Subject: Re: How to get file UNIT from file NAME? Posted by Paul Van Delst[1] on Tue, 26 Feb 2008 19:22:19 GMT

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Vince Hradil wrote:
> On Feb 26, 12:27 pm, Paul van Delst <Paul.vanDe...@noaa.gov> wrote:
>> Hello.
>>
>> Is it possible to get a file UNIT from a file NAME? For example, in Fortran95 you can do,
>>
     INQUIRE(FILE=Filename, NUMBER=FileID)
>>
>>
>> i.e. supplying a Filename yields its associated unit number, FileID (which is -1 if no
   unit is connected to the file)
>>
   Is there an equivalent IDL command? FSTAT requires one to supply a UNIT argument, which
>>
is
>> opposite of what I need, i.e. similar to the f95
>>
     INQUIRE( UNIT=FileID, NAME=Filename )
>>
>>
   Basically I want to be able to derive all the necessary info about the file, in particular
   answering the "Is it open? If so, what unit number?" guestions just from the filename.
>>
>> Any info appreciated.
>>
>> cheers,
>> paulv
  You could loop through all possible luns (1:128) and check to see if
> they are open:
>
> for i=1, 128 do begin
   a = fstat(i)
>
   if a.open eq 1 then print, 'File ' + a.name + ' is open as LUN ' +
> string(i,format='(I3.3)')
> endfor
Yeah... I guess that would work. But.... uff da! :o)
cheers.
paulv
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