

firefox extension : itrans converter

our project is a firefox extension that will convert a selected text into various Indian Languages, for example hindi, tamil, telugu, punjabi etc. The user will select the text, from the browser, which he wishes to convert to an Indian language. Then in the menu that opens on the right click of the mouse he will have an option of converting the selected text into Indian languages. This option being added by the extension that we'll be making.

Now i go on to describe the way we are proceeding with the implimentation of the project. We have divided the project into two blocks.

Block 1 :

This block involves the extension taking the selected text and passing it an a variable to the second block. To impliment such an extension we read the code of the existing extensions of which dictionary search was the one which we went on to modify. At the present stage we have modified it so that it sends the selected itrans text to our website which has php modules to handle it.

Link used for reference are :

http://businesslogs.com/technology/firefox_extension_tutorial.php

http://mesh.typepad.com/blog/firefox_development/

Block 2 :

This part of the implimentation includes a php file that makes an appropriate .itx file depending on the language into which we've to convert the selected text received from the first block. We have installed itrans on a computer which will help us to convert the text into itrans. We have made a shell script that will convert .itx file to .ps, pdf or image file of the converted text. We will try to implement an option for the user to specify in which form he wishes to see the converted text.

Currently faced problem : The php code that we've made to convert the text passed on to it is not able to load fonts from the computer. The script (mentioned above) works fine when executed with an .itx file as an input. But when this is called by the php code then it gives an error that it is unable to load the required fonts.