
Subject: Re: Issue with 6.3, Mac OS X 10.4, 3 displays, X11

Posted by [Rick Towler](#) on Thu, 19 Oct 2006 18:58:38 GMT

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I'm sure this has crossed your mind, and I only mention this as you seem to have a deadline that Apple might not be able to meet, but have you considered running a linux based PC instead of your PowerMac? Or <gasp> a windows PC? Your graphics adapters should work in an x86 box and my multi-monitor experience on these platforms has been pretty positive.

On Win32 I have run IDL apps on a quad monitor setup very similar to your 3 monitor setup (3 1600x1200 as display with 1 1280x1024 for control) w/o issue using nVidia "dualview". On x86-32 linux I have only worked with a dual monitor nVidia based system . Maybe someone with experience running 3+ monitors on linux+IDL can post their thoughts.

-Rick

Joseph B. Gurman wrote:

> This one is currently stumping the ITTvis support folks, so I thought
> I'd see if anyone else had stumbled upon it.
>
> We're using a PowerMac G5 Quad with an NVIDIA Quadro 4500 (2 x
> DualLink DVI) video card to drive two Apple 30-inch Cinema HD Displays
> (2560 x 1600 LCD), plus an NVIDIA GeForce 6600 to run a smaller flat
> panel (1280 x 1024 native res. LCD). The two large displays, which will
> be mounted on a hallway wall, are meant to display time-lapse movies
> from the imaging instruments (which have 2048 x 2048 detectors) on the
> twin STEREO spacecraft, due for launch next week; the smaller display is
> for control (e.g. a Terminal window to run IDL).
>
> When we use the old PowerLan eXodus X11 implementation, we can get a
> single, large, X11 window that spans the two large displays. Animation,
> however, is slow, so we turned to Apple's X11, which for some reason
> responds to an IDL request of the form:
>
> IDL> window, 0, xsize = 4400, ysize = 1500
>
> with a considerably smaller window (~ 1200 x 960), on one of the large
> displays. Curiously, the small window can be expanded by dragging on the
> control tab at the lower right corner, but not beyond the boundaries of
> that single display.
>
> xdpinfo indicates that our X11 setup does include Xinerama
> (screen-spanning) support, so my suspicion now focuses on X11 limiting
> itself to the size of the small display despite putting the window on

> one of the large displays. I may remove the GeForce and see if a
> single-card, two-display configuration behaves differently.
>
> I realize not many folks on this group are likely to have two display
> cards and two massive displays, but if you do (regardless of platform),
> I'd be interested to hear if you've experienced similar issues.
>
> Thanks in advance,
>
> Joe Gurman
>
