
Subject: Re: Issue with 6.3, Mac OS X 10.4, 3 displays, X11
Posted by [Karl Schultz](#) on Tue, 17 Oct 2006 15:31:04 GMT
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On Tue, 17 Oct 2006 09:03:26 -0400, 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

It might be interesting to see the rest of the xdpinfo output. In particular, the number of screens it reports and the dimensions of each screen. Although the XINERAMA extension loaded, it might have failed due

to the screen sizes but stayed on as an extension anyway.

Also of interest would be the startup log that might be in /var/log.

Can you drag any window from one screen to the other?

You also might fish around in mac-oriented newsgroups or fora.

Karl
