
Subject: Making a ginormous 54 panel plot...

Posted by [OUWxGuesser](#) on Wed, 01 Dec 2010 20:40:37 GMT

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Here's the deal. I have 54 .png plots I want to combine into a 9x6 panel plot in IDL. Native resolution for each image is 1000x700 pixels. This exceeds the maximum buffer size of 8192x8192.

No problem... I use `congrid` and shrink everything to 90% of the original size which gives me a final image size of 8100x3780.

In my code, I first specify the window as:
`p=window(dimensions=[8100,3780])`

I then loop through the files I need to panelize (or is it penalize? :)) and place them in the appropriate places. This works.

The issue I have is IDL does not listen to my dimensions for the original window! Instead, it creates a window that is 8192x2632. This creates large whitespace between the columns and shrinks the individual panels beyond the original 90% of the original size I specified. This makes things tough to read which defeats the purpose... I want to place these plots on a poster for a conference. My alternative *cringe* is to use GIMP to cut and paste the 54 plots manually. Yikes!

I have tried messing with the buffer settings thinking this might be the source of the problem, but I just end up getting MESA frame buffer errors and in some cases, IDL crashes to the desktop with no warning. If anyone has any suggestions or assistance, I'd greatly appreciate it!
