Subject: QTF table borders disappering on Report/Perform()
Posted by jeremy_c on Thu, 15 Oct 2009 14:09:02 GMT
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I have created a table dynamically and then use Report/Perform() to display/print the report. However, sometimes the borders display and other times they do not. If I resize the window it changes which borders appear. Sometimes you can get it just right so that all the borders appear.

Excuse the longer example but it has QTF code to show the problem:

```
Report r;
r << "[ $$0,0#00000000000000000000000000000000:Default]"
"[{_} "
"[ {{1755:848:856:846:834:869:795:3197@7|2 [s0;=%% [*2 Points]]"
"::|2 [s0;=%% [*2 CH]]"
":: [s0;=%% [*2 Dist]]"
":: [s0;=%% [*2 GS]]"
":: [s0;=%% [*2 ETE]]"
":: [s0;=%% [*2 ETA]]"
":: [s0;=%% [*2 Fuel U]]"
"::|2 [s0;=%% [*2 Notes]]"
"::@2 [s0; ]"
":: [s0; ]"
"::@7 [s0;=%% [*2 Rem]]"
":: [s0;=%% [*2 Act]]"
":: [s0;=%% [*2 ATE]]"
":: [s0;=%% [*2 ATA]]"
":: [s0;=%% [*2 Fuel R]]"
"::@2 [s0; ]"
":: [s0; ]"
":: [s0; ]"
"::@7 [s0;=%% [*2 `@TD]]"
":: [s0;=%% [*2 <`- Tot]]"
":: [s0;=%% [*2 Off `->]]"
"::@2 [s0;=*2%% ]"
"::@7 [s0;=%% [*2 `@FT]]"
"::@2 [s0; ]"
":: [s0;= `@SP]"
"::|1 [s0;= `@CH]"
":: [s0;=%% `@D]"
":: [s0;=%% `@GS]"
":: [s0;=%% `@E]"
":: [s0;=%% ]"
":: [s0;=%% `@FU]"
"::|1 [s0; `@N]"
"::|1 [s0;= `@P]"
":: [s0; ]"
```

":: [s0;=%% `@DR]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% `@FR]"
":: [s0; ]"
":: [s0; ]"
"::|1 [s0;= `@CH]"
":: [s0;=%% `@D]"
":: [s0;=%% `@GS]"
":: [s0;=%% `@E]"
":: [s0;=%% ]"
":: [s0;=%% `@FU]"
"::|1 [s0; `@N]"
"::|1 [s0;= `@P]"
":: [s0; ]"
":: [s0;=%% `@DR]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% `@FR]"
":: [s0; ]"
":: [s0; ]"
"::@7 [s0;= [*2 Totals]]"
"::@2 [s0;=%% `@DT]"
":: [s0;=%% `@GA]"
":: [s0;=%% `@ET]"
":: [s0;=%% `-]"
":: [s0;=%% `@FT]"
":: [s0; `-]}}]";

Perform(r);

Is there a way to fix this?

Jeremy

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Subject: Re: QTF table borders disappering on Report/Perform()
Posted by mirek on Sat, 17 Oct 2009 11:28:02 GMT
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jeremy_c wrote on Thu, 15 October 2009 10:09I have created a table dynamically and then use Report/Perform() to display/print the report. However, sometimes the borders display and other times they do not. If I resize the window it changes which borders appear. Sometimes you can get it just right so that all the borders appear.

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"::|2 [s0;=%% [*2 Notes]]"
"::@2 [s0; ]"
":: [s0; ]"
"::@7 [s0;=%% [*2 Rem]]"
":: [s0;=%% [*2 Act]]"
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"::@2 [s0; ]"
":: [s0; ]"
":: [s0; ]"
"::@7 [s0;=%% [*2 `@TD]]"
":: [s0;=%% [*2 <`- Tot]]"
":: [s0;=%% [*2 Off `->]]"
"::@2 [s0;=*2%% ]"
"::@7 [s0;=%% [*2 `@FT]]"
"::@2 [s0; ]"
":: [s0;= `@SP]"
"::|1 [s0;= `@CH]"
":: [s0;=%% `@D]"
":: [s0;=%% `@GS]"
":: [s0;=%% `@E]"
":: [s0;=%% ]"
":: [s0;=%% `@FU]"
"::|1 [s0; `@N]"
"::|1 [s0;= `@P]"
":: [s0; ]"
":: [s0;=%% `@DR]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% `@FR]"
":: [s0; ]"
":: [s0; ]"
"::|1 [s0;= `@CH]"
```

":: [s0;=%% `@D]"
":: [s0;=%% `@GS]"
":: [s0;=%% `@E]"
":: [s0;=%% ]"
":: [s0;=%% `@FU]"
"::|1 [s0; `@N]"
"::|1 [s0;= `@P]"
":: [s0; ]"
":: [s0;=%% `@DR]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% ]"
":: [s0;=%% `@FR]"
":: [s0; ]"
":: [s0; ]"
"::@7 [s0;= [*2 Totals]]"
"::@2 [s0;=%% `@DT]"
":: [s0;=%% `@GA]"
":: [s0;=%% `@ET]"
":: [s0;=%% `-]"
":: [s0;=%% `@FT]"
":: [s0; `-]}}]";

Perform(r);

Is there a way to fix this?

Jeremy

It is because it scales down too much -> the width drops bellow 1 pixel.

Interestingly, there is simple way to fix the problem - add Painter package to your project. That will activate high-quality subpixel accuracy software rendering of Reports and thin lines will be drawn just fine (as gray).

Mirek

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Subject: Re: QTF table borders disappering on Report/Perform()
Posted by jeremy_c on Sat, 17 Oct 2009 13:00:47 GMT
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Thank you, that is much better!

Jeremy

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Subject: Re: QTF table borders disappering on Report/Perform()
Posted by jeremy_c on Sat, 17 Oct 2009 23:42:49 GMT
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Is there a way to fix this when exporting to PDF?

Jeremy

## File Attachments

1) fp.pdf, downloaded 552 times

Subject: Re: QTF table borders disappering on Report/Perform()
Posted by mirek on Mon, 19 Oct 2009 07:40:22 GMT
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jeremy_c wrote on Sat, 17 October 2009 19:42Is there a way to fix this when exporting to PDF?

Jeremy

Interesting, looks like acrobat reader tries to fight with the very same issue...

Note that if you go into preferences (in AR) and put "Enhance thin lines" flag off, they reappear.

Frankly, I am not sure what to do with this.... Certainly, part of problem is how lines in tables are composed together (using 3 adjacent lines - grid line and bordering cells borders), but....