
Subject: Re: How To Find/Replace on RichEditWithToolBar

Posted by [mirek](#) on Mon, 30 Jun 2008 16:53:52 GMT

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alex100 wrote on Mon, 30 June 2008 05:34Hi,

Suppose I have a database with some customers and I want to send a letter to all of them, for instance.

I was planning to write some document using the word processor (sample) that comes with Ultimate++. Suppose this document:

Customer name: <NNNNNN>

Customer id: <iiiiii>

Customer adress: <D1D1D1D1>

<D2D2D2D2>

<D2D2D2D2>

<D3D3D3D3>

Dear <NNNNNN>

Congratulation for blablabla

blablabla

...

Then when I choose "send letter to customers main menu"

I would like to open a dialog with a RichEdit widget that automatically opens the document above and also the database. Then for each customer it finds its details and replaces the tags

<

<NNNNNN>

<iiiiii>

<D1D1D1D1>

<D2D2D2D2>

<D2D2D2D2>

<D3D3D3D3>

accordingly and prints a letter for each customer.

It that what I am trying to do.

Any ideas?

Many thanks

Alex

Sure, I am doing something very similar, if a bit advanced, all the time.

Anyway, I do not believe you need that dialog for this. Just tak RichText, scan it and replace what you need

OK, my method is a bit different, as I am (mis)using index entries to mark parts of document that are about to be replaced.

Anyway, for the inspiration, the heart of the code goes like this:

```
RichTxt Expand(const RichTxt& text, const RichStyles& styles,
               const VectorMap<String, NamedText>& map)
{
    RichText r;
    NamedText deftext;
    deftext.text = "*****";
    for(int i = 0; i < text.GetPartCount(); i++) {
        if(text.IsPara(i)) {
            RichPara para = text.Get(i, styles);
            RichPara rpara;
            rpara.format = para.format;
            for(int j = 0; j < para.GetCount(); j++) {
                const RichPara::Part& p = para[j];
                if(IsNull(p.format.indexentry))
                    rpara.part.Add(p);
                else {
                    StringBuffer t;
                    String d = map.Get(p.format.indexentry.ToString(), deftext).text;
                    t << "[%CS-CZI" << p.format.indexentry.ToString() << "; " << d << "];";
                    RichText txt = ParseQTF(t);
                    if((txt.GetPartCount() > 1 || txt.GetPartCount() > 0 && txt.IsTable(0))
                       && rpara.GetCount() == 0) {
                        for(int i = 0; i < txt.GetPartCount(); i++)
                            if(txt.IsPara(i))
                                r.Cat(txt.Get(i));
                            else {
                                RichTable tab(txt.GetTable(i), 1);
                                r.CatPick(tab);
                            }
                        goto norpara;
                    }
                    else
                        if(txt.GetPartCount() && txt.IsPara(0)) {
                            RichPara par = txt.Get(0);
                            for(int j = 0; j < par.GetCount(); j++) {
```

```

        rpara.part.Add(par[j]);
        rpara.part.Top().format = p.format;
    }
}
}
}
r.Cat(rpara);
norpara.;
}
else {
    RichTable tab(text.GetTable(i), 1);
    Size sz = tab.GetSize();
    for(int q = 0; q < sz.cy; q++)
        for(int j = 0; j < sz.cx; j++) {
            RichTxt h = Expand(tab.Get(q, j), styles, map);
            tab.SetPick(q, j, h);
        }
    r.CatPick(tab);
}
}
return r;
}

```

```

RichText Expand(const char *qtf, const VectorMap<String, NamedText>& map)
{
    RichText text = ParseQTF(qtf);
    RichStyles styles;
    styles <=<= text.GetStyles();
    return RichText(Expand(text, styles, map), styles);
}

```