
Subject: Re: % FINDFILE: Error managing child process.

Posted by [R.Bauer](#) on Sun, 25 Jul 2004 18:23:01 GMT

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Timm Weitkamp wrote:

> On 24.07.04 at 21:21 -0500, Craig Markwardt wrote:

>

>> Timm Weitkamp <dont.try@this.address> writes:

>>> I am having an annoying problem with FINDFILE on a Sunblade with IDL

>>> 6.0 (version = { sparc sunos unix Solaris 6.0 Jun 27 2003 64 64}). I

>>> run an IDL program that runs fine on other machines (PCs running Linux)

>>> and used to work on this Sunblade too, and now it stops with an error

>>> message at a call to FINDFILE. The call is alright, the problem is that

>>> FINDFILE seems to spawn an "ls" or something, because I get the same

>>> error when I spawn "ls" by hand:

>>>

>>> IDL> \$ls

>>> % Error managing child process.

>>> Not enough space

>>>

>>> What is this? Bug? Feature? Memory problem? It actually occurs with

>>> *any* spawned command (I tried "cat" or even non-existent commands with

>>> the same result). Can I circumvent this somehow? Any help appreciated.

>>> Here's the system info:

>>

>> I seem to recall a friend having a problem like this. Somehow, by

>> accident, his "/tmp" scratch area was non-writeable, except by root.

>> Once we made it writeable, then all sorts of things started to work

>> again. We speculated that somehow IDL was attempting to make a

>> temporary file, which it couldn't do when permissions were wrong.

>

> Thank you for this hint, Craig, which I will keep in mind. At first

> glance, though, it doesn't exactly seem to be that (/tmp/ is writable).

> Another thing is that I now tried with different IDL releases (5.4, 5.6,

> and 6.0). The problem occurs with 5.6 and 6.0, but not with 5.4.

> Unfortunately my code relies on some functionality introduced in 5.6.

>

> Also, it only occurs after allocating a considerable bunch of memory for

> an array (something like 4 GB out of the total of 6 GB of RAM available).

> But once the bug strikes, even freeing memory with DELVAR or TEMPORARY

> does not help anymore.

>

> I worked on other Sunblades before (albeit with more memory available) and

> never ran into this. May have to contact RSI.

>

> Cheers,

> Timm

>

Dear Timm

findfile belongs to the obsolete routines. It was replaced by file_search.

Did you see the same problems by this one?

Reimar

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<http://www.fz-juelich.de/icg/icg-i/>

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro.html
