Subject: Re: write plots alternately to two postscripts files
Posted by R.G.Stockwell on Thu, 21 Oct 2010 16:25:34 GMT
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"Kenneth P. Bowman" <k-bowman@null.edu> wrote in message
news:k-bowman-82E27C.10403019102010@news.tamu.edu...
> In article <coednS_IB9t6JCDRnZ2dnUVZ_tWdnZ2d@giganews.com>,
> Simon <user@compgroups.net/> wrote:
>
>> The problem sounds easy, but I do not know where to find the solution.
>> I want to write a program which should create two different postscript
>> files, each having 100+ pages.
>> However I don't want to open, create and close them one after another.
>> It should work like this:
>>
>> Read and process a chunk of data.
>> Add a plot to file 1
>> Add a plot to file 2
>> Read and process new chunk of data
>> add a plot to file 1
>> Add a plot to file 2
>>   and so on
>>
>> As the processed data is really large it is not possible to keep it all
>> in memory. So first finish file1 and then create file2 is not an option.
>>
>> Is there any chance to switsch between to output files?
>> Any help is appreciated!
>> Simon
>
> Because of the way direct graphics talks to devices, I don't believe
> that this is possible. If I'm wrong, I expect someone will correct me!
>
> I suggest that you create individual pages as separate files, convert them
> to PDF,
> then use an external utility to merge the files into a single PDF.
>
> Unfortunately this does not allow for alternating plots at the individual
> plot level when you have multiple plots on a page.
>
> Ken Bowman

An old fashion way of doing this is to create many single PS files (one for
each figure) then
create a one page latex file that includes the many PS graphics, and that
can be arranged on the
page in any way you want, with captions and other annotations.

and, it will create that final combined PS file, if that is required.

cheers,
bob