
Subject: Re: One file for each procedure/function?
Posted by [R.Bauer](#) on Fri, 19 Apr 2002 12:49:37 GMT
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Pepijn Kenter wrote:

>
> Hi all.
>
> I'm currently writing analyses software (small programs plus routines) for
> an ozon measurement device and I'm new to IDL. A lot of the routines and
> programs have already been written and are ready for me to use. These
> routines have been grouped together in a few .pro files. These files are
> then compiled explicitly (by .compile statements) in the main programs. The
> programs are called from the command line.

Dear Pepijn,

the normal way for routines without widgets is to have only one routine per file.

A widget has more as one routine. I am organizing all widget routines e.g.

event_handler, init, set and get routine in one file.

To prevent conflicts with other routines I set as base name to all routines

inside a file the same name.

e.g. "x_test.pro"

x_test_event,event

x_test

The other question is more about how to organize a library.

Some parts of a library is from external users and some are from members of your group.

We did set up a path of idl_lib for external libraries and a path idl_work

for our programmers. In the comment header of each routine

the routine is described and a category entry shows where it belongs too.

This header is used to build an online help system (html/javascript).

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl_html/idl_work_libraries.htm

The files are organized in user lib directories. All pathes are collected

with one startup file to !path.

http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl.all

To get the most speed in searching idl routines by idl is to have all

routines
in one directory.

This is quite easy by unix with links. Our idl file server is a unix machine.

All needed routines are linked into one idl_links path.

hope this helps a bit

regards

Reimar

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a IDL library at ForschungsZentrum Juelich

http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml

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