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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()...

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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 18:36: 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()...

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

Mirek

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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...

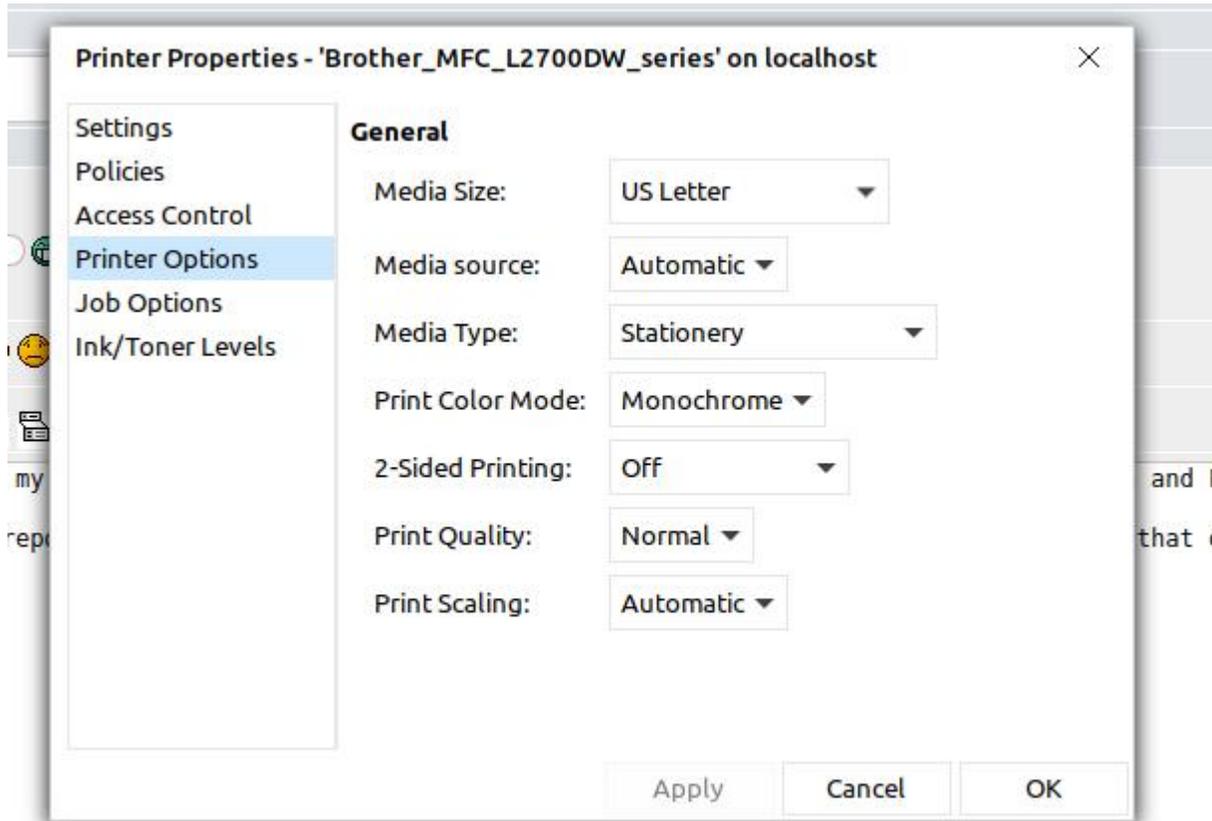
Haven't checked on Mac yet.

