Subject: Can't create pixmap
Posted by philaldis on Mon, 22 Mar 1999 08:00:00 GMT
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Okay, now this is just silly

I'm fully aware that the message can't create pixmap means that you've run out of memory. However this is never a message I get because my NT machine seems to be able to cope with using ordinary memory and in fact goes into page file space and if it runs out of that, well windows doesn't like that.

However, I keep getting it and I could understand that if there was no memory left however I'm getting it when I create pixmaps of certain sizes. It's in an animation routine that the error occurs. It crashes out of the program with 'can't create pixmap'. The size of pixmap is 210x230, or something like that. If I create a 200x200 pixmap or 500x500 pixmap it's okay but as soon as you get close to the 210x230 size it gives the previous error message.

What is going on and more importantly what can be done to stop it, short of c not creating pixmaps of a certain size.

I'm running IDL 5.1.1 on an NT 4.0 machine.

Cheers,
Phil

Subject: Re: Can't create pixmap
Posted by David Foster on Thu, 25 Mar 1999 08:00:00 GMT
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Phil Aldis wrote:
>
> Below this message you will find some code which will see if the bug
> is repeatable on other machines. I've tried on both 5.1.1 and 5.2 on a
> NT PC. They both had the bug. I tried on a solaris workstation running
> 5.1.1 but that crashed because the systme had actually run out of
> memory. The code automatically detects if the bug is in evidence using
> error catching and tells you so. Just try it and post the results,
> I've just contacted RSI as well.
>
> It seems to me to be a very strange bug. I ran the bugtest prog on my
> 64 MB RAM machine with about 300MB of page file space. When the
> program crashed after about 600 loops, I created 2 windows which were
> (10000,1000) pixels big which used about 30-40MB, but no "unable to
> create pixmap". Truly Bizarre!

>
> The problem seems to be if you create windows of the same size, as a
> similar program with random sizes hit against genuine memory problems.
>
> Cheers,
> Phil Aldis

<very nice test procedure snipped>

Phil -

I ran your test routine on a Sparc 2 (Solaris 2.5) using IDL 5.1
and I eventually made it run out of memory, but I could not replicate
your problem.

Dave
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