
Subject: Re: Detecting IDLDE or runtime

Posted by [Martin Schultz](#) on Tue, 27 Mar 2001 11:16:48 GMT

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Oliver Smith wrote:

>
> Hi,
>
> The short question:
> Is there a way to detect if an IDL program is running in the development
> environment, or as a run-time .sav file?
>
> The !version system variable shows no difference between IDLDE and runtime.
>
> The reason:
> I've written a fairly extensive project in IDL that will shortly be shipped
> to colleagues. I'd like them to have the option of using the runtime
> version saved as, 'CUSTARD.sav'. My program has the ability to detect user
> written plugins named 'plugin*.pro' located in an appropriate directory. The
> program searches for these files, then compiles and runs one using
> CALL_PROCEDURE.
>
> All works fine if the project is built and run in the IDL development
> environment, however, if the runtime version is used then, not surprisingly,
> CALL_PROCEDURE doesn't work (unless the particular plugin was included in
> the project at build time). I don't have a problem with this functionality
> of IDL, and I have a work around that includes a list of available plugins
> included in the save file at build time. The problem is detecting whether
> the software should look at this list, or search for additional plugins and
> try to use call_procedure.
>
> Cheers,
>
> Oliver

No idea about this, sorry. But couldn't you do something like this:

```
plugins = findfile(repository+'*.pro')
IF plugins NE "" THEN BEGIN
  FOR i=0,N_Elements(plugins)-1 DO BEGIN
    resolve_routine, plugins[i] ;; may need to determine if it is
a pro or function
    print, 'Compiled routine '+plugins[i]
  ENDFOR
ENDIF
```

Don't forget to install a CATCH error handler, though!

Cheers,
Martin

--

```

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```

Subject: Re: Detecting IDLDE or runtime
Posted by [R.Bauer](#) on Tue, 27 Mar 2001 11:24:09 GMT
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Oliver Smith wrote:

>
> Hi,
>
> The short question:
> Is there a way to detect if an IDL program is running in the development
> environment, or as a run-time .sav file?

Use lmgr(/runtime)

The online help says:

The LMGR function tests whether a particular licensing mode is in effect. The function returns True (1) if the mode specified is in effect, or False (0) otherwise. Different licensing modes are specified by keyword; see the "Keywords" section below for a description of each licensing mode.

The LMGR function can also force IDL into time demo mode or report the LMHostid number for the machine in use.

For more information on IDL's licensing methods, consult the IDL License Management Guide, which is included in Adobe Acrobat Portable Document Format on your IDL CD-ROM.

regards
Reimar

--

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<http://www.fz-juelich.de/icg/icg1/>

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

<http://www.fz-juelich.de/zb/text/publikation/juel3786.html>
