
Subject: Does anybody know an 'undocumented IDL feature' that does this
Posted by [Paul Hick](#) on Wed, 23 Jan 2002 03:23:31 GMT

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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 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?

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:

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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

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

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

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

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/zb/text/publikation/juel3786.html>