## Subject: Using idlrt.exe
Posted by notspecified on Wed, 10 Jul 2002 17:58:19 GMT
View Forum Message <> Reply to Message

We've succeeded, with various hoo-doo spells and leaps of imagination,
to run .sav files without the IDL interpreter interface-- But we have
a lingering feeling that it would be nice to have some documentation.
Or at least some assurance that our .sav routines will continue to
work in runtime IDL versions-to-come... -Is- there actual
documentation for idlrt.exe anywhere (assuming that this is, in fact,
how the trick is done)? Does anyone have reliable knowledge about how
it all works?

Matt Feinstein    does not include his email address
             in the text of usenet postings.
--------
Harvard Law of Automotive Repair: Anything that goes away
by itself will come back by itself.

## Subject: Re: Using idlrt.exe
Posted by R.Bauer on Wed, 10 Jul 2002 21:27:01 GMT
View Forum Message <> Reply to Message

Matt Feinstein wrote:
>
> We've succeeded, with various hoo-doo spells and leaps of imagination,
> to run .sav files without the IDL interpreter interface-- But we have
> a lingering feeling that it would be nice to have some documentation.
> Or at least some assurance that our .sav routines will continue to
> work in runtime IDL versions-to-come... -Is- there actual
> documentation for idlrt.exe anywhere (assuming that this is, in fact,
> how the trick is done)? Does anyone have reliable knowledge about how
> it all works?
>
> Matt Feinstein    does not include his email address
>              in the text of usenet postings.
> --------
> Harvard Law of Automotive Repair: Anything that goes away
> by itself will come back by itself.


Dear Matt,

there is a small amount of rules you should know.
* !PATH does not exist in runtime

* the filename of the routine have to be the same as
  the calling procedure.
* EXECUTE won't work (e.g. read_ascii uses EXECUTE)
* nothing could be compiled but other compiled routines
  could be loaded.
  This means you can separatly build runtime modules
  for each routine or one for a routine with all dependent
  routines.

* if a compiled routine is in  the search path then this
  routine is loaded instead of compiling the source by
  working with the interpreter.

* calling is idl -rt=./my_runtime.sav


All routines of our library are compiled by this routine:

 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl _html/dbase/download/compile.tar.gz

for example

url_get -o x_def_colortable.sav
 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_source/idl
_html/dbase/download/x_def_colortable.sav
idl -rt=./x_def_colortable


Further routines you find at

 http://www.fz-juelich.de/icg/icg-i/idl_icglib/idl_lib_intro. html

regards

Reimar

--
Reimar Bauer

Institut fuer Stratosphaerische Chemie (ICG-I)
Forschungszentrum Juelich
email: R.Bauer@fz-juelich.de
 ------------------------------------------------------------ -------
      a IDL library at ForschungsZentrum Juelich
  http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.h tml
 ============================================================== =======