
Subject: Network file problem with FSTAT() in IDL 5 under Win95

Posted by [David P. Steele](#) on Thu, 03 Jul 1997 07:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

Name: David Steele

E-Mail Address: David.Steele@usask.ca

IDL Version: { x86 Win32 Windows 5.0 Apr 28 1997 }

Platform and OS: Intel; Windows 95

Description of Problem: -----

Using IDL 5.0 FSTAT() under Win95 to examine network files, i.e., those on drives accessed via Windows 95 peer-to-peer networking, the file size returned is always large and negative. I have seen values of -1,058,128,016 bytes, -1,057,927,312 bytes, and -1,058,119,824 bytes. The file size returned is consistent for files ranging in size from < 1 KB to > 40 MB. Rebooting the PC hosting the network drive changes the returned size, which then remains consistent until the next network host reboot. Windows Explorer returns the correct file size.

FSTAT has no problem with files on local drives. IDL 4.01b STAT() (running under Win95 on the host of the network drive) correctly returned the file size for a file on another network drive.

Example Code: -----

```
OpenR,lun,'d:\w95undo.dat',/Get_LUN
Help,/St,FSTAT(lun)
** Structure FSTAT, 12 tags, length=36:
UNIT      LONG      100
NAME      STRING    'd:\w95undo.dat'
OPEN      BYTE      1
ISATTY    BYTE      0
ISAGUI    BYTE      0
INTERACTIVE  BYTE    0
READ      BYTE      1
WRITE     BYTE      0
TRANSFER_COUNT LONG    0
CUR_PTR   LONG      0
SIZE      LONG    -1058128016
REC_LEN   LONG      0
```

Known Workarounds or Fixes: -----

None known.

RSI Tech Support Response: -----

Not yet submitted; I'm not on Tech Support.

David P. Steele Ph: (306) 966-6447
ISAS, University of Saskatchewan Fax: (306) 966-6400
116 Science Place David.Steele@usask.ca
Saskatoon SK S7N 5E2 DANSAS::STEELE
