
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?" questions 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
