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Subject: Re: compiling before needing  
Posted by [R.Bauer](#) on Thu, 13 Sep 2001 07:43:55 GMT  
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Todd Clements wrote:

>  
>> My programm consists of several functions and procedures in  
>> corresponding files. Is there a way of automatically compiling all files  
>> (functions/procedures) before they are needed  
>  
> Reimar is right - just stick a resolve\_all at the beginning of the  
> function that is called, and IDL will resolve all routines.  
>  
> I've also written a routine that will do this much, much more manually  
> (which isn't what you wanted, but I thought I'd share anyway). It will  
> let you check if a routine is compiled and you can optionally force it  
> to compile. The /compile keyword will compile it if it's not already  
> compiled, and the /force\_compile keyword will compile it even if it's  
> already compiled. The function returns 1 if the routine is compiled and  
> 0 if it is not.  
>  
> Todd  
>

In addition to Todd here is a routine to compile all routines used  
in a routine and the routine itself. The result is saved as idl Routine  
sav file.

If it is a procedure it could be started with idl runtime.

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/compile.tar.gz](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/compile.tar.gz)

IDL> compile,'str\_sep'

A routine which finds a lot of information of routines used by one  
routine is helpon.

[http://www.fz-juelich.de/icg/icg1/idl\\_icglib/idl\\_source/idl\\_html/dbase/download/helpon.tar.gz](http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_source/idl_html/dbase/download/helpon.tar.gz)

look for routine definition

IDL> helpon,str\_sep

function str\_sep, str, separator, remove\_all = remove\_all, trim = trim,  
esc=esc

IDL> helpon,str\_sep,/info

STR\_SEP /usr/local/idl/idl/lib/obsolete/str\_sep.pro 2000-09-26

15:08:07

```
IDL> helpon,get_dir ,/info
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
STR_SEP
/usr/local/idl/idl/lib/obsolete/str_sep.pro
2000-09-26 15:08:07
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
```

This routine helps us often to find out which routine was last changed and where it comes from.

There are some more keywords.

regards  
Reimar

--  
Reimar Bauer

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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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read something about linux / windows  
<http://www.suse.de/de/news/hotnews/MS.html>

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