
Subject: Re: Mind Boggling Problem with Map_Proj_Init
Posted by [pgrigis](#) on Fri, 01 Oct 2010 18:25:49 GMT
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[skip]

>
> You can find out which Map_Continents you are using
> by typing one or the other (or all!) of these IDL
> commands:
>
> IDL> Print, File_Which('map_continents.pro')

Also very useful from the solarsoft library
is "which.pro"

`ftp://sohoftp.nascom.nasa.gov/solarsoft/gen/idl/help/which.p ro`

```
IDL>which,'mrdfits',/all  
[...]/ssw/gen/idl/fits/mrdfits.pro  
[...]/ssw/gen/idl_libs/astron/fits/mrdfits.pro
```

This program will print the paths to *all* the
programs named mrdfits.pro (for very popular
programs I sometimes get 3 or 4 hits).
Then you just have to figure which of the 3 ones
you really really want to use (oten they are identical,
sometimes not).

Ciao,
Paolo

>
> IDL> .compile map_continents
> IDL> Help, /Source
>
> It should be the one that lives in an IDL lib directory!
>
> C:\Program Files\ITT\IDL\IDL80\lib\map_continents.pro
>
> Cheers,
>

> David
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>
> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Mind Boggling Problem with Map_Proj_Init
Posted by [David Fanning](#) on Fri, 01 Oct 2010 18:36:41 GMT
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Paolo writes:

> Also very useful from the solarsoft library
> is "which.pro"
>
> [ftp://sohohftp.nascom.nasa.gov/solarsoft/gen/idl/help/which.p ro](ftp://sohohftp.nascom.nasa.gov/solarsoft/gen/idl/help/which.pro)
>
> IDL>which,'mrdfits',/all
> [...]/ssw/gen/idl/fits/mrdfits.pro
> [...]/ssw/gen/idl_libs/astron/fits/mrdfits.pro
>
>
> This program will print the paths to *all* the
> programs named mrdfits.pro (for very popular
> programs I sometimes get 3 or 4 hits).
> Then you just have to figure which of the 3 ones
> you really really want to use (oten they are identical,
> sometimes not).

Yes, this is *extremely* common on UNIX machines, in particular. I don't know why. It's not uncommon, when I am tracking a problem for someone, to find 4-5 versions of the Coyote Library on someone's IDL path.

We should have a seminar on how to set up an IDL path and get updates when they are available! :-)

Mark Piper, how about it? This would be an excellent topic for one of your excellent hour-long seminars!

Cheers

David

--

David Fanning, Ph.D.
Fanning Software Consulting, Inc.
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Mind Boggling Problem with Map_Proj_Init
Posted by [Mark Piper](#) on Mon, 04 Oct 2010 20:55:48 GMT
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On Oct 1, 12:36 pm, David Fanning <n...@dfanning.com> wrote:

- > We should have a seminar on how to set up an IDL
- > path and get updates when they are available! :-)
- >
- > Mark Piper, how about it? This would be an excellent
- > topic for one of your excellent hour-long seminars!

Check! It's now on the list. This would help me, too, because I've been confused by the many different ways to set path, as well as the precedence of these different ways. Maybe we could discuss what particular topics should go into this webinar?

mp
