
Subject: Re: Issue with 6.3, Mac OS X 10.4, 3 displays, X11
Posted by [Karl Schultz](#) on Tue, 07 Nov 2006 00:41:14 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

I read today in the Apple x11-users newsgroup that the recent Software Update for X11, the one that fixes the PPC-binary X11 clients, also fixes this problem with windows spanning displays.

I didn't try it (yet) myself, but it may be worth looking into.

Karl
