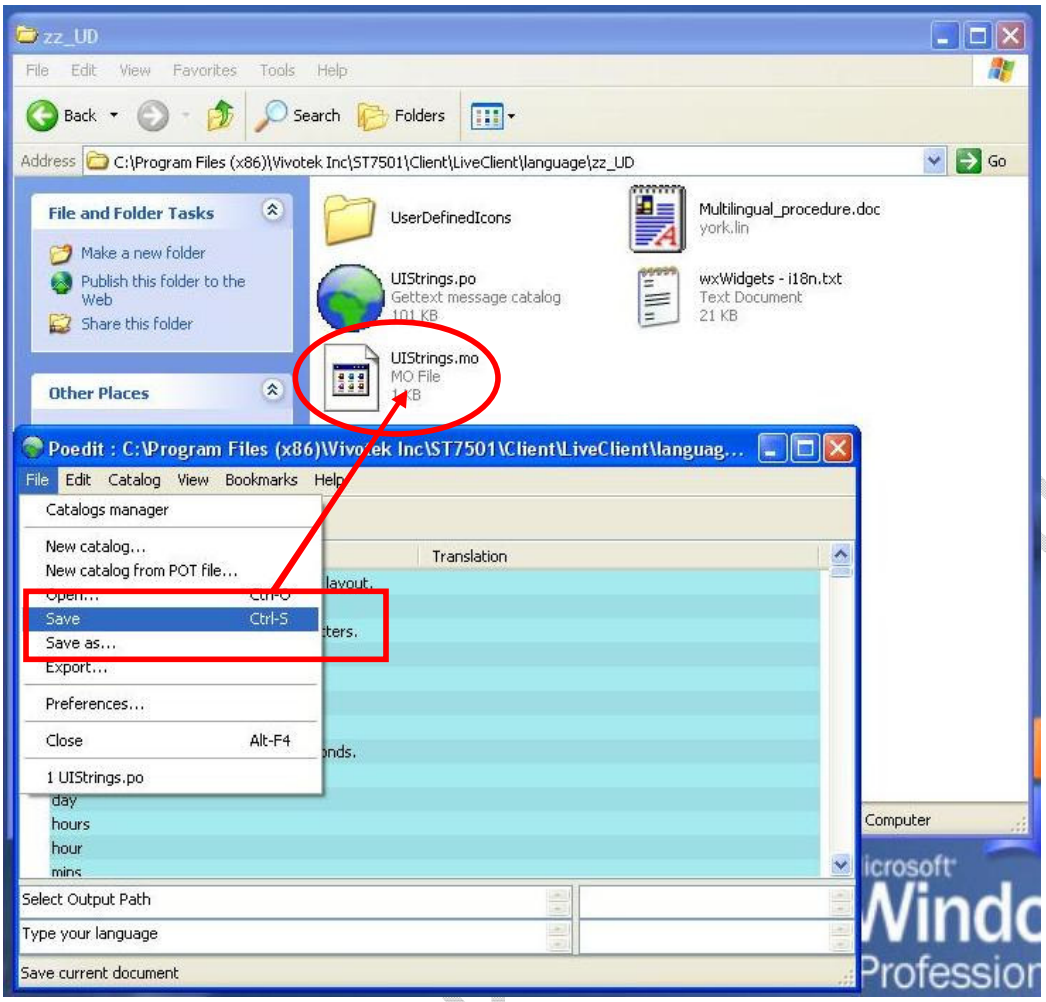


1.2 How to Edit String Files

Use Poedit to open UIStrings.po (You can click on the UIStrings.po file and it will launch Poedit). You will see the original string and its new translation in the "Translation" field. Click each item and you can edit its presentation string in the bottom field. When you are done editing, the content will update in the "Translation" field.



After you have finished editing, save the file for a UIStrings.mo file in the same folder.

