
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

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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.

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