Subject: How to construct RichText without using QTF?
Posted by Novo on Tue, 08 Sep 2009 04:15:49 GMT
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I'd like to develop a parser, which should construct a RichText object. It is supposed to be similar to ParseQtf. ParseQtf seems to be not very self explanatory.

Is there a simple example, which explains basic steps of RichText construction?

TIA

Subject: Re: How to construct RichText without using QTF?
Posted by mirek on Thu, 10 Sep 2009 12:31:04 GMT
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TIA

ParseQtf and ParseRTF

Maybe suggest what should the example do and I can provide it....

Mirek

Subject: Re: How to construct RichText without using QTF?
Posted by Novo on Sat, 12 Sep 2009 16:40:29 GMT
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luzr wrote on Thu, 10 September 2009 08:31Novo wrote on Tue, 08 September 2009 00:15I'd like to develop a parser, which should construct a RichText object. It is supposed to be similar to ParseQtf. ParseQtf seems to be not very self explanatory.

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ParseQtf and ParseRTF

Maybe suggest what should the example do and I can provide it....

Mirek

It would be nice to have an example, which produces output similar to http://www.ultimatepp.org/reference$Qtf.html.

It is not clear to me how to add a new line, for example ...

It would be nice to have explanation of relatinship among RichText, RichPara, and RichTextObject.

Actually, I tried to Cat() text into RichPara, and Cat() this RichPara into RichText after that. As a result, different pieces of text seem to overlap. Probably, this happens because my text contains characters, which are treated as control characters when RichText gets converted into string to be passed to RichTextView ...

TIA

Subject: Re: How to construct RichText without using QTF?
Posted by mirek on Thu, 17 Sep 2009 15:29:09 GMT
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Novo wrote on Sat, 12 September 2009 12:40luzr wrote on Thu, 10 September 2009 08:31Novo wrote on Tue, 08 September 2009 00:15I'd like to develop a parser, which should construct a RichText object. It is supposed to be similar to ParseQtf. ParseQtf seems to be not very self explanatory.

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ParseQtf and ParseRTF

Maybe suggest what should the example do and I can provide it....

Mirek

It would be nice to have an example, which produces output similar to http://www.ultimatepp.org/reference$Qtf.html.

Uh oh, that is quite long...

Quote:
It is not clear to me how to add a new line, for example ...

Need to add new paragraph (RichPara).

OK, I will try to prepare something tonight...

Mirek

Subject: Re: How to construct RichText without using QTF?
Posted by mirek on Thu, 17 Sep 2009 17:36:18 GMT
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reference/RawRichText:

```
#include <CtrlLib/CtrlLib.h>

using namespace Upp;

GUI_APP_MAIN
{
 RichText txt;
 {
  RichPara para;
  RichPara::CharFormat fmt;
  (Font&)fmt = Serif(100);
  para.Cat("Hello world!", fmt);
  txt.Cat(para);
 }
 {
  RichPara para;
  {
   RichPara::CharFormat fmt;
   (Font&)fmt = Monospace(150).Bold();
   fmt.ink = Red;
   fmt.capitals = true;
   para.Cat("Monospace-bold-red-capitals, ", fmt);
  }
  {
   RichPara::CharFormat fmt;
   (Font&)fmt = SansSerif(100);
   fmt.link = "http://www.ultimatepp.org";
   para.Cat("This is some link", fmt);
  }
  txt.Cat(para);
```

```
 }
 {
  RichPara para;
  RichPara::CharFormat fmt;
  para.format.align = ALIGN_CENTER;
  para.Cat("Centered", fmt);
  txt.Cat(para);
 }
 {
  RichPara para;
  RichPara::CharFormat fmt;
  para.format.before = 100;
  para.format.lm = 300;
  para.Cat("Before and left margin", fmt);
  txt.Cat(para);
 }
 {
  RichPara para;
  RichPara::CharFormat fmt;
  RichObject obj = CreatePNGObject(CtrlImg::exclamation(), 200, 200);
  para.Cat("Object: ", fmt);
  para.Cat(obj, fmt);
  txt.Cat(para);
 }
 {
  RichTable table;
  table.AddColumn(1);
  table.AddColumn(1);
  for(int i = 0; i < 3; i++)
   for(int j = 0; j < 2; j++) {
    RichText celltext;
    RichPara para;
    RichPara::CharFormat fmt;
    para.Cat(AsString(i) + ':' + AsString(j), fmt);
    celltext.Cat(para);
    table.SetPick(i, j, celltext);
   }
  txt.CatPick(table);
 }

 RichTextView view;
 view.Pick(txt);
 TopWindow win;
 win.Add(view.SizePos());
 win.Run();
}
```

Subject: Re: How to construct RichText without using QTF?
Posted by Novo on Sat, 19 Sep 2009 02:28:40 GMT
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Thanks a lot!