Subject: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Tue, 26 May 2009 09:42:03 GMT
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Upp for linux have some Chinese Font display problem,Codeeditor can't display Chinese,even set to UTF8. As follow:

LineEdit widget also have that problem. When font set to Chinese font,text style is sparse and ugly.I fixed it

File Attachments

1) fixbefor.png, downloaded 1235 times

```
#include <CtrlLib/CtrlLib.h>
using namespace Upp;

GUI_APP_MAIN
{
    TopWindow chinese;
    chinese.Title("□ □ □ □");//□ □ □ □ □ □ □ □
    chinese.Run();          //□ □ □ □ □ □ □ □ □ □ □ □ □ □ aaa,adf□ □ □
}
```

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Tue, 26 May 2009 09:45:44 GMT
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Attachment is patch

File Attachments

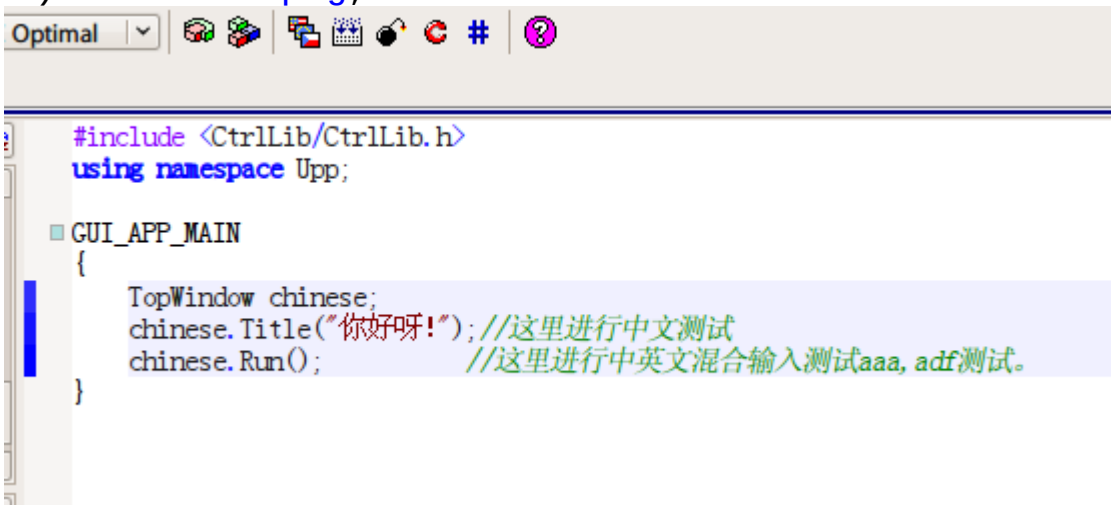
1) patch.zip, downloaded 433 times

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Tue, 26 May 2009 09:47:51 GMT
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For fixed display:

File Attachments

1) fixafter.png, downloaded 1169 times



Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by cbpporter on Tue, 26 May 2009 09:53:45 GMT
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to be rendered properly? I can see from your screenshot that you are under Linux.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Tue, 26 May 2009 10:05:08 GMT
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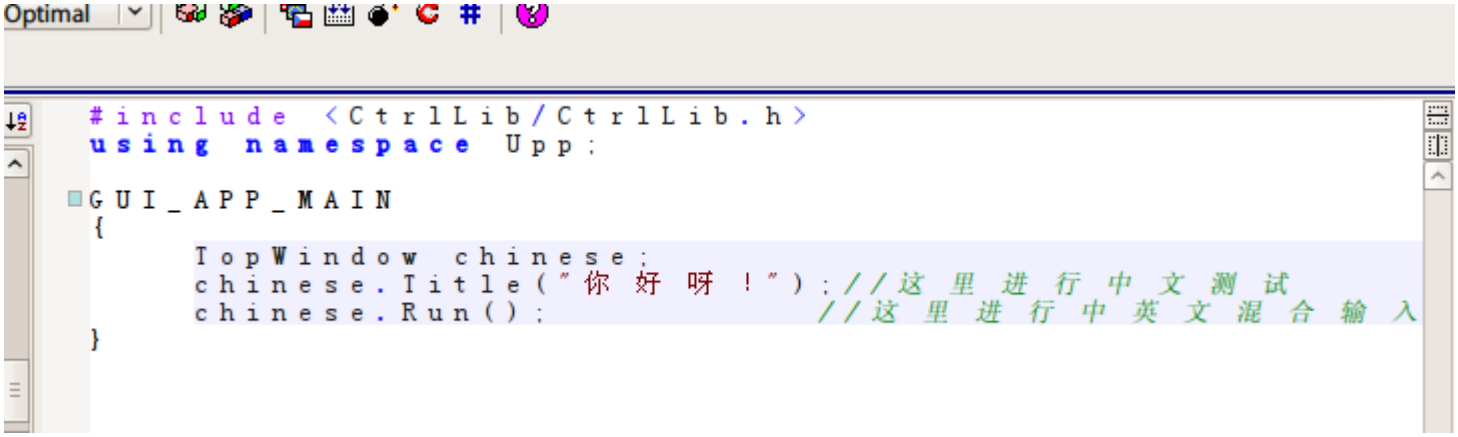
cbpporter wrote on Tue, 26 May 2009 11:53If you change the font to a font that has Chinese

screenshot that you are under Linux.
I'm sorry,my english is very poor! I don't complete understand what you mean.When I set Lineedit to Chinese font,it can't render perfect.So I fix it.

LineEdit fix before,it like this:

File Attachments

1) changfont.png, downloaded 1112 times



Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by cbpporter on Tue, 26 May 2009 10:08:58 GMT
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Could you give the names of the fonts you are experiencing problems with?

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Tue, 26 May 2009 10:18:07 GMT
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Now it's hasn't display problem. before fix, all non-FIXEDPITCH font can't perfect display. style is sparse and ugly.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Sat, 30 May 2009 07:00:11 GMT
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gxl117 wrote on Tue, 26 May 2009 06:18Now it's hasn't display problem. before fix, all non-FIXEDPITCH font can't perfect display. style is sparse and ugly.

Actually, before fix, only monospaced fonts (FIXEDPITCH) are allowed in LineEdit. Your fix basically seems to

- allow variable spaced fonts in CodeEditor
- if font is variable-spaced, use only half the width of average (perhaps quite OK if there is a lot of CJK ideograms in the font)

I am not sure this fix is correct, e.g. it will allow you to use "Arial" (in Win32) and then the result will be very bad...

I second the question:

Please, list the font

- you had problem with
- you are using now

As an alternative fix, maybe you could try:

```
Size LineEdit::GetFontSize() const {
 FontInfo fi = font.Info();
return Size(max(fi['M'], fi['W']), fi.GetHeight());
}
```

Mirek

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sat, 30 May 2009 08:21:09 GMT
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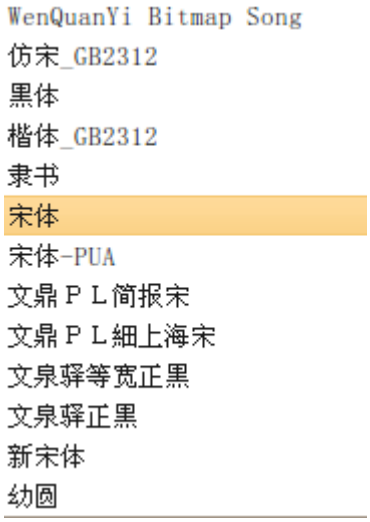
Yes,I don't test that fix for Windows.actual even for ubuntu, when use LiHei Pro font,codeedit have problem yet.but most case it's OK.
fix before,codeedit can't display Chinese character.
if codeedit allow variable spaced fonts,all variable-spaced fonts is sparse and ugly. font list:

and LiHei Pro font.
I now using highlighting font in above list;

copy from Windows xp for Chinese version and Mac for Chinese version.
I don't know your system can display Chinese,So I use the picture to display the font list for you.