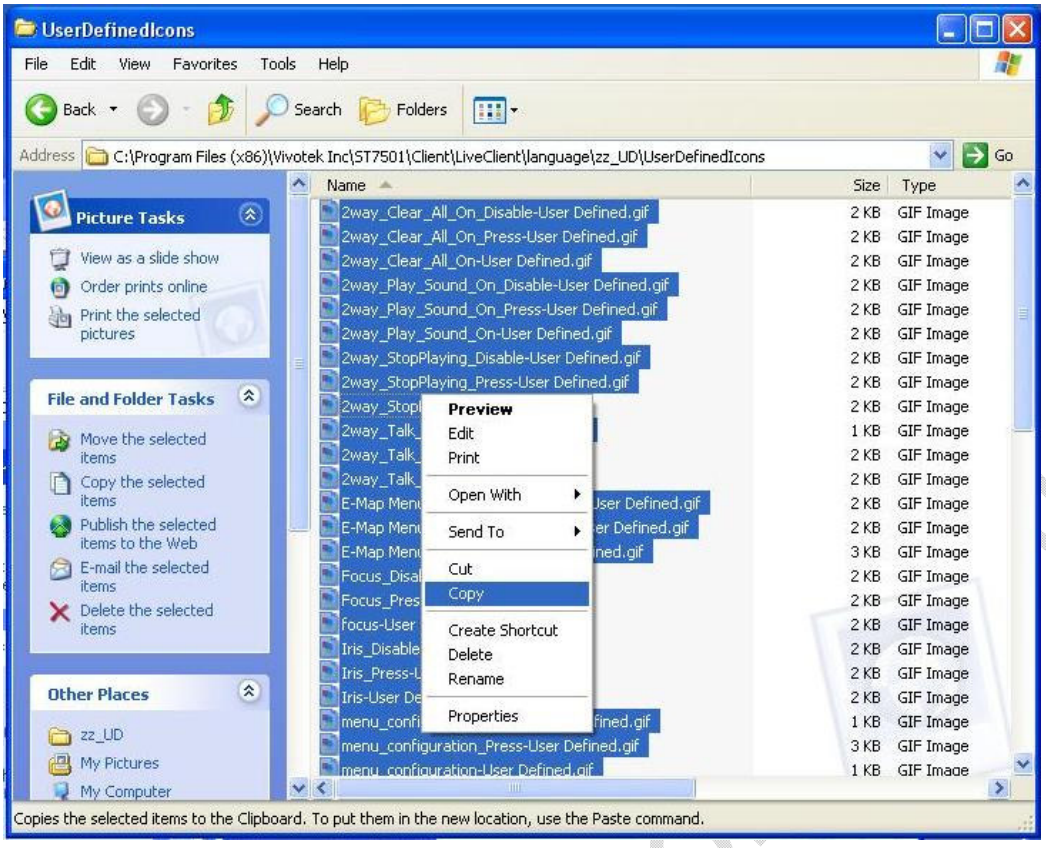


1.3 How to Edit Image Buttons

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 desired.

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 changing all UserDefine buttons, copy all the images in the "C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language\zz_UD\UserDefinedIcons" folder