Subject: Re: How to get file UNIT from file NAME? Posted by Vince Hradil on Tue, 26 Feb 2008 18:57:32 GMT

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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
```