## Subject: Re: idltags?
Posted by William Daffer on Mon, 05 Aug 2002 19:17:42 GMT
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shawn@young.net (Shawn) writes:

> Hello,
>     I am interested in getting something that makes a "tags" file for
> idl, the kind ctags makes.  I have found references to idltags in the
> archives of this group, but am not sure that it is what I am looking
> for.  I have tried to download it from the anonymous ftp site by
> following a link posted on the website,
> http://www.gsf.de/ILIAD/software/IDL/idl_www_sites.html. But the link
> is dead.  So, does anyone know if this software is still available,
> and does it make a ctags type file that I can use with "Vim" (Vi
> Improved)?
> Thanks,
> Shawn

  If you're an emacs user, look up idlwave-mode at http://idlwave.org/
  It uses etags to generate a tags table. If not, but you're still a
  unix user you might grab etags. The command that's called by
  idlwave-shell to generate the tags file is:


  etags --output=IDLTAGS --language=none \
    --regex='/[\\t]*[pP][Rr][Oo][ \\t]+\\([^ \\t,]+\\)/' \
    --regex='/[\\t]*[Ff][Uu][Nn][Cc][Tt][Ii][Oo][Nn][ \\t]+\\([^ \\t,]+\\)/' \
     foo.pro [... bar.pro ... etc.]

  where the newlines have been escaped for readibility.


  or

  etags --out...blah blah blah...   ./dir1/*.pro [ ... ./dir2/*.pro  ... etc.]


whd
--
CONTEMPT, n.  The feeling of a prudent man for an enemy who is too
formidable safely to be opposed.
 -- Ambrose Bierce: _The Devil's Dictionary_

## Subject: Re: idltags?
Posted by JD Smith on Mon, 05 Aug 2002 19:31:59 GMT

On Mon, 05 Aug 2002 06:19:42 -0700, Shawn wrote:

> Hello,
>     I am interested in getting something that makes a "tags" file for
> idl, the kind ctags makes.  I have found references to idltags in the
> archives of this group, but am not sure that it is what I am looking
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> http://www.gsf.de/ILIAD/software/IDL/idl_www_sites.html. But the link is
> dead.  So, does anyone know if this software is still available, and
> does it make a ctags type file that I can use with "Vim" (Vi Improved)?
> Thanks,
> Shawn


Idltags is available packaged with IDLWAVE, the Emacs IDL mode
(idlwave.org).  It's a perl script which calls etags (or ctags, your
preference), recursing through an entire directory structure of routines
if you wish.

You might be sure to change the first line to remove the "-d", which puts
you in Perl's debug mode.  The fact that this is still there shows you how
seldom this program is used.  IDLWAVE can also spawn etags internally,
from the "IDLWAVE->External->Generate IDL tags" command.  To be honest,
I'm not really sure what function this serves anymore within IDLWAVE,
which now has a much better mechanism for learning about your personal
library of IDL code (the "catalog"), and can jump directly to source, or
pull up as help, any .pro file it knows about.  Maybe I'll remove it in a
future release.  If you insist on vi ;) then idltags might still be useful
to you.

Good luck,

JD

## Subject: Re: idltags?
Posted by JD Smith on Mon, 05 Aug 2002 19:58:08 GMT

On Mon, 05 Aug 2002 12:17:42 -0700, William Daffer wrote:

> shawn@young.net (Shawn) writes:
>
>> Hello,
>>     I am interested in getting something that makes a "tags" file for

>> idl, the kind ctags makes.  I have found references to idltags in the
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>> http://www.gsf.de/ILIAD/software/IDL/idl_www_sites.html. But the link
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>   If you're an emacs user, look up idlwave-mode at http://idlwave.org/
>   It uses etags to generate a tags table. If not, but you're still a
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>   etags --output=IDLTAGS --language=none \
>     --regex='/[\\t]*[pP][Rr][Oo][ \\t]+\\([^ \\t,]+\\)/' \
>     --regex='/[\\t]*[Ff][Uu][Nn][Cc][Tt][Ii][Oo][Nn][ \\t]+\\([^
>   \\t,]+\\)/' \
>     foo.pro [... bar.pro ... etc.]
>
>   where the newlines have been escaped for readibility.
>
>
>   or
>
>   etags --out...blah blah blah...   ./dir1/*.pro [ ... ./dir2/*.pro  ...
>   etc.]

For vi, he'll want the ctags version of this call, which is the default
within the perl script "idltags".  Is anyone actually using the IDLTAGS
mechanism within Emacs and IDLWAVE?  They seem to have been superseded in
all ways by the user catalog.

I'd also like to gauge interest in the possibility of having multiple user
catalogs and system catalogs, which can be built automatically (e.g. in a
cron job).  For instance, all system libraries (like NasaLib, etc.) could
have a relatively static, site-wide catalog available to everyone on the
system, and one or more transient personal libraries could be stored in the same
way a user catalog is now.  Eventually, I'd like to convince the large
package maintainers to build and bundle such an IDLWAVE catalog with their
packages, which would be found automatically, relieving the user the need to
build them, and providing a much larger collection of routines IDLWAVE
knows about without being told to look.


JD