
Subject: QTF to ODF (Open Document Format) converter

Posted by [Oblivion](#) on Mon, 29 Dec 2014 13:48:16 GMT

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Hello guys,

I use Open Document Format (odf) files daily, and I thought it might be a good idea to write a qtf to odf (and vice versa) converter.

I am well versed in ODF but not experienced with U++ RichText package's internals. I would like to ask you a question:

I don't want to duplicate code, and lose time, if it is unnecessary, so, is it possible to use RichText class and ParseQTF() directly for this purpose?

Or is there already a such qtf->odf converter package/function that I might have missed? All I need is a parser that can build a structure from a qtf text, so that I can convert it into a ODF file.

Regards,
Oblivion.

Subject: Re: QTF to ODF (Open Document Format) converter

Posted by [Didier](#) on Tue, 30 Dec 2014 15:13:40 GMT

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Hi Oblivion,

AFAIK, there is no QTF->ODF conversion code, but you can convert QTF to the following formats very easily:

PDF HTML RTF

Maybe QTF->RTF is what you need (although RTF->QTF does not exist) since QTF is quite simple and can't do all that ODF or even RTF does.

QTF->RTF has a few bugs with text and table colors but works quite well otherwise

Subject: Re: QTF to ODF (Open Document Format) converter

Posted by [Oblivion](#) on Tue, 30 Dec 2014 20:01:50 GMT

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Quote:

Hi Oblivion,

AFAIK, there is no QTF->ODF conversion code, but you can convert QTF to the following formats very easily:

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HTML
RTF

Maybe QTF->RTF is what you need (although RTF->QTF does not exist) since QTF is quite simple and can't do all that ODF or even RTF does.

QTF->RTF has a few bugs with text and table colors but works quite well otherwise

Hello Didier,

Thank you very much for your reply.
I guess I'll try RTF. I need something easily editable.
It also seems to me a good example on how to write an exporter/importer.

Regards,
Oblivion

Subject: Re: QTF to ODF (Open Document Format) converter
Posted by [Didier](#) on Thu, 01 Jan 2015 12:37:03 GMT
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Hello Oblivion,

To export to RTF I usually do the following:
`RichText richTextObj = myRichTextGenerator;`
`SaveFile(fileName, EncodeRTF(richTextObj, CHARSET_UTF8));`

To use QTF you have to convert to//from RichText, so use the following code:
`String qtfString AsQTF(richTextObj);`
`richTextObj = ParseQTF(qtfString);`

For HTML you have the `EncodeHtml()` function

To convert to PDF, I use Report class:
`Report r;`
`r << qtfString`
`r.Perform();`
==> this opens a dialog displaying the report. If the PdfDraw Package is included, then a 'PDF' button is present and you can export to PDF :)

Hope it helps

Subject: Re: QTF to ODF (Open Document Format) converter
Posted by [mirek](#) on Fri, 02 Jan 2015 18:40:36 GMT
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Didier wrote on Tue, 30 December 2014 16:13
(although RTF->QTF does not exist)

Well, it does:

```
RichText ParseRTF(const char *rtf);
```

Mirek

Subject: Re: QTF to ODF (Open Document Format) converter
Posted by [Oblivion](#) on Fri, 02 Jan 2015 19:58:47 GMT
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Hello guys,

Thank you very much for your help. I tried RTF converter and it works just fine and is sufficient for my needs.

Regards,
Oblivion.
