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Subject: Re: 'analyzing code' and # of pro files  
Posted by [wgallery](#) on Thu, 06 Dec 2007 20:01:57 GMT  
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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)

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