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Subject: Re: Does anybody know an 'undocumented IDL feature' that does this  
Posted by [R.Bauer](#) on Thu, 21 Feb 2002 09:00:17 GMT

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Paul Hick wrote:

>  
> Is there a way to get a complete list of function/procedure names that  
> any given IDL procedure needs to function properly? IDL has to do just  
> that when it reads a .pro file, and decides what to do with it. The  
> question is how to get to that information.  
>  
> Look at [http://casswww.ucsd.edu/solar/help/pro\\_frames.htm](http://casswww.ucsd.edu/solar/help/pro_frames.htm) to see what  
> I'm trying to do. For a given package of IDL procedures I'm trying to  
> get two pieces of related information:  
>  
> 1. which procedures does procedure A depend on;  
> 2. (more interesting) which procedures depend on procedure A.  
>  
> Given the first for all procedures in the package, I know how to get the  
> second. The first I now have to put in by hand as part of the  
> documentation, a somewhat boring and error-prone task. Would be nice to  
> get it automated.  
>  
> Any ideas?

We do have a routine which find all dependencies of a given routine

I am using this for our catalog and this is one of the database  
outputs for array2htmltable.

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/array2htmltable\\_dbase.pro.html](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/array2htmltable_dbase.pro.html)

The information comes from this package,

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/resolve\\_dependencies.tar.gz](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/resolve_dependencies.tar.gz)

Another package which might be interesting is

[http://www.fz-juelich.de/icg/icg-i/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/helpon.tar.gz](http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/dbase/download/helpon.tar.gz)

helpon,'get\_dir'

% Compiled module: GET\_DIR.

% Compiled module: GET\_DIR.

function get\_dir,inpath,sort=sort,all=all

helpon,'get\_dir',/info

STR\_SEP

/usr/local/idl/idl/lib/obsolete/str\_sep.pro

2001-08-29 13:08:28

FILE\_EXIST

/usr/local/icg/icg/idl\_source/idl\_links/file\_exist.pro

2001-06-22 09:44:02

GET\_DIR

/usr/local/icg/icg/idl\_source/idl\_work/rb\_lib/get\_dir.pro

2001-06-14 16:02:32

REPLACE\_STRING

/usr/local/icg/icg/idl\_source/idl\_links/replace\_string.pro

2001-02-13 16:08:30

GET\_TEMPLATE\_ONE\_VALUE

/usr/local/icg/icg/idl\_source/idl\_links/get\_template\_one\_value.pro

2000-08-17 10:40:08

BUILD\_VECTOR

/usr/local/icg/icg/idl\_source/idl\_links/build\_vector.pro

2000-06-18 08:07:48

CALL\_HELP

/usr/local/icg/icg/idl\_source/idl\_links/call\_help.pro

1999-11-06 16:44:28

more routines and information at

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

Reimar

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<http://www.fz-juelich.de/icg/icg1/>

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a IDL library at Forschungszentrum Juelich

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_lib\\_intro.html](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html)

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>

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