and paste them to the "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
menu_configuration_Press-User Defined.gif 3 KB GIF Image
Copies the selected items to the Clipboard. To put them in the new location, use the Paste command.

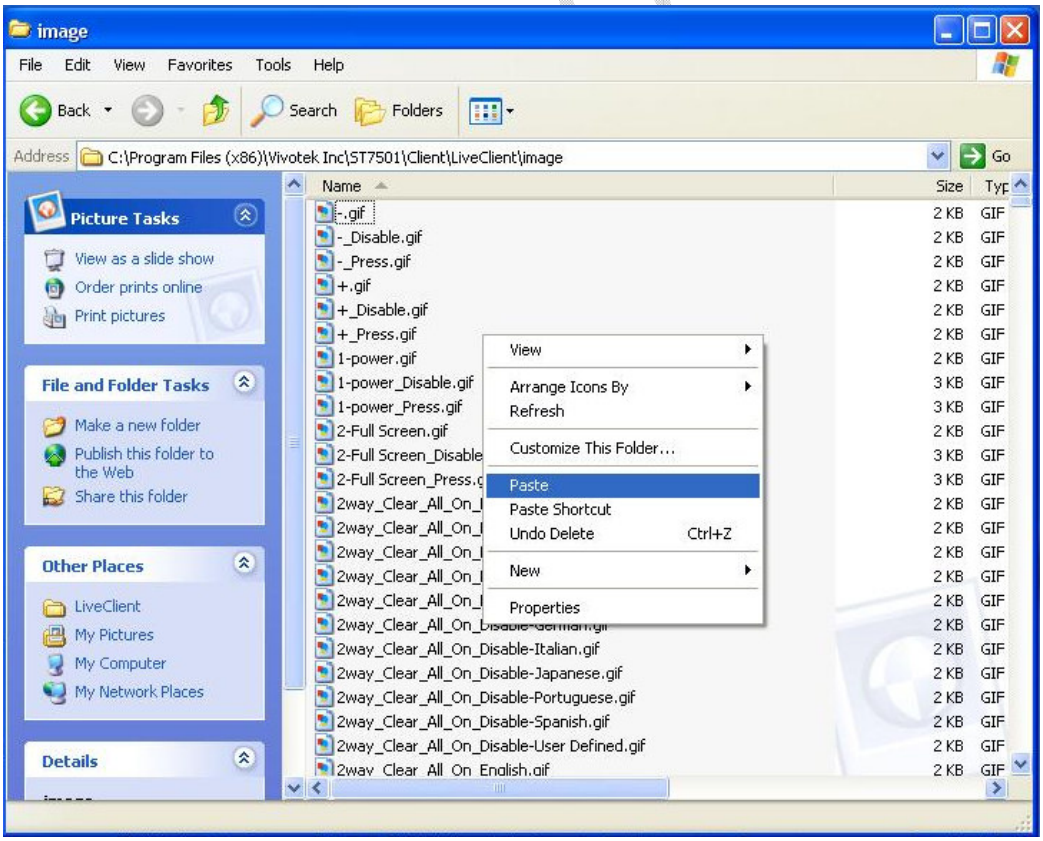
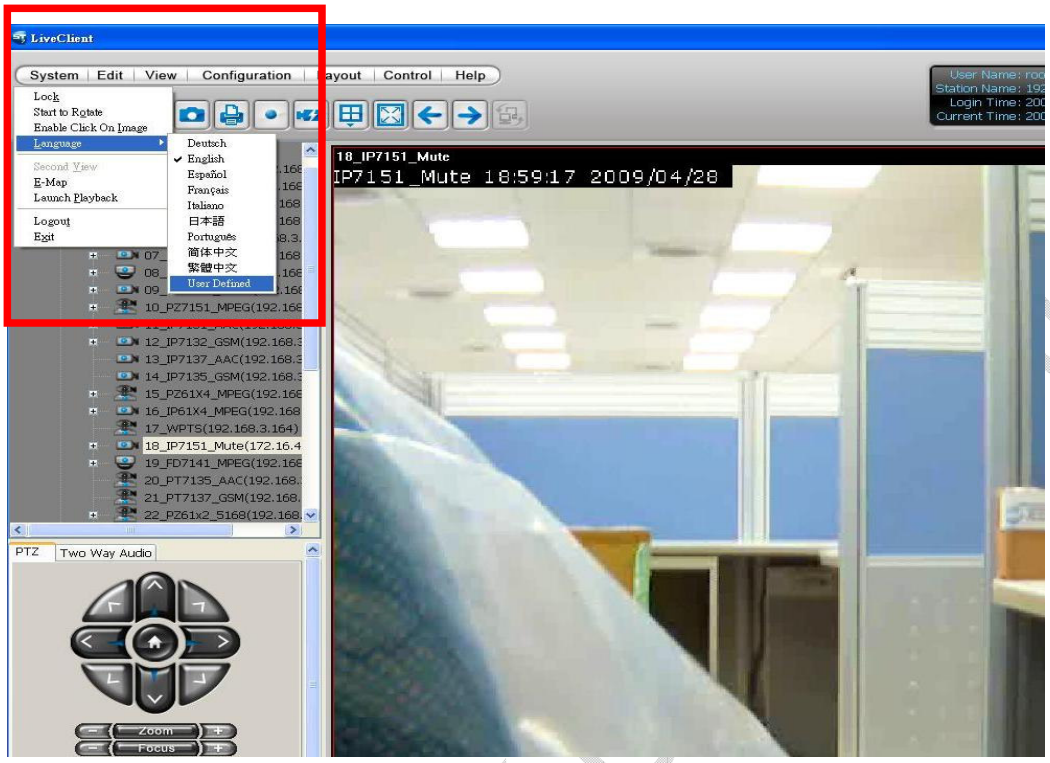


