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Subject: How to setup right sorting in my application?  
Posted by [sergeynikitin](#) on Fri, 06 Aug 2010 19:05:50 GMT  
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After searching on the forum - question is still here.

How to setup my (Russian) alphabet in application to use right sorting sequence in various controls?

I found `LanguageInfo::compare` and `LanguageInfo::getletterindex`, but how to use it?

Please help!!!

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Subject: Re: How to setup right sorting in my application?  
Posted by [mirek](#) on Fri, 13 Aug 2010 09:03:53 GMT  
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sergeynikitin wrote on Fri, 06 August 2010 15:05After searching on the forum - question is still here.

How to setup my (Russian) alphabet in application to use right sorting sequence in various controls?

I found `LanguageInfo::compare` and `LanguageInfo::getletterindex`, but how to use it?

Please help!!!

I am afraid that russian sorting was not implemented yet.

If you could provide the comparison routine, I will gladly add it.

See `CSCZLanguageCompare` in `LangInfo.cpp`.

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Subject: Re: How to setup right sorting in my application?  
Posted by [sergeynikitin](#) on Fri, 13 Aug 2010 19:03:14 GMT  
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Excuse me, but perhaps I was misunderstood.

Could two words to tell how to use the `LanguageInfo::compare` and `LanguageInfo::getletterindex`, what should be their organization and results.

You can quite brief.

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Subject: Re: How to setup right sorting in my application?

Posted by [mirek](#) on Wed, 13 Oct 2010 17:02:38 GMT

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Quite simple:

"compare" - provide the routine that does the correct ordering of two words (c style returns -1: a<b, 0: a==b, 1: a>b).

"getletterindex" - this is quite specific - in czech language (and perhaps others), there is a "composed letter" "ch" which is considered a specific letter when e.g. creating indexes of books (hence the name). More over, some letters with/without diacritical markings are considered the same for index purposes. getletterindex thus returns the "letter" the word belongs to.

To provide your own algorithms, simply GetLanguageInfo for required language, replace compare and or getletterindex functions and us SetLanguageInfo for program-wide replacement. (And then send me your compare function so that I can put it into Core

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Subject: Re: How to setup right sorting in my application?

Posted by [sergeynikitin](#) on Thu, 14 Oct 2010 16:05:21 GMT

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I think I understood the problem sorting Russian values - some Russian characters U++ accepts as numbers.

Is there somewhere a place where I can specify the value of each character in the alphabet (number / letter / special signs)?

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Subject: Re: How to setup right sorting in my application?

Posted by [mirek](#) on Fri, 15 Oct 2010 12:32:57 GMT

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Sure, in compare.

See, you get two words to compare as wchar pointers. All letters are unicode. Compare them using your language rules and you are done...

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Subject: Re: How to setup right sorting in my application?

Posted by [sergeynikitin](#) on Fri, 15 Oct 2010 15:25:32 GMT

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OK. I'll try.

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