
Subject: SPAWNING IDL from IDL under UNIX
Posted by [D. Mattes](#) on Thu, 18 May 2000 07:00:00 GMT
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hello IDL gurus: here's a fun self-referential problem that i REALLY need solved. i have a lengthy minimization process coded using IDL. what i would like is to allow the user to use my widgets to set minimization parameters, etc. and then spawn idl as a UNIX process which runs the minimization.

so i would use spawn to set the idl startup file:
spawn,'setenv IDL_STARTUP my_min_proc'

then, i would like to spawn idl as a unix process, using the unix 'at' command:
spawn,'at now; idl; ^D'

the preceeding command starts idl using the specified startup file, but it runs in the current terminal shell. if i exit the shell, i lose the process.

any insight into this issue would be greatly appreciated!

thanks,
david mattes

Subject: Re: SPAWNING IDL from IDL under UNIX
Posted by [John-David T. Smith](#) on Mon, 22 May 2000 07:00:00 GMT
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"D. Mattes" wrote:

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> solved. i have a lengthy minimization process coded using IDL. what i
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> minimization.
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> so i would use spawn to set the idl startup file:
> spawn,'setenv IDL_STARTUP my_min_proc'

spawn,'\$IDL_DIR/bin/idl my_min_proc'

but now your terminal is taken over by the spawned process.

JD

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Subject: Re: SPAWNing IDL from IDL under UNIX
Posted by [pit](#) on Tue, 23 May 2000 07:00:00 GMT
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In article <39295458.A68C8F76@astro.cornell.edu>,
"J.D. Smith" <jdsmith@astro.cornell.edu> writes:
>
> spawn,'\$IDL_DIR/bin/idl my_min_proc'
>
> but now your terminal is taken over by the spawned process.

That's why I'm using
spawn, 'nohup /opt/rsi/idl_5.2/bin/idl dosp &'

Peter

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