Subject: spawn broken on IDL 5.3 / solaris ? Posted by Martin Rother on Fri, 24 Mar 2000 08:00:00 GMT

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hi IDL wizards,

(first I apologize for my bad english)

I'm running IDL scripts communicating with fortran-programs (f77, i.e. calculation of geomag.field/IGRF) by bidirectional pipes created from 'spawn' command (with keyword 'unit')

this works fine for years. now (with IDL 5.3) I found the spawned program vanished without any message, more or less immediately -- and the next (first) 'readf, unit, buf' fail, of course -- or, worse, IDL terminates with 'segmentation fault'.

I found that this 'segmentation fault' depends on the way I'm assembling the string given into the pipe.

only if the string is created by a simple dummy = 'something' statement printing/writing from pipe succeed.

after downgrading to 'IDL 5.2' all is working fine again. I can't belive, that THIS usefull feature (one benefit of IDL over 'matlab'?) is broken. kkkkrrrrxxxxxxxx....!

I searched 'dejanews' and found some articles about this (or similar) subject, but I found no workaround and remain hopeless.

have I to stick on version 5.2 forever?

(my environment: sparc, solaris 2.6 + 2.7 and enough memory...)

thanks in advance for hints.

best regards, martin rother.

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Subject: Re: spawn broken on IDL 5.3 / solaris ?
Posted by John-David T. Smith on Tue, 28 Mar 2000 08:00:00 GMT
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Craig Hamilton wrote:

>

- > Martin:
- > Unix IDL 5.3 also has another problem: idlde doesn't handle files greater
- > than
- > a few hundred lines in its editor. More lines than that and they just don't
- > show
- > up on the screen. Tech support told me they switched to a 3rd party
- > chroma-color-enabled editor in 5.3. They did not tell me when to expect
- > a fix.

>

An excellent time to jump ship to emacs+IDLWAVE mode. Expect the announcement of a major update with several exciting new features in the near future... and prepare to do things that IDLDE users could never dream of.

JD

J.D. Smith

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