Subject: Re: Running IDL from the OS command line Posted by Craig Markwardt on Thu, 02 Sep 2004 19:26:46 GMT

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Paul Van Delst <paul.vandelst@noaa.gov> writes:

> Hello.

>

- > This is probably an easy question, but I couldn't find any information in hte IDL manuals
- > (mostly because I wasn't sure what the correct terminology was).

>

> Can you run regular old IDL .pro functions from the OS prompt?

Paul, you can run an IDL command *script* from the unix command line.

By "command script" I mean anything that you can load with @filename.pro from the command prompt. Just like the real command line, you can't use complex multi-line syntax, but you can call procedures that do.

You invoke it as idl filename.pro

Be sure to put any EXIT commands or whatever else you need to quit out. You don't need an END command since this is a command script.

I generally wrap my IDL command line invocations with a shell script that also sets up the IDL PATH.

Good luck, Craig

Craig B Markwardt Ph D FMAIL: craigmnet@REMOVE.cow.p.

Craig B. Markwardt, Ph.D. EMAIL: craigmnet@REMOVEcow.physics.wisc.edu Astrophysics, IDL, Finance, Derivatives | Remove "net" for better response

Subject: Re: Running IDL from the OS command line Posted by Paul Van Delst[1] on Thu, 02 Sep 2004 20:14:46 GMT View Forum Message <> Reply to Message

Craig Markwardt wrote:

- > Paul Van Delst <paul.vandelst@noaa.gov> writes:
- >

>

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>>

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Paul, you can run an IDL command *script* from the unix command line.

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- > procedures that do.

>

- > You invoke it as
- > idl filename.pro

- > Be sure to put any EXIT commands or whatever else you need to guit
- > out. You don't need an END command since this is a command script.

Ahh, cool. I knew it was something simple, I just couldn't find the info in the IDL docs.

I just tested it out in my makefile - beyooteeful. Instant Fortran95 HTML documentation. Lordy!

Thanks!

pauly

Subject: Re: Running IDL from the OS command line Posted by Nigel Wade on Fri, 03 Sep 2004 09:10:20 GMT View Forum Message <> Reply to Message

On Thu, 02 Sep 2004 14:09:45 -0400, Paul Van Delst wrote:

> Hello.

>

- > This is probably an easy question, but I couldn't find any information in hte IDL manuals
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>

> Can you run regular old IDL .pro functions from the OS prompt?

- > I adapted the IDL code "Create HTML Doc" to work on my Fortran95 code to produce web pages
- > of the header docs. I have a unix make file that bundles up all my Fortran source into
- > tarballs for delivery. What I would like to do is also generate the HTML files in the same
- > make file.

```
So, if I have call the code like so in IDL:
> IDL> create_f90_html_doc, filelist
>
> where filelist is an array of files to parse, is it possible to call this directly from
  the OS prompt?
>
  I'm pretty sure it is, but bugger me if I can figure out how.
>
  Thanks for any tips,
> paulv
You can use the shell 'here-document' operator <<.
$idl << EOF
create_f90_html_doc, filelist
exit
EOF
This also works in shell scripts.
Nigel Wade, System Administrator, Space Plasma Physics Group,
       University of Leicester, Leicester, LE1 7RH, UK
```

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