
Subject: Reading F77 on Windows platforms
Posted by [SSO](#) on Wed, 24 Apr 2002 11:52:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

I have problems reading F77-unformatted files when running idl on a Windows 2000 platform. Opening the file (with ,/f77) works, but as soon as I try to read something, an error message claiming 'corrupted f77 file' shows up. The program works fine though on a Unix station, so the f77-file should be ok. According to the manual (for idl 5.5) the F77 should work both on Unix and Windows.

In Fortran the file is created like this:
open (<unit>,file=<name>, form='unformatted')
write (<unit>) var1, var2, ...

If opening the file in idl without the '/f77' keyword I dont get any complaints about corrupt file, but I then get problems retrieving the data. On Unix I am able to trace the file content in 4-bytes words (word by word) and it looks all fine. On Windows, however, I dont get the same results. Why??

(Explanation: For example using "point_lun, <unit>, <pos>" followed by the reading of a variable ("readu,<unit>, <var>") gives a totally different content of <var> on Unix and Windows...). Does Unix and Windows treat longword, float or characters differently when reading unformatted data in idl?

Many thanks for any help!
Sverre
