
Subject: Re: IDL video memory vs. MS Windows Terminal Services

Posted by [Liam E. Gumley](#) on Wed, 12 Mar 2003 16:34:10 GMT

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"Dick Jackson" <dick@d-jackson.com> wrote in message

news:11uba.198256\$na.6887526@news2.calgary.shaw.ca...

> A client of mine had had trouble allocating as much pixmap memory as his

> video card should have allowed. I just got word that the problem was

> solved as follows:

>

> =====

> Apparently Terminal Services uses video memory in such a way that limits

> the amount of video memory that's available to IDL. As soon as I

> uninstalled Terminal Services, then I could create 6 pixmaps in IDL that

> were 20MB each.

> =====

Dick,

Can you give us any more details about the version of Windows, and the method used to disable terminal services? I've also had problems creating large pixmaps...

Cheers,

Liam.

Practical IDL Programming

<http://www.gumley.com/>

Subject: Re: IDL video memory vs. MS Windows Terminal Services

Posted by [Dick Jackson](#) on Wed, 12 Mar 2003 21:30:58 GMT

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"Liam Gumley" <Liam.Gumley@ssec.wisc.edu> wrote in message

news:b4nni1\$i6h\$1@news.doit.wisc.edu...

> "Dick Jackson" <dick@d-jackson.com> wrote in message

> news:11uba.198256\$na.6887526@news2.calgary.shaw.ca...

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> Dick,
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> Can you give us any more details about the version of Windows, and the
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> large pixmaps...

Hi Liam,

Well, it turns out it was on Windows 2000 Advanced Server. Terminal Services are only available on Server versions. I'm running Windows 2000 Pro, and to check, I open Add/Remove Programs, click Add/Remove Windows Components: Terminal Services is not available anywhere, so I'm safe from this one!

I have had large-pixmap allocation problems in the past as well, and everything made more sense when I realized that (just like in the RAM discussion "Memory Headaches" from August 2002) a pixmap needs a *contiguous* chunk of video memory.

I would love to find a utility program to show how Windows memory (including video memory) is being used... anyone? This dandy little Mac program gives the idea, does such a thing exist for Windows?

Cheers,

--

-Dick

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Subject: Re: IDL video memory vs. MS Windows Terminal Services
Posted by [Rick Towler](#) on Wed, 12 Mar 2003 21:38:24 GMT
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"Liam Gumley" wrote ...

> "Dick Jackson" wrote in message
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> Dick,
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> Can you give us any more details about the version of Windows, and the
> method used to disable terminal services? I've also had problems creating
> large pixmaps...

The terminal services server is not installed on Win2k Pro and XP. The client can be but I don't think that would interfere with IDL. Terminal services are installed by default (?) on Win2k Server and Advanced Server. I don't know about NT4. They can be removed by using the install cd.

-Rick

Subject: Re: IDL video memory vs. MS Windows Terminal Services
Posted by [Dick Jackson](#) on Thu, 13 Mar 2003 15:35:37 GMT
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"Dick Jackson" <dick@d-jackson.com> wrote in message
news:mGNba.454366\$Yo4.19986052@news1.calgary.shaw.ca...
> I would love to find a utility program to show how Windows memory
> (including video memory) is being used... anyone? This dandy little
Mac
> program gives the idea, does such a thing exist for Windows?

Oops, I meant to refer to it more explicitly... :-)
<http://www.wap.org/journal/memmapper/memmaper.html>

--
-Dick

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