
Subject: Re: Mac Woes Continue

Posted by [btt](#) on Wed, 02 Nov 2005 13:58:27 GMT

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David Fanning wrote:

> Folks,
>
> I continue to see strange things on Mac computers in my IDL classes.
> Here is an example.
>
> I have a program XSTRETCH:
>
> <http://www.dfanning.com/programs/xstretch.pro>
>
> It is a fairly old widget program. I have never had any problems
> with it. The last time I made a modification to it was three
> years ago. But it simply won't run on a Macintosh computer. :-(
>
> I traced the problem to this line in the code:
>
> XManager, 'xstretch', histo_tlb, Group=group, \$
> No_Block=1-Keyword_Set(block), \$
> Event_Handler='XStretch_Histogram_Resize', \$
> Cleanup='XStretch_Cleanup'
>
> Here, the variable "block" is undefined, so the NO_BLOCK
> keyword should evaluate to 1. To make this program work
> on a Macintosh, I have to set the NO_BLOCK keyword explicitly
> to 1:
>
> XManager, 'xstretch', histo_tlb, Group=group, \$
> No_Block=1, \$
> Event_Handler='XStretch_Histogram_Resize', \$
> Cleanup='XStretch_Cleanup'
>
> Does anyone have *any* idea what this could be!?
>

Hi David,

This works for me using your linked version of XSTRETCH. I am on Mac OS 10.3.9

```
IDL> print, !VERSION  
{ ppc darwin unix Mac OS X 6.2 Jun 20 2005    32    32}
```

```
IDL> xstretch, bytscl(hanning(300,300))
```

% Compiled module: HANNING.
% Compiled module: XSTRETCH.
% Compiled module: LOADCT.
% Compiled module: FILEPATH.
% Compiled module: PATH_SEP.
% Compiled module: TVIMAGE.
% Compiled module: XMANAGER.

I can't tell what the problem might be from this end. Are you having this problem from the command line or from within a managed routine?

Ben

>
> P.S. My other Macintosh problem seems to be that it is
> reporting incorrect window sizes in geometry situations.
> This causes me to calculate negative window sizes in widget
> resize events. I haven't yet chased this to the source.
> (Hard to debug code in the middle of a class.) But if you
> Macophiles want to lend me a hand, the problem code is
> MPI_PLOT:
>
> http://www.dfanning.com/programs/mpi_plot.zip
>
> I will say this about the Macs. The keyboard is very,
> very cool! I just wish the darn things would run perfectly
> good IDL code! :-)
>