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## File Attachments

1) [example.png](#), downloaded 693 times

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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

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Subject: Re: Report Perform() and printing  
Posted by [jimlef](#) on Thu, 15 Oct 2020 14:38:16 GMT  
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lptions -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

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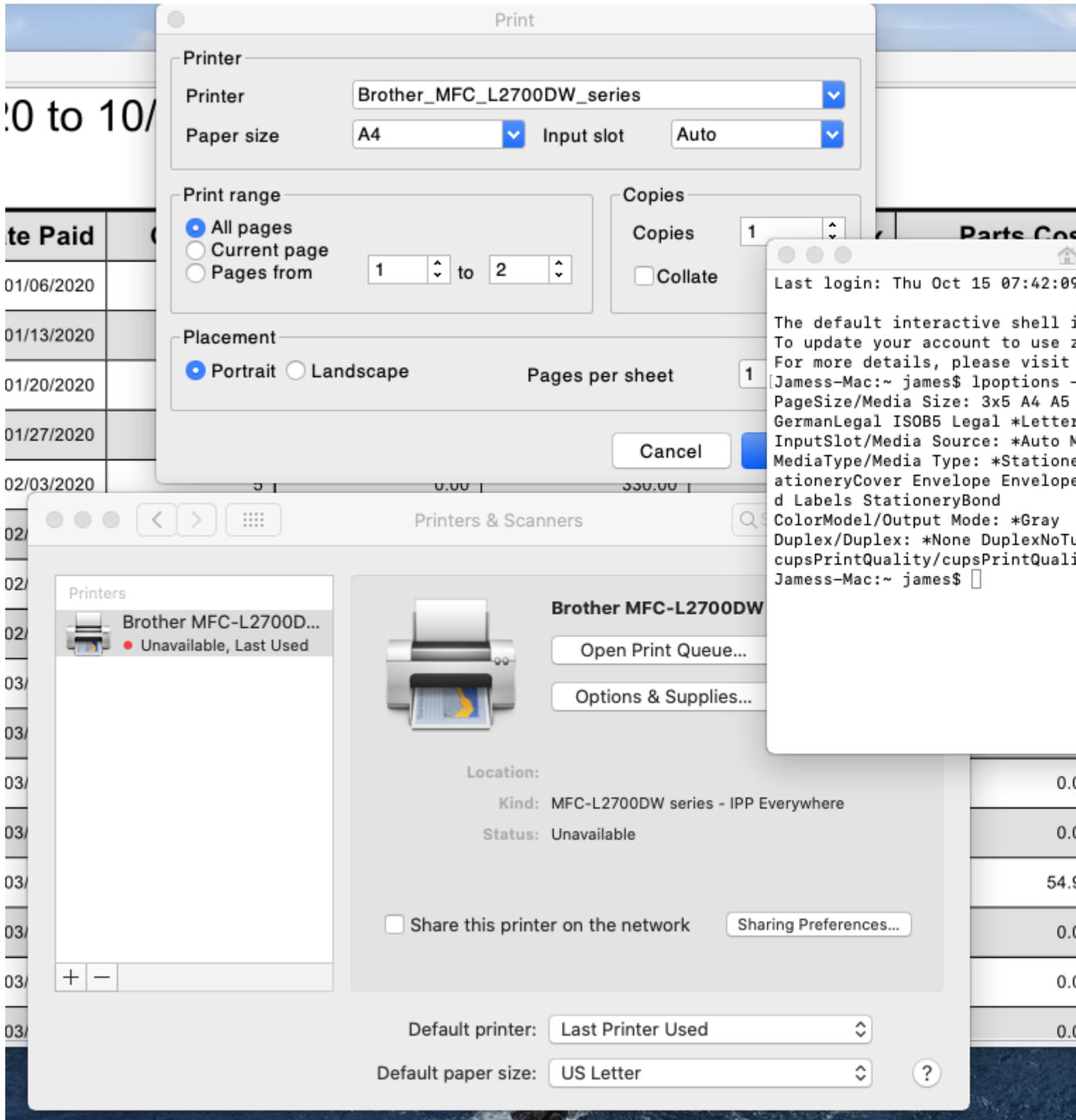
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And on mac (v. 15251):

### File Attachments

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1) [example.png](#), downloaded 632 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 16:38|poptions -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

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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, lptions 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("lptions -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

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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!

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