Subject: Re: 16 bits wchar
Posted by mirek on Fri, 08 Aug 2008 16:25:25 GMT
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cbpporter wrote on Fri, 08 August 2008 09:47
Sure, that would be good for start. Even better would be to abstract away such details by using some kind of a string iterator class. Most processing is done by *s++ and similar constructs, and these can be emulated by fast and convenient iterators, which all return 32 bit results when used both with String and WString (and DString, and...).

IMO it just looks like being simple.

Consider only the simple fact that you might want to display the column number in TheIDE

Quote:
And for me personally, using 32 bits is pretty much out of the question for production code, because I have very strict RAM needs and I may be forced to replace String and WString with wchar[3] (not null terminated) for most of my database. I hope it doesn't come to this because that would be a terrible mess...

I think WString in fact should only be used as "transient uncompressed form". Just like it already is everywhere, except EditField.

If you really have very strict memory requirements, using something like ZCompress on UTF-8 String would have superior results anyway...

Hm, OTOH, using only 3 bytes per character in WString perhaps is not that bad idea

Mirek