
Subject: Re: Generating PS files and png files at the same time

Posted by [mvukovic](#) on Tue, 17 Dec 2002 18:10:57 GMT

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"Isa Usman" <eepisu@bath.ac.uk> wrote in message news:<atmvsu\$oeq@newton.cc.rl.ac.uk>...

> Hello,

>

> Is there a way to generate png files without calling the device procedure

> every time? It's just that every time I plot something I would like a

> postscript and a png copy.

>

> Thanks in advance.

>

> Isa

I use ghostscript for that. you can find it using google. You can run it from the command line, or equivalently, spawn a shell command.

A simple version for windows would be:

```
gswin32c -sDEVICE=png256 -r300 -dBATCh -dNOPAUSE -q  
-sOutputFile=output.png input.eps
```

And this is a snippet from my makefile for making png's from eps's (I use Cygwin for a bash shell in windows, and good chunks of this code are due to stuff I found on the web)

```
bbox=`cat $< | tr '\015' ' ' | head -100 | egrep "^%%BoundingBox" |  
head -1 | sed -e 's/%%BoundingBox://g'`;\  
width=`echo $$bbox | awk '{printf("%i\n",$$3)}'`;\  
height=`echo $$bbox | awk '{printf("%i\n",$$4)}'`;\  
$(GS) -sDEVICE=png256 -r300 -dBATCh -dNOPAUSE -q  
-dDEVICEWIDTHPOINTS=$$width -dDEVICEHEIGHTPOINTS=$$height  
-sOutputFile=$@ $<
```

Hope this helps,

Mirko