image
File Edit View Favorites Tools Help
Back Search Folders
Address C:\Program Files (x86)\Vivotek Inc\ST7501\Client\LiveClient\image
Go
Picture Tasks
View as a slide show
Order prints online
Print pictures
File and Folder Tasks
Make a new folder
Publish this folder to the Web
Share this folder
Other 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
View
Arrange Icons By
Refresh
Customize This Folder...
Paste
Paste Shortcut
Undo Delete Ctrl+Z
New
Properties
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

1.4 Launch LiveClient

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



1.5 How to Change the Language for Playback

Follow steps 1.1~1.4 and change the string files and image 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”.

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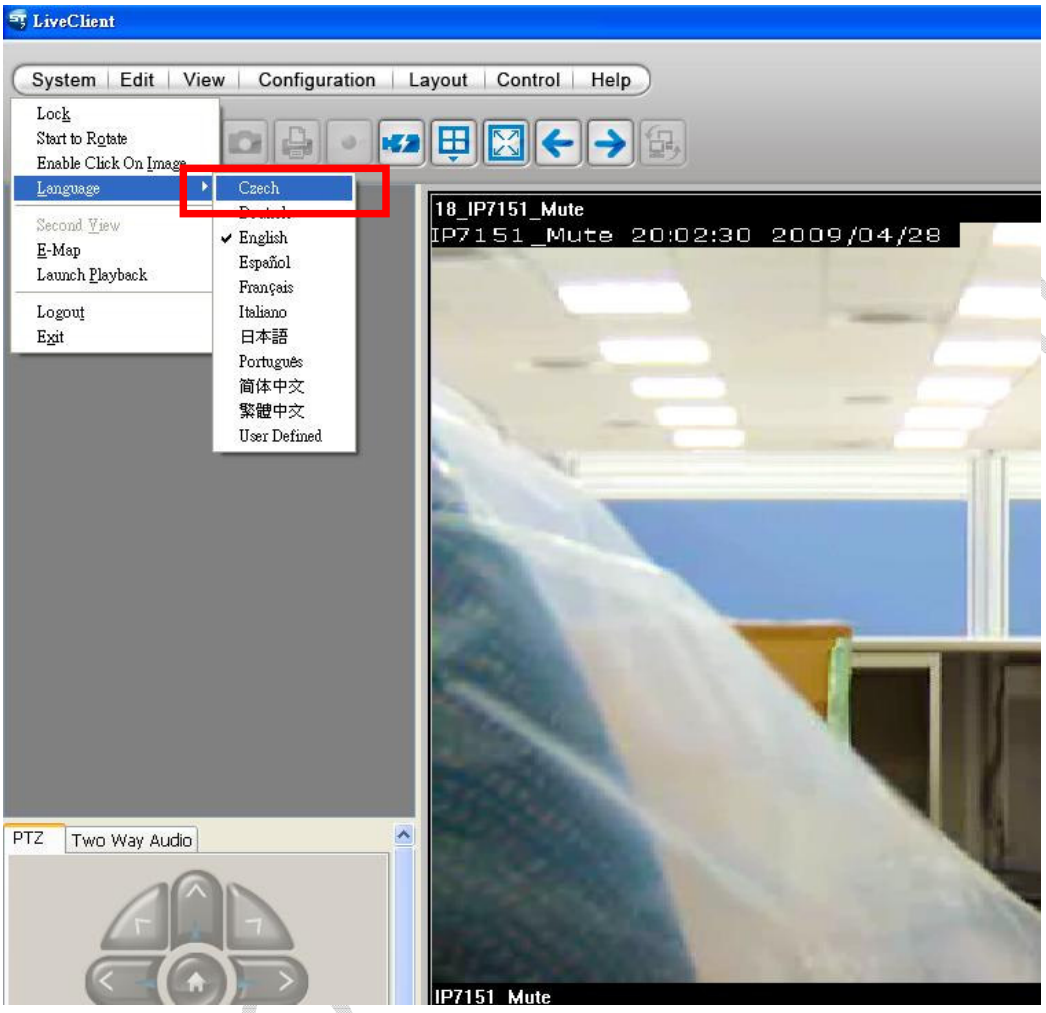
2. How to Add Multilingual Buttons

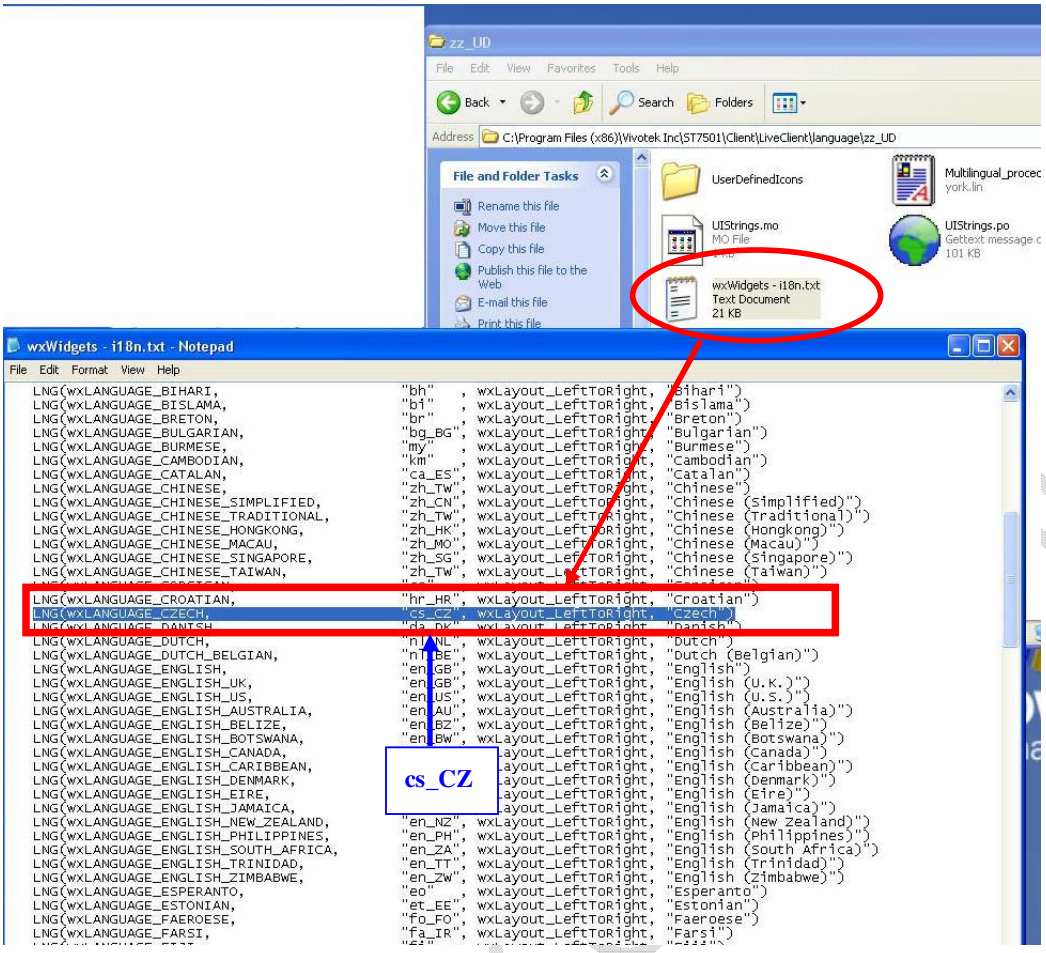
In the ST7501 language choices, you can also add your own language button, which will be shown in this chapter.



