
Subject: 'analyzing code' and # of pro files

Posted by [R.G.Stockwell](#) on Thu, 06 Dec 2007 15:55:10 GMT

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Just curious, how many *.pro files does everyone have?

This may be one thing that IDL hadn't properly gauged when they implemented the 'analyzing code' routines.

I did a quick search, and find 2959 files in my library. This includes several 'other author' libraries.

When I start IDL7, it takes 3.5 minutes to analyze code, and frankly I can't tell if those libraries are in my project.

The only thing my project shows is 'untitled'.

Subject: Re: 'analyzing code' and # of pro files

Posted by [Jean H.](#) on Thu, 06 Dec 2007 18:01:17 GMT

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R.G. Stockwell wrote:

> Just curious, how many *.pro files does everyone have?

about 6500... including close to 1500 from ITTVIS in my idl63 directory...

Jean

Subject: Re: 'analyzing code' and # of pro files

Posted by [Mike\[2\]](#) on Thu, 06 Dec 2007 18:38:50 GMT

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On Dec 6, 10:55 am, "R.G. Stockwell" <noem...@please.com> wrote:

> Just curious, how many *.pro files does everyone have?

1619 in our collection of standard libraries, which includes coyote's, mpfit, textoidl, and a couple of astronomy collections, plus our locally developed medical image libs.

A couple thousand more that make up various applications.

Mike

Subject: Re: 'analyzing code' and # of pro files

Posted by [wgallery](#) on Thu, 06 Dec 2007 20:01:57 GMT

On Dec 6, 12:20 pm, David Fanning <da...@dfanning.com> wrote:

> Don't worry, this is normal on UNIX systems. In my experience
> debugging other people's code, it is likely you have 15 versions
> of the Coyote directory in your path. And God knows how many
> versions of the Astro library, which is older yet. :-)
>
> Cheers,
>
> David
>
> --
> David Fanning, Ph.D.
> Fanning Software Consulting, Inc.
> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

FYI:

The idl-pvwave mode in emacs has a neat feature:
under IDLWAVE->Routine Info->Routine Shadows, click on 'Check
Everything'.

Emacs will then create a list of all duplicate instances of all
routines even if the routine is imbedded in a file of another name.
e.g. the routine cmcongrid is listed as appearing in three files as
shown below.

CMCONGRID()

- MyLib [L---] ~/Application Data/idl/markwardt/cmcongrid.pro
- MyLib [L---] ~/Application Data/idl/fanning/tvimage.pro
- MyLib [L---] ~/Application Data/idl/fanning/tvscale.pro

This feature could be useful if a library routine is not behaving as
expected: you may not be using the version you think you are.

(Note: I think you have to have cataloged your directories with
idlwave_catalog for this to work)
