Stephen Plumb (plumb@piffleph.und.ac.za) writes:

> I have an image displayed in a window (say window1) and I would like to
> calibrate it by inserting some sort of x and y axes.
> The problem is that the axes are offset from the window edges. Ideally I
> would like the x Axis to go straight through the centre of the image (ie y=
> 768/2), from left edge to right edge, and the y axix to go anywhere as long
> as it spans the full height of the image. Does anyone have any ideas?

I would try something like this:

```
  s = Size(image, /Dimensions)
  pos = [0.10, 0.10, 0.95, 0.95]
  TVImage, image, Position=pos, /Erase, /Keep_Aspect
  Plot, [0, s[1]], [0,s[0]], XStyle=5, YStyle=9, $
     YTickS=8, Position=pos, /NoErase, /NoData
  Axis, /XAxis, 0, !Y.CRange[1]/2.0, XStyle=1, XTicks=4
```

You can download the TVImage program from my web page.
It is a replacement for TV. Or, you can download TVScale
if you prefer the TVSCL command (although I don't generally
recommend it unless you understand what you are doing).
But the nice thing about either of these programs is that
the image can be positioned in the window with the
POSITION keyword.

  http://www.dfanning.com/programs/tvimage.pro

Note that the code above works with any size image and
in any size window. :-)

Cheers,

David

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