
Subject: Re: Making a ginormous 54 panel plot...
Posted by [greg.addr](#) on Thu, 02 Dec 2010 11:33:20 GMT
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I use this to merge png files - might be helpful. If memory is the problem, at least you can combine as far as possible before resorting to GIMP.

Greg

```
pro gm_merge_png,filenames,outfile,frame,vertical=vertical
    ;filenames - png files to be merged
    ;outfile - output filename
    ;frame - white border between images, in pixels
    ;vertical - set to merge vertically instead of default
horizontal

for i=0,n_elements(filenames)-1 do begin
    im0=read_png(filenames[i])
    if n_elements(frame) gt 0 then begin
        sz=size(im0,/dim)
        im1=make_array(3,sz[1]+frame*2,sz[2]+frame*2,/byte,value=255 b)
        im1[* ,frame:sz[1]+frame-1,frame:sz[2]+frame-1]=im0
        im0=im1
    endif
    case i of
        0:im=im0
        else:im=keyword_set(vertical)?[[[im]],[[im0]]]:[[im],[im0]]
    endcase
endfor
write_png,outfile,im
end
```
