
Subject: Issues with idl_opserver crashing as a normal user on Linux
Posted by [Christopher David Kyl](#) on Mon, 25 Aug 2008 01:12:49 GMT
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Hi,

I'm looking for a little guidance with regards to getting IDL 7.0 Workbench running smoothly on a 32bit Linux system.

The issue is that as a normal user, the idl_opserver process that gets started by the Workbench dies right away.

This results in commands entered at the command line simply disappearing and never getting executed. Also, I am unable to save new files or create new projects and on exiting the Workbench, java hangs and my CPU usage goes to 100%. I have to kill the java process manually.

Has anyone else come across this issue and does someone know of a fix or workaround?

Thanks,

Christopher

Subject: Re: Issues with idl_opserver crashing as a normal user on Linux
Posted by [Christopher David Kyl](#) on Tue, 26 Aug 2008 00:04:02 GMT
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On Sun, 24 Aug 2008, Christopher David Kyle wrote:

> Hi,
>
> I'm looking for a little guidance with regards to getting IDL 7.0
> Workbench running smoothly on a 32bit Linux system.
>
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> gets started by the Workbench dies right away.
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> and never getting executed. Also, I am unable to save new files or
> create new projects and on exiting the Workbench, java hangs and
> my CPU usage goes to 100%. I have to kill the java process manually.
>
> Has anyone else come across this issue and does someone know of a fix or
> workaround?
>
> Thanks,

>
> Christopher
>
>

A little more investigation on my part and I've solved to issue.

The shared memory needed for the Workbench and idl_opserver to communicate was not available to normal users since the system didn't have /dev/shm setup in /etc/fstab.

Here is the line I needed to add to /etc/fstab in order to setup shared memory.

```
tmpfs /dev/shm tmpfs defaults 0 0
```

I hope this can help anyone else who comes across the issue.

Cheers,

Christopher

Subject: Re: Issues with idl_opserver crashing as a normal user on Linux
Posted by [Vince Hradil](#) on Thu, 28 Aug 2008 13:32:37 GMT
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On Aug 25, 7:04 pm, Christopher David Kyle <cdk...@ucalgary.ca> wrote:

> On Sun, 24 Aug 2008, Christopher David Kyle wrote:

>> Hi,

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>> Workbench running smoothly on a 32bit Linux system.

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>
> Christopher

@DFanning: your rss feed to your article on this points to:
http://www.dfanning.com/workbench_tips/needmem.html
It should be: <http://www.dfanning.com/workbench/needmem.html>

Thanks,
Vince

Subject: Re: Issues with idl_opserver crashing as a normal user on Linux
Posted by [David Fanning](#) on Thu, 28 Aug 2008 13:38:23 GMT
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Vince Hradil writes:

> @DFanning: your rss feed to your article on this points to:
> http://www.dfanning.com/workbench_tips/needmem.html
> It should be: <http://www.dfanning.com/workbench/needmem.html>

Thank you! :-)

Cheers,

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