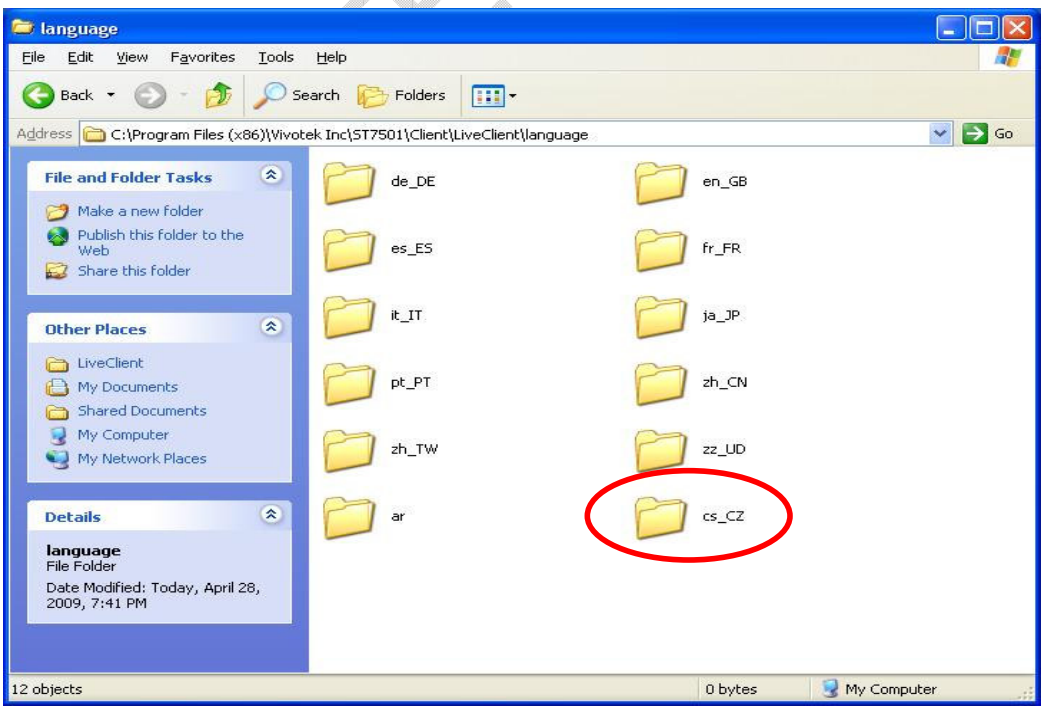
2.1 Create a Corresponding Folder

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

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

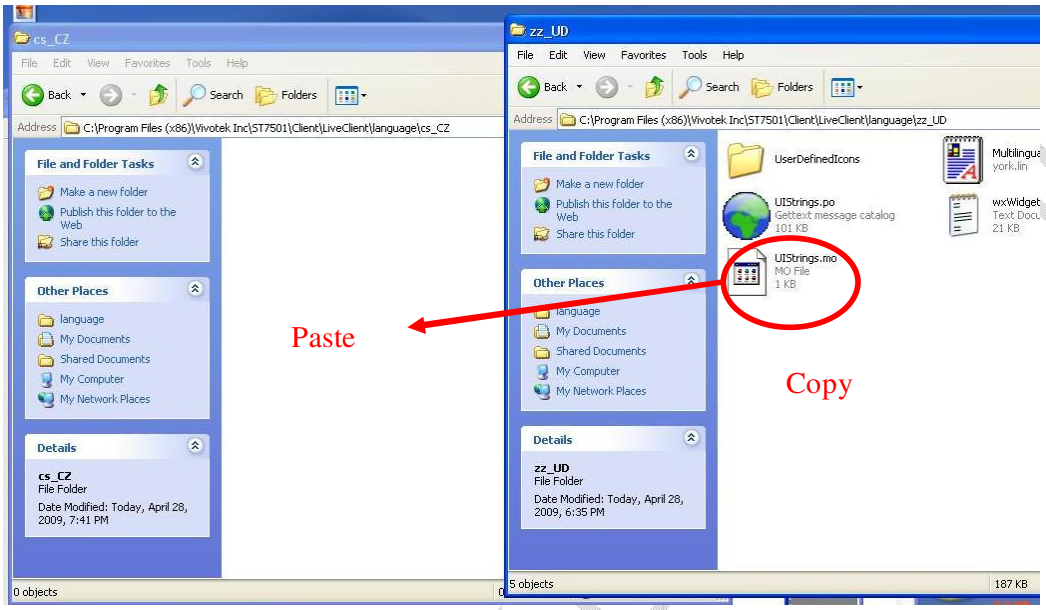


Add a folder as the short name described in i18n.txt corresponding to your language. (example: C:\Program Files\Vivotek Inc\ST7501\Client\LiveClient\language\cs_CZ)



