Subject: Re: Getting info on the whole screen in IDL
Posted by sjt on Tue, 21 Feb 1995 09:45:09 GMT
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Wayne Landsman (301)-286-3625 (landsman@sorbet.gsfc.nasa.gov) wrote:
: In article <3i2euu$knu@adam.cc.sunysb.edu>, Chris Jacobsen
: <jacobsen@xray1.physics.sunysb.edu> writes...

: >The IDL parameters !D.X_SIZE and so forth tell you information
: >about the active display window (at least as far as I can tell).
: >
: >I wanted to be able to find about the whole screen so as to
: >decide how big to make windows and fonts and so on.
: >
: >I have written a routine
: > IDL> xpixels,xpix,ypix,xmm,ymm
: > IDL> print,xpix,ypix,xmm,ymm
: >   1024   768   283.000   212.000

: The GET_SCREEN_SIZE keyword to the DEVICE command under X windows will give
: you the size of the entire screen in pixels.   I think you still have to link
: to the C program to get the size in mm.

Not if the screen is properly set up. The GET_SCREEN_SIZE gives the screen
size and the !D.[xy]_px_cm give the pixels/cm. From which it is trivial
to extract the size of the screen in cm.

: --Wayne Landsman   landsman@stars.gsfc.nasa.gov

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