Subject: Display clashes under Red Hat Linux 7.1/IDL 5.2
Posted by David Williams on Wed, 05 Sep 2001 09:39:42 GMT
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This may have been something which was previously thrashed out on this group, but I missed, so apologies in advance.

Once again, the cycle of upgrade->tweaking->usable interface has reached the 'tweaking' stage again in my department
(although I'd like to point out that I'm not the person responsible!).
We recently upgraded to Red Hat Linux 7.1, which brings with it the joys

of XFree86 version 4.0....

We had previously been using XFree86 version 3.x, when moving to Linux originally last year. When we moved to 24-bit displays, that was a real stumper, and many thanks to the dozens of you (mostly the usual inhabitants of this newsgroup) who helped me (and by extensions the other
astronomers here) to fix the display problems we encountered.
So, on to the current problem -- When I run IDL (v5.2) under the new installation, the colour table does something it hasn't done since I last used an 8-bit display on Solaris a year ago! LOADCT,3 - for example
- doesn't change the colour table in the XWindow display
unless the window (IDL0 or whatever) is made active.

But what's genuinely frustrating is that if a window is sent to the back and
then brought back to the front on the screen, the part of the window that
was covered by other windows doesn't refresh. So you get only 1/4 of a plot
still there until you refresh by redisplaying. This is a problem I've never
had under Linux before, and I know it's going to annoy others here as much as
me.

For what it's worth, the details of my setup are:
IDL 5.2
XFree86 4.0.3-5
Matrox MGA G400 AGP display adapter
Red Hat Linux 7.1 (i386, recently clean-installed over v6.2)

I'd be very grateful for any help you guys can offer.

Dave Williams

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