2.2 Add .mo File

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



2.3 Add a Language Button

Steps:

a. Copy “menu_configuration-User Defined.gif “ in “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 your language name from i18n.txt.(example: wxLANGUAGE_CZECH -> Czech)

c. Change the language name to your language after the button name. (example : menu_configuration- Czech.gif)

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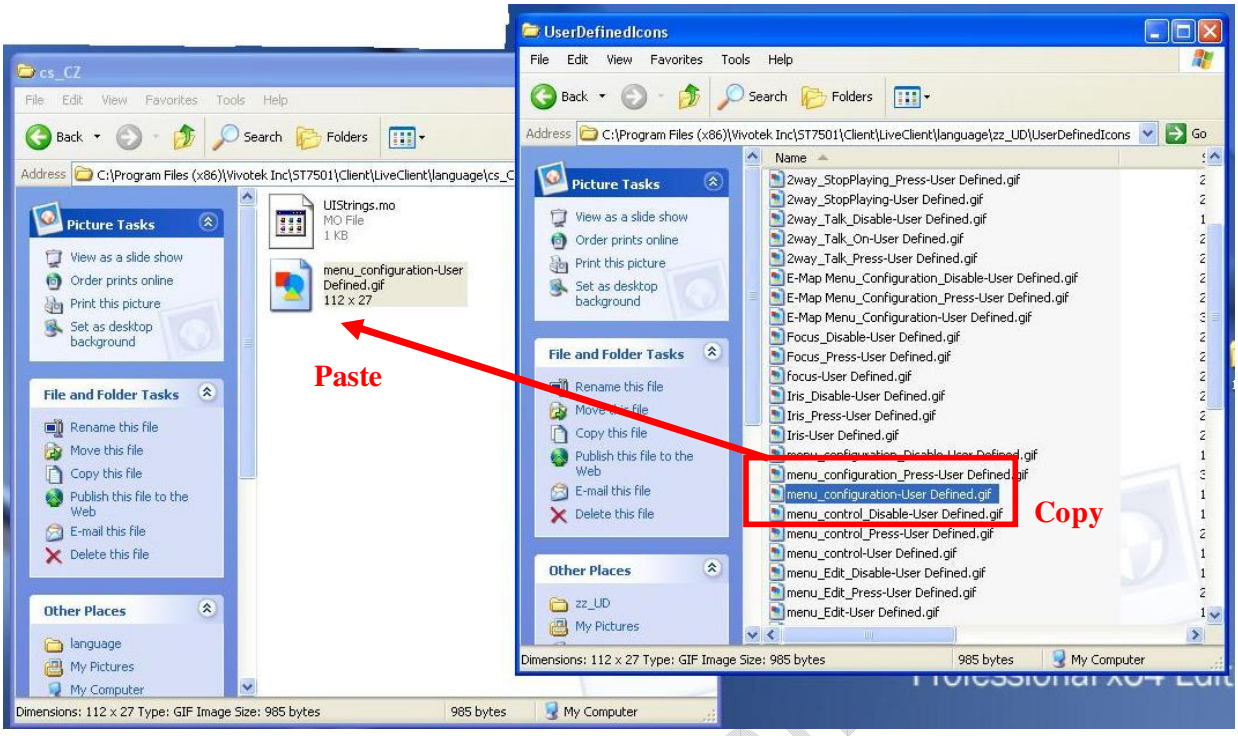
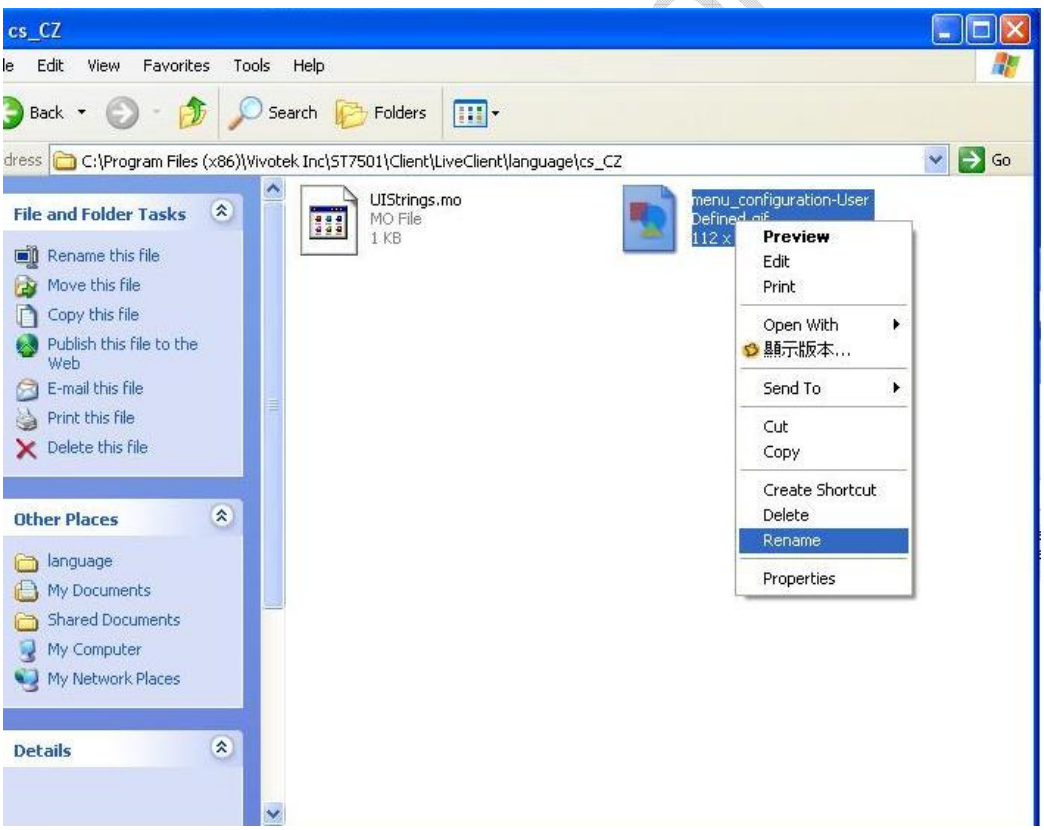
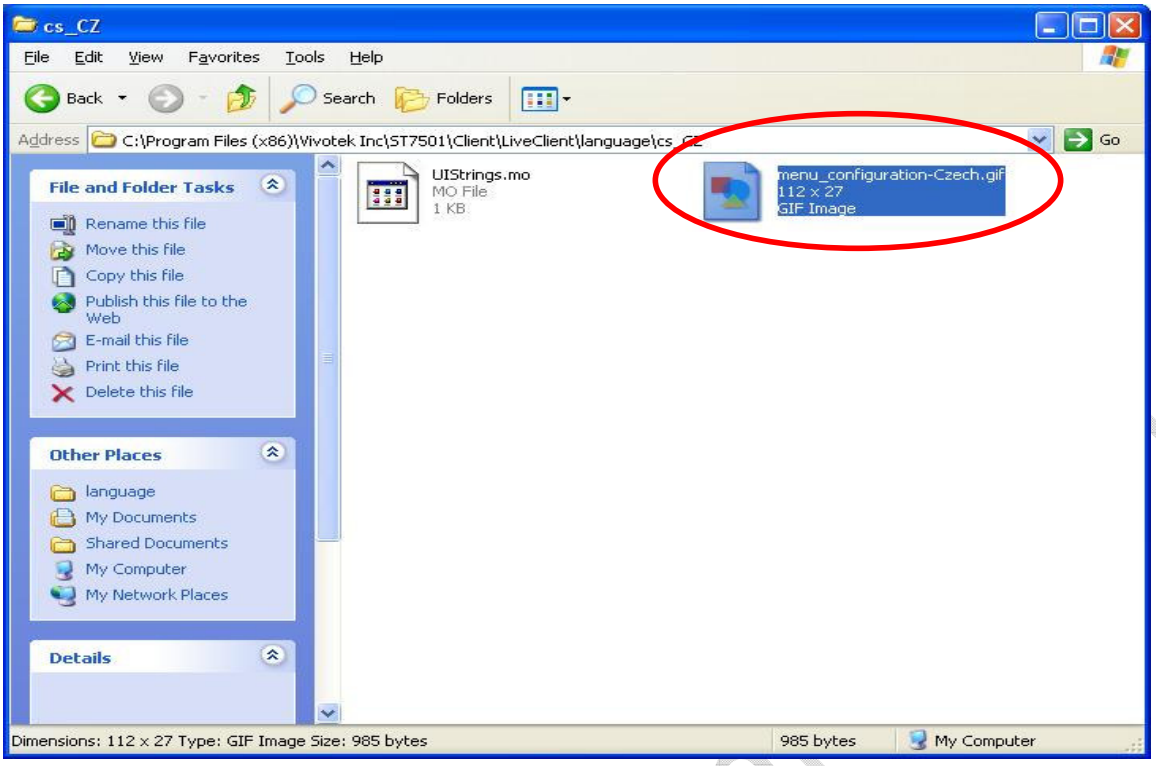
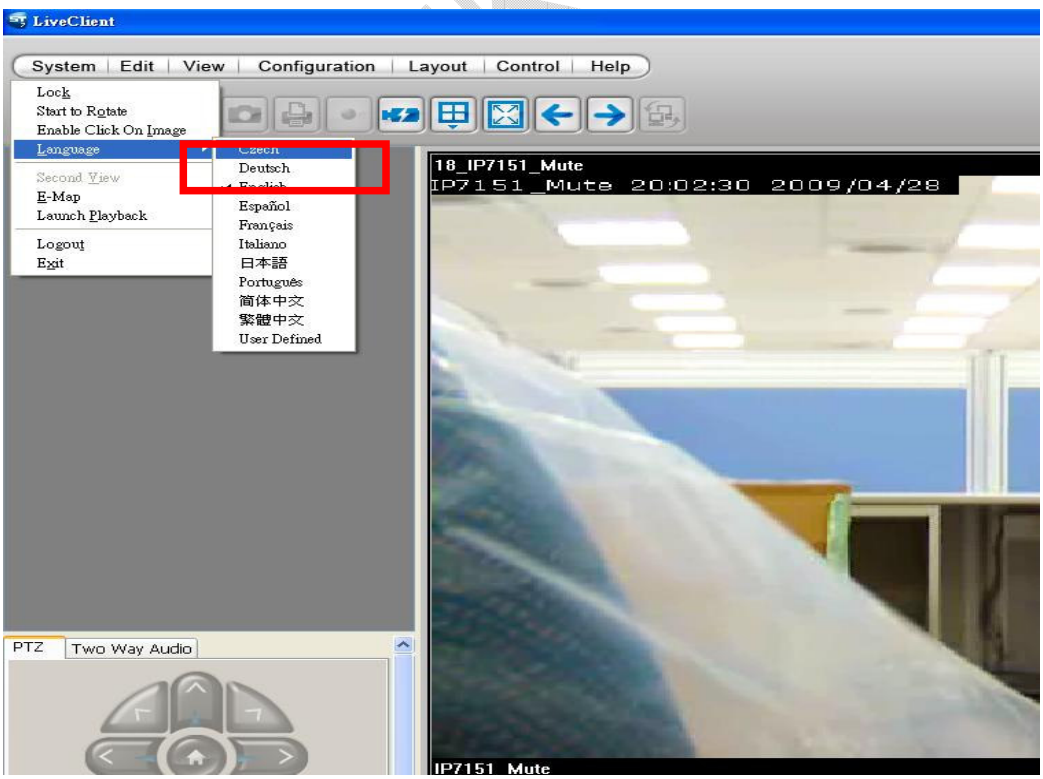

