
Subject: Re: Issue with 6.3, Mac OS X 10.4, 3 displays, X11
Posted by [Karsten Rodenacker](#) on Wed, 18 Oct 2006 10:11:49 GMT
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Perhaps my two cents to this topic too.

I have only one graphicscard with two displays on a PowerPC Dual and on my powerbook.

Windows can only be opened or resized up to the size of the display where the window resides.

IDLsysmonitorinfo shows two screens.

```
print,o->getrectangles()  
    1680    22    1920    1178  
    0    73    1680    1050
```

e.g. on my notebook.

xdpyinfo shows one screen 3200x1200 or 3600x1200.

All that is quite interesting for me beside the occasionally hanging system by a lost sync.

Possibly we can await some improvements in MM (Multi-Monitor, but also Mathematical Morphology)!

Regards

Karsten

Am Tue, 17 Oct 2006 15:03:26 +0200 schrieb Joseph B. Gurman
<gurman@gsfc.nasa.gov>:

> 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
>

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