
Subject: OPENR F77 SWAP_IF_LITTLE_ENDIAN

Posted by [MarioIncandenza](#) on Mon, 06 Apr 2015 18:04:02 GMT

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```
; open and write a file using F77_UNFORMATTED
IDL> openw,lun,/get_lun,/f77,'/tmp/test_f77'
IDL> writeu,lun,long(2015032518),float(6),long(0)
IDL> free_lun,lun
; read the file back in
IDL> openr,lun,/get_lun,/f77,'/tmp/test_conc'
IDL> qq1=long(0) & qq2=float(0) & qq3=long(0)
IDL> readu,lun,qq1,qq2,qq3
IDL> print,qq1,qq2,qq3
  2013052306    6.00000      0
IDL> free_lun,lun
; now try reading it with /SWAP_IF_LITTLE_ENDIAN
IDL> openr,lun,/get_lun,/f77,'/tmp/test_conc',/swap_if_little_end ian
IDL> readu,lun,qq1,qq2,qq3
% READU: Corrupted f77 unformatted file detected. Unit: 100
      File: /tmp/test_conc
% Execution halted at: $MAIN$
```

Has anyone encountered this behavior?

--Edward H.