cs_CZ
UserDefinedIcons
Paste
Copy
menu_configuration-User Defined.gif
112 x 27
UIStrings.mo
MO File
1 KB
Picture Tasks
File and Folder Tasks
Other Places
Dimensions: 112 x 27 Type: GIF Image Size: 985 bytes
985 bytes
My Computer


cs_CZ
C:\Program Files (x86)\Vivotek Inc\ST7501\Client\LiveClient\language\cs_CZ
UIStrings.mo
MO File
1 KB
Preview
Edit
Print
Open With
Send To
Cut
Copy
Create Shortcut
Delete
Rename
Properties
File and Folder Tasks
Other Places
Details



2.4 Launch LiveClient

There will be an additional language which can be selected. Select it to use your own language UI.



2.5 How to Add a Language Button for Playback

Follow steps 2.1~2.4 and add the corresponding folder in the default path “C:\Program Files\Vivotek Inc\ST7501\Client\Playback\language” and place “Uistrings.mo” and the language button images in it.

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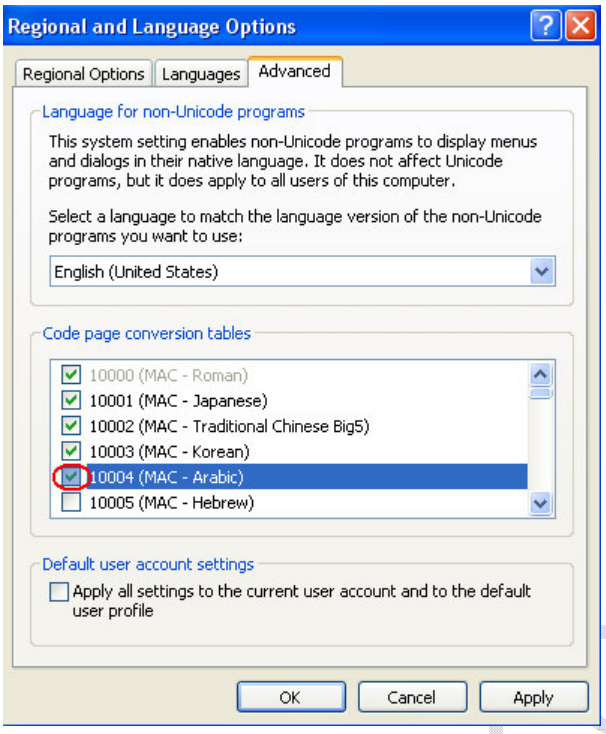
3. Note

If some languages cannot be supported, add your OS' Code Page Conversion Table for the appropriate language. You can set it in Control Panel -> Regional and Language Options.

Ex:



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