Subject: what about decimal-point and thousand-separator?
Posted by nicomesas on Mon, 18 Sep 2006 10:37:24 GMT
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Hey!

At the moment I am testing the system that has U++ to convert the numbers into strings and it disappoints to me that he is not able to use parameters of the language to establish the point decimal and the thousands separator. Or I am not at least able to find how one becomes.

I have found in Core/Lang.cpp that the code tries to load these data of the system, and also are in the class 'LanguageInfo' but unfortunately, they are not being used in any of the functions of type 'AsString' or 'FormatDouble...' that I have found in Core/Format.cpp

This is specially annoying for the data that contain money, since I don't like to see in my language

I will have to write my own functions to do this?

Nico

Subject: Re: what about decimal-point and thousand-separator?
Posted by zsolt on Mon, 18 Sep 2006 10:55:32 GMT
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Currently, the double formatting comes from the operating system.
You can use language specific formatting using strings like "%2!nl". See "Text formatting" in documentation here: http://upp.sourceforge.net/src$Core$Format$en-us.html

Additionally, you can use any formatting and "scanning" in widgets also, see the Convert classes.

Subject: Re: what about decimal-point and thousand-separator?
Posted by mirek on Mon, 18 Sep 2006 10:58:48 GMT
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nicomesas wrote on Mon, 18 September 2006 06:37Hey!

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Nico

Well, these things are still debated. Anyway, in any case I believe that FormatDouble or AsString should yield always the same result, regardless of language settings.

In this moment, the right way how to do this is to use LanguageInfo. There is

const LanguageInfo& GetLanguageInfo();

that returns current system default info; use

virtual String FormatDouble(double value, int digits, int FD_flags = 0, int fill_exp = 0) const;

from its interface. (GetLanguageInfo().FormatDouble()).

Be however warned that some changes here are still possible.

Alternative path is to use "nl" or "vl" in Format.

http://upp.sourceforge.net/src$Core$Format$en-us.html

"nl"/"vl" are better as they will not change in future.

Mirek

Subject: Re: what about decimal-point and thousand-separator?
Posted by nicomesas on Mon, 18 Sep 2006 11:29:29 GMT
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Thanks Mirek and zsolt.

For Spanish money the format can be %[2!]nl

Nico
