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Subject: UTF8 chars problems from from Linux to Windows

Posted by [mdelfede](#) on Wed, 10 Mar 2010 21:25:52 GMT

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Could somebody please test how does this layout look, both on Linux and on windows ?

```
LAYOUT(DANFeLayout, 276, 104)
```

```
ITEM(EditCoeffs, gammaM0, LeftPosZ(52, 56).TopPosZ(32, 19))
```

```
ITEM(EditCoeffs, gammaM1, LeftPosZ(52, 56).TopPosZ(56, 19))
```

```
ITEM(EditCoeffs, gammaM2, LeftPosZ(52, 56).TopPosZ(80, 19))
```

```
:").SetFont(StdFontZ(14).Bold()).LeftPosZ(4, 268).TopPosZ(4, 19))
```

```
END_LAYOUT
```

spaces.... And MANY other chars gets scrambled. Encoding is UTF8 on both sides.

Ciao

Max

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Subject: Re: UTF8 chars problems from from Linux to Windows

Posted by [mdelfede](#) on Sat, 13 Mar 2010 21:53:51 GMT

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Well, I discovered that in no way this 'gamma' letter can be passed to windows... Maybe it doesn't exist on its charsets.

Replacing it with another 'simil-gamma' found on windows did the trick.

Btw, the other 'big' problem in my app was `GetSystemLNG()`, which returns not only the language but also the active charmap :

```
lang = GetSystemLNG();  
String langStr = LNGAsText(lang);
```

lang is 18141492 and langStr is "IT-IT windows-1252" in my machine.

Not sure about but, doing

```
SetLanguage(lang);
```

seems to activate both italian language AND 1252 codepage, making all UTF8 chars in app to disappear and/or be scrambled.

The solution was :

```
lang = GetSystemLNG();  
String langStr = LNGAsText(lang).Left(5);  
lang = LNGFromText(langStr);  
SetLanguage(lang);
```

stripping so the codepage from language string and reconvertig to integer, which in my machine gives lang=315700 and langStr="IT-IT" and allows UTF8 chars to behave as usual.

Note that this problem arose just on windows; on Linux it was all ok.

Ciao

Max

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Subject: Re: UTF8 chars problems from from Linux to Windows  
Posted by [Zbych](#) on Sun, 14 Mar 2010 21:35:19 GMT

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mdelfede wrote on Sat, 13 March 2010 22:53

The solution was :

```
lang = GetSystemLNG();  
String langStr = LNGAsText(lang).Left(5);  
lang = LNGFromText(langStr);  
SetLanguage(lang);
```

Hi,

I use something like this:

```
SetLanguage( SetLNGCharset( GetSystemLNG(), CHARSET_UTF8 ) );
```

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Subject: Re: UTF8 chars problems from from Linux to Windows

Posted by [mdelfede](#) on Mon, 15 Mar 2010 18:53:45 GMT

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Thank you Zbych, yours way seems better

Ciao

Max

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