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Subject: Re: IDL and UNIX setenv  
Posted by [nmw](#) on Mon, 18 Jun 2001 08:55:46 GMT  
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In article , "Daniel Peduzzi" <peduzzi@mediaone.net> writes:  
> Content-Transfer-Encoding: 7bit  
> X-Newsreader: Microsoft Outlook Express 4.72.3110.1  
> X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
> Message-ID: <yAgX6.3367\$P46.2050452@typhoon.ne.mediaone.net>  
> Date: Mon, 18 Jun 2001 05:46:06 GMT  
> NNTP-Posting-Host: 24.128.251.99  
> X-Complaints-To: abuse@mediaone.net  
> X-Trace: typhoon.ne.mediaone.net 992843166 24.128.251.99 (Mon, 18 Jun 2001 01:46:06 EDT)  
> NNTP-Posting-Date: Mon, 18 Jun 2001 01:46:06 EDT  
> Organization: Road Runner  
> Xref: leicester comp.lang.idl-pvwave:11504  
>  
> I have an executable (compiled from C) which I'd like to  
> run from within IDL using SPAWN. However, I'd like to refer  
> to the executable without prepending a pathname:  
>  
> IDL> spawn, "myprog", result  
>  
> instead of  
>  
> IDL>spawn,"/usr1/guest/bin/myprog", result  
>  
> I tried to append the "/usr1/guest/bin/" directory to my UNIX  
> path before starting an IDL session, but the path information  
> doesn't seem to be propagated into IDL.  
>

I'm pretty sure it uses PATH to determine the location of the program.

Try checking your PATH carefully to make sure that you haven't added it incorrectly. If you can run "myprog" from the command line you should be able to run it from within IDL.

What do you get if you run :

```
IDL> spawn,'echo $PATH'
```

--

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Nigel Wade, System Administrator, Space Plasma Physics Group,  
University of Leicester, Leicester, LE1 7RH, UK

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Phone : +44 (0)116 2523568, Fax : +44 (0)116 2523555

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Subject: Re: IDL and UNIX setenv  
Posted by [Daniel Peduzzi](#) on Mon, 18 Jun 2001 14:52:30 GMT  
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Nigel Wade wrote in message <9gkfmi\$jgv4\$2@rook.le.ac.uk>...

>  
> In article , "Daniel Peduzzi" <peduzzi@mediaone.net> writes:  
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> should be able to run it from within IDL.  
>

That's what I thought, too. Before I started IDL, I verified that I could run "myprog" from any directory as a result of extending the path correctly. But subsequently, I'm not able to SPAWN the program from within IDL without indicating its exact location.

> What do you get if you run :  
>  
> IDL> spawn,'echo \$PATH'  
>

I get the UNIX pathname BEFORE I extended the path. Not only that, but if I try to extend the PATH environment variable from within IDL, I still can't run "myprog". Boy, am I confused!

Dan

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Subject: Re: IDL and UNIX setenv  
Posted by [nmw](#) on Mon, 18 Jun 2001 15:01:53 GMT  
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In article , "Daniel Peduzzi" <peduzzi@mediaone.net> writes:

> Content-Transfer-Encoding: 7bit  
> X-Newsreader: Microsoft Outlook Express 4.72.3110.1  
> X-MimeOLE: Produced By Microsoft MimeOLE V4.72.3110.3  
> Message-ID: <OAOX6.3783\$P46.2298305@typhoon.ne.mediaone.net>  
> Date: Mon, 18 Jun 2001 14:52:30 GMT  
> NNTP-Posting-Host: 24.128.251.99  
> X-Complaints-To: abuse@mediaone.net  
> X-Trace: typhoon.ne.mediaone.net 992875950 24.128.251.99 (Mon, 18 Jun 2001 10:52:30 EDT)  
> NNTP-Posting-Date: Mon, 18 Jun 2001 10:52:30 EDT  
> Organization: Road Runner  
> Xref: leicester comp.lang.idl-pvwave:11510  
>  
>  
> Nigel Wade wrote in message <9gkfmj\$jgv4\$2@rook.le.ac.uk>...  
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>> IDL> spawn,'echo \$PATH'  
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> but if I try to extend the PATH environment variable from within  
> IDL, I still can't run "myprog". Boy, am I confused!  
>  
> Dan  
>  
>

What shell are you using?

I notice that in the subject you mention setenv which implies you are using csh/tcsh. AFIAK spawn will use sh so there may be some difference between the path you set in csh/tcsh and the path used by sh.

Are you actually setting and exporting PATH?

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