
Subject: Re: itools causing FC5 linux logout
Posted by [Karl Schultz](#) on Fri, 01 Sep 2006 15:15:19 GMT
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On Thu, 31 Aug 2006 18:52:23 -0700, jesscobrien wrote:

> Hi,
>
> I am having a problem with itools and other IDL guis on my laptop
> running linux FC5 running gnome desktop.
> uname -a
> Linux nellie 2.6.17-1.2157_FC5 #1 Tue Jul 11 22:55:46 EDT 2006 i686
> i686 i386 GNU/Linux
>
> IDL> print,!version
> { x86 linux unix linux 6.3 Mar 23 2006 32 64}
>
> If I load an 2D image, even just 200x200 into an itool application I
> get logged out of my gnome session. The same thing happened when I was
> running earlier versions of the linux kernel, and I believe earlier
> versions of IDL. Yesterday I noticed this also happening when I ran
> XROI on an image that was rebinned to 321 x 159 pixels. Running itools
> and XROI on a 2D array of this size causes me to be logged out about 2
> out of 3 times - small number stats as one stops tempting fate after a
> while! Is this due to insufficient memory? I have 512MB of RAM and 1GB
> of swap memory. Simple IDL GUIs like DIALOG_PICKFILE dont cause a
> problem. How much memory does one need to run more complex IDL GUIs
> like XROI and itools?
>
> Thanks,
> Jess

I doubt that it is a memory problem. It is more likely that the X server is crashing due to an OpenGL problem. When you say "logged out of your gnome session", do you mean that the X server is crashing and getting restarted?

Try running XROI with the RENDERER keyword set to 1 and/or take whatever measures are necessary to force the use of the software renderer.

If that makes the problem go away, you may have a general OpenGL or X driver/configuration problem. You might try looking for updated drivers for your video card, etc.

Also, try running the standalone GL program 'glxgears' that should be in your distro. If that fails, then you surely have an OpenGL/X problem that you'll have to resolve.

Karl
