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Subject: Error: Invalid UTF-8 sequence when reading txt file from hard disk

Posted by [alex100](#) on Sat, 05 Jul 2008 18:57:05 GMT

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Hi,

I am having troubles reading a text file from disk.

I created the txt file with windows XP (PT) notepad. Then, in a Upp I use the fopen and fgets to read file lines.

When I add the lines read to a ArrayCtrl I cant see the accents. If I try to display it using the Exclamation message box function it displays "ERROR: Invalid UTF-8 sequence".

Any doc to read about how U++ handles different char sets?

Any help would be appreciated.

Thank you,

Alex

Env:Win XP (PT), U++ 2007.1

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Subject: Re: Error: Invalid UTF-8 sequence when reading txt file from hard disk

Posted by [Mindtraveller](#) on Sun, 06 Jul 2008 07:10:00 GMT

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1. Are you shure it is really a UTF-8 text? If not, better test it in some UTF-8 capable viewer.
  2. Did you switch application charset to UTF-8 by calling SetDefaultCharset(CHARSET\_UTF8); ? U++ should know the text labels you use are in UTF-8.
  3. It would be easier to help when we see your code where you load and show these strings.
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Subject: Re: Error: Invalid UTF-8 sequence when reading txt file from hard disk

Posted by [alex100](#) on Sun, 06 Jul 2008 09:02:23 GMT

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But, does u++ just deals with UTF-8? Is UTF-8 the default charset when noting is configured ?

Alex

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Subject: Re: Error: Invalid UTF-8 sequence when reading txt file from hard disk

Posted by [Mindtraveller](#) on Sun, 06 Jul 2008 21:18:59 GMT

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alex100 wrote on Sun, 06 July 2008 13:02But, does u++ just deals with UTF-8? Is UTF-8 the default charset when noting is configured ?

1) It does

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2) Sorry, I don't remember exactly. May be not, default could be EN-US, or something like that. Besides, calling 1 operator at program start doesn't look like a great deal of configuring. Does it?

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Subject: Re: Error: Invalid UTF-8 sequence when reading txt file from hard disk  
Posted by [mr\\_ped](#) on Mon, 07 Jul 2008 08:13:30 GMT

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I think UPP default is not UTF-8 in Windows, and I'm not sure about Ubuntu.  
I wouldn't care about default setting anyway, just set it up by hard way and forget about it.

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Subject: Re: Error: Invalid UTF-8 sequence when reading txt file from hard disk  
Posted by [mirek](#) on Mon, 07 Jul 2008 09:38:40 GMT

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alex100 wrote on Sat, 05 July 2008 14:57

If I try to display it using the Exclamation message box function it displays "ERROR: Invalid UTF-8 sequence".

The problem most likely is that UTF-8 is default encoding of QTF texts. If you submit a text without explicit encoding enforced via QTF commands, parser expects UTF-8.

Note that QTF encoding is different (has to be!) from default application encoding.

Mirek

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