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Subject: Re: 16 bits wchar

Posted by [cbpporter](#) on Thu, 07 Aug 2008 06:41:42 GMT

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OK, the merge went well and except some issues that I expected, no new ones appeared. New characters can even be inserted and displayed in Qtf, but the way text metrics are handled in Qtf makes it look and behave slightly differently, which suggests that Qtf uses a more manual text layout scheme when compared to other methods of output from U++. I will look into it.

I'm using this text image:

This is pretty much a reference Windows rendering with font Arial 24. First character is CJK, second is 'i', third CJK, fourth CJK from SIP, then CJK again and Latin 'M'.

And here is a side by side comparison in three different applications:

First is OpenOffice, second is Notepad, and third is U++ with a Label and an EditField.

So let me congratulate OpenOffice for completely forgetting to display my SIP character! Not even a black box. But if you try to use cursor to navigate, it will act as if there was an invisible character at that position. Even super beta KOffice for windows which is an unusable piece of software gets it right. And Notepad and Wordpad can handle it, Notepad rendering it all and Wordpad rendering a black box since it takes font specification literally and doesn't seem to do font pooling. Changing font will result in correct display though.

Next is U++. As you can see, the display work fine, except I don't understand why Arial(24) does not look the same as in all other application. It looks smaller , even without font zooming. I need to fix this somehow.

### File Attachments

- 1) [font2.PNG](#), downloaded 1177 times
  - 2) [font.PNG](#), downloaded 1166 times
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