
Subject: Re: Running IDL from the OS command line
Posted by [Craig Markwardt](#) on Thu, 02 Sep 2004 19:26:46 GMT
[View Forum Message](#) <> [Reply to Message](#)

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

> Hello,
>
> This is probably an easy question, but I couldn't find any information in the 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. 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:
>
>
>> Hello,

>>
>> This is probably an easy question, but I couldn't find any information in the 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.

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 - beyootteeful. Instant Fortran95 HTML documentation.
Lordy!

Thanks!

paulv

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 the 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?
>
> 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
E-mail : nmw@ion.le.ac.uk
Phone : +44 (0)116 2523548, Fax : +44 (0)116 2523555
