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Subject: itools error

Posted by [krijger](#) on Thu, 09 Oct 2003 13:42:20 GMT

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Here at work, I am the only one interested into the new itools, yet when running idl (linux) I get the following errors and the axis are unreadable.

Did anyone have the same problem?

```
IDL> iplot,findgen(100)
```

```
% Loaded DLM: PNG.
```

```
% Compiled module: XMANAGER.
```

```
% Loaded DLM: IPTOOL.
```

```
% Compiled module: GET_SCREEN_SIZE.
```

```
% Compiled module: REVERSE.
```

```
% Compiled module: CVTTOBM.
```

```
% Compiled module: IDENTITY.
```

```
% Compiled module: STRSPLIT.
```

```
% Compiled module: UNIQ.
```

```
IDL> Failed to upload texture, sz 128
```

```
    Memory heap (nil):
```

```
        heap == 0
```

```
    End
```

```
of memory blocks
```

```
    Failed to upload texture, sz 512
```

```
    Memory heap (nil):
```

```
        heap == 0
```

```
    End
```

```
of memory blocks
```

```
----
```

Thijs Krijger

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Subject: Re: itools error

Posted by [Karl Schultz](#) on Tue, 14 Oct 2003 14:03:43 GMT

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<krijger@astro.uu.nl> wrote in message

news:3fb11ca9.0310130107.307d36c2@posting.google.com...

>> You might want to try some simpler tests like

>> "XOBJVIEW, OBJ\_NEW('IDLgrAxis')

>

> Same error.

>

>> "XOBJVIEW,OBJ\_NEW('IDLgrText', 'Hello', RENDER\_METHOD=0)"

>  
> Same error  
>  
>> and play with different  
>> values of RENDER\_METHOD (0=texture, 1=triangles), just to try to learn  
more  
>> about the problem.  
>  
>> "XOBJVIEW,OBJ\_NEW('IDLgrText', "Hello", RENDER\_METHOD=1)"  
>  
> works

Between this and the original error messages, I'm pretty sure that your driver is broken with respect to texture mapping.

I would switch IDL to software rendering as I noted in my previous post and start looking for driver fixes.

The only other thing that might be worth doing is to find a really simple stand-alone OpenGL sample program that does texture mapping and see if that runs. If it does not, then you have a simple test case that reproduces the problem which is good to have if you report the problem to Matrox or whoever is working on the drivers.

>  
>> It might be helpful if you could post more details about your configuration,  
>> including graphics hardware, linux distro and version, XFree86 version, and  
>> OpenGL driver version. Perhaps someone else has already worked through  
>> this.  
>  
> Matrox 450  
> Redhad 7.3  
> Xfree 4.2.1  
> OPenGL 1.3  
>  
> ---  
> Thijs

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Subject: Re: itools  
Posted by [David Fanning](#) on Wed, 26 Nov 2003 14:59:29 GMT  
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Thomas Schulze writes:

> in the moment I'm reading the itool-develpoer-guide. Can someone tell

- > where to find a shorter introduction to itool-programming? (I'm soon
- > reaching page 100, and I'd like to not read the following 140).
- > Unfortunately these pages did not prepare me to program my own itools
- > - for my guess, there not enough examples.

Oh, my gosh, when it rains, it pours. :-)

Cheers,

David

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David W. Fanning, Ph.D.

Fanning Software Consulting, Inc.

Phone: 970-221-0438, E-mail: [david@dfanning.com](mailto:david@dfanning.com)

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

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