Subject: Report Perform() and printing
Posted by jimlef on Wed, 14 Oct 2020 16:36:54 GMT
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When I go to print a document, the defaults show A4 paper size, is there any way short of editing the uppsrc to make it default to Letter?

I don't see any options with regards to Perform()...

Subject: Re: Report Perform() and printing
Posted by mirek on Wed, 14 Oct 2020 22:17:14 GMT
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jimlef wrote on Wed, 14 October 2020 18:36When I go to print a document, the defaults show A4 paper size, is there any way short of editing the uppsrc to make it default to Letter?

I don't see any options with regards to Perform()...

I am afraid no. I believe this is OS preset. I think it could be changed via code, but not yet in U++.

Mirek

Subject: Re: Report Perform() and printing
Posted by jimlef on Wed, 14 Oct 2020 23:58:41 GMT
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On my Linux, Letter is set by default (see attached) and other apps show US Letter in their print access (LibreOffice, Chrome and Firefox).

On windows, however, the app / report does indeed (once you dig down to it) show Letter by default. I realize that on Windows it is one of the print settings as well...

Haven't checked on Mac yet.

File Attachments
1) example.png, downloaded 347 times

Subject: Re: Report Perform() and printing
Posted by mirek on Thu, 15 Oct 2020 10:38:57 GMT
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Try

lpoptions -l

My output is:

PageSize/Media Size: Executive Letter Legal 8x10 Statement *A4 B5 Postcard A6 4x6 5x8 Env10 EnvDL EnvC5 EnvC6 EnvA2 EnvChou3 4.4x6 5x7 DoublePostcardRotated ISOB5 FanFoldGermanLegal 3.936x5.75 8.5x14
MediaType/Media Type: *Stationery PhotographicGlossy
ColorModel/Color Mode: *RGB Gray
cupsPrintQuality/Print Quality: Draft *Normal High

And these are presets that PrinterJob should be using now. Note that '*' before A4.

Mirek

Subject: Re: Report Perform() and printing
Posted by jimlef on Thu, 15 Oct 2020 14:38:16 GMT
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lpoptions -l
PageSize/Media Size: 3x5 A4 A5 A6 Env10 EnvC5 EnvDL EnvMonarch Executive FanFoldGermanLegal ISOB5 Legal *Letter Custom.WIDTHxHEIGHT
InputSlot/Media Source: *Auto Manual Tray1
MediaType/Media Type: *Stationery StationeryLightweight StationeryHeavyweight StationeryCover Envelope EnvelopeHeavyweight EnvelopeLightweight StationeryRecycled Labels StationeryBond
ColorModel/Print Color Mode: *Gray
Duplex/2-Sided Printing: *None DuplexNoTumble DuplexTumble
cupsPrintQuality/Print Quality: *Normal
print-scaling/Print Scaling: *auto auto-fit fill fit none

Subject: Re: Report Perform() and printing
Posted by jimlef on Thu, 15 Oct 2020 14:52:02 GMT
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And on mac (v. 15251):

File Attachments
1) example.png, downloaded 302 times

Subject: Re: Report Perform() and printing
Posted by mirek on Thu, 15 Oct 2020 15:57:49 GMT
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jimlef wrote on Thu, 15 October 2020 16:38lpoptions -l
PageSize/Media Size: 3x5 A4 A5 A6 Env10 EnvC5 EnvDL EnvMonarch Executive FanFoldGermanLegal ISOB5 Legal *Letter Custom.WIDTHxHEIGHT
InputSlot/Media Source: *Auto Manual Tray1
MediaType/Media Type: *Stationery StationeryLightweight StationeryHeavyweight StationeryCover Envelope EnvelopeHeavyweight EnvelopeLightweight StationeryRecycled Labels StationeryBond
ColorModel/Print Color Mode: *Gray
Duplex/2-Sided Printing: *None DuplexNoTumble DuplexTumble
cupsPrintQuality/Print Quality: *Normal
print-scaling/Print Scaling: *auto auto-fit fill fit none

OK, it looks like bug then... :)

Mirek

Subject: Re: Report Perform() and printing
Posted by mirek on Thu, 15 Oct 2020 16:07:53 GMT
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I think I have found it. Looks like over those years, lpoptions output changed a bit while we were not watching.

Can you test this fix please?

```
Size PrinterJob::GetDefaultPageSize(String *name)
{
 Size sz(6000 * 210 / 254, 6000 * 297 / 254);

 Vector<String> dpp = Split(System("lpoptions -l"), '\n');

 for (int i = 0; i < dpp.GetCount(); i++){
  int pos = max(dpp[i].FindAfter("Page Size"), dpp[i].FindAfter("PageSize"));
  if (pos >= 0){
   pos = dpp[i].Find('*', pos);
   //return A4 if there is not default page size
```

```
   if (pos < 0) return sz;
   //skip '*'
   pos++;
   int len = dpp[i].Find(' ', pos);
   if (len < 0) len = dpp[i].GetLength();
   len -= pos;
   //page name
   String nm = dpp[i].Mid(pos, len);
   if(name)
    *name = nm;
   const PageSizeName *p = FindPageSize(nm);
   if(p) {
    sz = p->GetDots();
    return sz;
   }
  }
 }
 //return A4 if there is not default page size
 return sz;
}
```

(It is on the trunk / git too, but I think your U++ journey have not got you there yet :)

Subject: Re: Report Perform() and printing
Posted by jimlef on Thu, 15 Oct 2020 16:56:03 GMT
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Yes, on linux now working as expected :) Thank you!
