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. kkkkrrrrxxxxxxx....!

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,
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