Subject: Report serialization
Posted by BioBytes on Mon, 03 Nov 2008 08:46:06 GMT
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Hi all of you,

I tried to save report on disque via serialization and I face an issue with reading the file from the disk. I succeeded to write via fileout but when my application tries to read it using FileIn I get an Assertion failure in Core.h.

I join the code used in my application

I would be grateful if somebody could advice me on what is wrong.

Thanking in advance for your help

Kind regards

Biobytes

File Attachments

1) reportFlux.zip, downloaded 366 times

Subject: Re: Report serialization
Posted by mirek on Mon, 03 Nov 2008 09:46:03 GMT
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BioBytes wrote on Mon, 03 November 2008 03:46Hi all of you,

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Biobytes

Well, for starters, const Array<Drawing>& is returned. You should not be writing to it.

There is unfortnunately on "impedance mismatch" with C++ standard which in this case bites you - that const Array gets destroyed by "pick".

http://www.ultimatepp.org/srcdoc$Core$PickTypes$en-us.html
http://www.ultimatepp.org/srcdoc$Core$pick_$en-us.html

Second problem is that there is more state info involved than mere page Drawings.

What should work is to cycle through Array<Drawing>, read individual Drawing into separate variable and store one by one.

Then on loading, load Drawing and draw it to pages.

That is completely trasparent. And no need to derive from Report.

Mirek

Subject: Re: Report serialization
Posted by BioBytes on Mon, 03 Nov 2008 15:45:36 GMT
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Hello Mirek,

Thank you very much for your advice and now all is working perfectly well in my application. I can now save and read my reports. UPP is really a great development tool.

I am a newer to C++ as I come from Delphi and Eclipse worlds.

Kind regards
Biobytes
