Subject: Re: X window requirement for batch jobs: not just for plotting
Posted by David Fanning on Wed, 23 Nov 2011 14:42:50 GMT
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Ed Hyer writes:

> So, we all know that if you have a job that generates a plot, and you
> need it to run automated, you have to either:
> 1) use the Z buffer for everything;
> 2) use the X virtual frame buffer to "spoof" an X terminal;
>
> But this requirement is clearly triggered by commands that have
> nothing to do with plotting. The obvious example is widgets, but I am
> currently dealing with a piece of code that has no plotting and no
> widgets, but at a certain point in the code it insists on having an X
> terminal available, and crashes if there is none.
>
> Tomorrow's job is to identify exactly what call is the culprit (I'm
> wondering if it isn't maybe READ_TIFF), and figure out a solution
> along the lines of #1 above, but I thought I'd ask:
>
> What other types of commands, that I wouldn't expect, might be asking
> for an X terminal?

Oh, my gosh, the list seems endless! Anything that has to
deal with device coordinates (coord_convert, etc.) comes
to mind. Anything that deals in any way with the OS.
Practically anything you write! I would look everywhere. ;-)

Cheers,

David

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Coyote's Guide to IDL Programming: http://www.idlcoyote.com/
Sepore ma de ni thui. ("Perhaps thou speakest truth.")