
Subject: Re: Using idlrt.exe

Posted by [R.Bauer](#) on Wed, 10 Jul 2002 21:27:01 GMT

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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

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a IDL library at ForschungsZentrum Juelich
http://www.fz-juelich.de/icg/icg1/idl_icglib/idl_lib_intro.html

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