
Subject: Issue with 6.3, Mac OS X 10.4, 3 displays, X11
Posted by [Joseph B. Gurman](#) on Tue, 17 Oct 2006 13:03:26 GMT
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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.

xdpyinfo 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
