Andrew Cool wrote:
> Jonathan Joseph <jj21@cornell.edu> wrote in message
news:<ca7qcv$8bl$1@news01.cit.cornell.edu>...
>
>> Is there a way to query whether or not you have permission to write an
>> LZW compressed tiff file?
>
> Try issuing the command Help,/DLM,OUT=a
> This will return a list of all the DLMs that IDL knows about, even if
> they haven't been loaded in that session yet.
>
> IDL> help,/dlm,out=a
> IDL> gif=where(strmid(a,0,6) EQ '** GIF')
> IDL> print,a(gif)
> ** GIF - IDL GIF support (not loaded)
>
> If GIF reurns as -1, then you ain't got GIF available

That reminds me--I wrote some code to solve a similar problem, ie
determining if the AVI DLM is loaded. I spent a bit of time making it as
fast & robust as possible. See below

--
Mark Hadfield   "Ka puwaha te tai nei, Hoea tatou"
m.hadfield@niwa.co.nz
National Institute for Water and Atmospheric Research (NIWA)

:...................................
;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;;

function MGH_HAS_AVI

   compile_opt DEFINT32
   compile_opt STRICTARR
   compile_opt STRICTARRSUBS

   common mgh_has_avi_common, has_avi

   ;; Detect the DLM by parsing out from HELP. DLMs are normally
   ;; registered when an IDL session is initialised, so this test is
   ;; done only on the first call..

   if n_elements(has_avi) eq 0 then begin

      help, /DLM, OUT=info

```
    has_avi = max(strmatch(temporary(info), '\*\* IDL_AVI *')) gt 0

  endif

  return, has_avi

end
```