
Subject: Re: IDL_PATH

Posted by [Michael Galloy](#) on Wed, 31 Mar 2010 16:03:15 GMT

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On 3/31/10 3:11 AM, bing999 wrote:

> I am having trouble with my IDL_PATH defined in my .bashrc.

>

> Here is how it is defined:

>

> IDL_PATH="+\${my_path}/idl:/home/jim/lib/IDL:<IDL_DEFAULT >/home/bob/
> routines/:"

>

> export IDL_PATH

>

> Then it points to 3 directories (my IDL, jim's IDL and bob
> routines'). Note that "my path" is correctly defined before because
> wherever i am, i can call routines stored here.

> The thing is that when i add a new routine in \${my_path}/idl/ and i
> want to call it from another directory, i get the message: "Attempt to
> call undefined procedure/function" whereas it is well located in
> {my_path}/idl/....

>

> Does anyone know what goes wrong?

> Thanks.

I see a couple things. First, you are missing a ":" after
"<IDL_DEFAULT>", but that shouldn't affect finding routines in \$my_path/idl.

Check out the help for PATH_CACHE. IDL builds a cache of the .pro files
in the directories in the !path. If you slip a new file in later, you
have to manually compile it with something like:

```
IDL> .compile my_path/idl/my_routine
```

or rebuild the cache with:

```
IDL> path_cache, /rebuild
```

I usually just restart IDL.

Mike

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