File Attachments

1) Screenshot-1.png, downloaded 1341 times



Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Sat, 30 May 2009 13:27:50 GMT
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Do I understand well that using my proposed patch fixed most of your problems?

Mirek

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sat, 30 May 2009 13:48:07 GMT
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Yes,your patch is OK.But LiHei pro font still is sparse!

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sat, 30 May 2009 23:57:33 GMT
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I see LineEdit is fixed in SVN,But ide setup don't fix yet.Codeedit still can't display Chinese font.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Sun, 31 May 2009 11:50:31 GMT
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It only gets rebuild in the night.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sun, 31 May 2009 12:23:29 GMT
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Thank your reply!
This bug,Have you any ideas?
http://www.ultimatepp.org/forum/index.php?t=msg&th=4423& amp;start=0&

I try fix it in the Assist.cpp,but that goes beyond my abilities.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sun, 31 May 2009 15:05:38 GMT
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I have noticed that you do not modify uppsrc/ide/Setup.cpp.So theide is still not be able to choose variable width fonts for display Chinese.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Sun, 31 May 2009 20:02:05 GMT
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gxl117 wrote on Sun, 31 May 2009 08:23Thank your reply!
This bug,Have you any ideas?
http://www.ultimatepp.org/forum/index.php?t=msg&th=4423& amp; amp;start=0&

I try fix it in the Assist.cpp,but that goes beyond my abilities.

Well, I am getting my nerves ready to deal with SCIM I suppose it will be tough battle.

My guess is that fix has to be done in CtrlCore, not in Assist.cpp.

Mirek

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Sun, 31 May 2009 20:02:40 GMT
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gxl117 wrote on Sun, 31 May 2009 11:05I have noticed that you do not modify uppsrc/ide/Setup.cpp.So theide is still not be able to choose variable width fonts for display Chinese.

But LineEdit is indeed only capable of dealing with fixed-width fonts...

Mirek

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sun, 31 May 2009 23:06:43 GMT
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luzr wrote on Sun, 31 May 2009 22:02

Well, I am getting my nerves ready to deal with SCIM I suppose it will be tough battle.

My guess is that fix has to be done in CtrlCore, not in Assist.cpp.

Mirek
  But this bug has nothing to do with SCIM.It is theide bug for itself. when use mouse select text,if codetip occur,mouse can't continue to select text.That bug is very easy to reproduce.

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Sun, 31 May 2009 23:13:17 GMT
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luzr wrote on Sun, 31 May 2009 22:02gxl117 wrote on Sun, 31 May 2009 11:05I have noticed that you do not modify uppsrc/ide/Setup.cpp.So theide is still not be able to choose variable width fonts for display Chinese.

But LineEdit is indeed only capable of dealing with fixed-width fonts...

Mirek
After fix Lineedit,it can display variable-width fonts.if theide can't set codeedit to use variable-width font,it will can not display any Chinese characters.Because that haven't fixed-width Chinese font for Linux
I how to use chinese for upp?

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Mon, 01 Jun 2009 06:48:35 GMT
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gxl117 wrote on Sun, 31 May 2009 19:13luzr wrote on Sun, 31 May 2009 22:02gxl117 wrote on Sun, 31 May 2009 11:05I have noticed that you do not modify uppsrc/ide/Setup.cpp.So theide is still not be able to choose variable width fonts for display Chinese.

But LineEdit is indeed only capable of dealing with fixed-width fonts...

Mirek
After fix Lineedit,it can display variable-width fonts.if theide can't set codeedit to use variable-width font,it will can not display any Chinese characters.Because that haven't fixed-width Chinese font for Linux
I how to use chinese for upp?

OK, I guess we will have to do something with it....

Mirek

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by mirek on Mon, 01 Jun 2009 07:29:09 GMT
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OK, variable width fonts now allowed... (after the separator).

Mirek

Subject: Re: Theide and LineEdit fix for Chinese font display.
Posted by gxl117 on Mon, 01 Jun 2009 09:46:41 GMT
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Thank you, now it works well.
However, the mouse select text problem still exists.
