
Subject: Re: Problem in reading binary file

Posted by [Russell Ryan](#) on Wed, 27 Jun 2012 19:14:24 GMT

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On Wednesday, June 27, 2012 3:48:41 AM UTC-4, fada...@gmail.com wrote:

> Dear all

> I have a problem to reading a binary file that has been written by Fortran program. how I can read the binary file from fortran program. I run this command and i got this error. please see it my problem and give me solution. I am appreciating in advance. please look the program.

> infile = 'C:/Users/fadaei/IDLWorkspace80/DEM.dat' ;Input file name

> IDL>

> IDL> OPENR, iunit, infile, /GET_LUN ;Open input file

> IDL>

> IDL> n = 0 ;Make n a LONG

> IDL> m = 0 ;Make m a LONG

> IDL> READU, iunit, n, m ;Read n and m

> IDL>

> IDL> i = LONARR(n, n, n) ;Create i array

> IDL> z = FLTARR(m, m) ;Create z array

> IDL> b = BYTARR(m, m) ;Create b array

> IDL> READU, iunit, i, z, b ;Read i, z, and b

> IDL>

> IDL> FREE_LUN, iunit ;Close output file

> IDL>

> IDL> HELP, n, m, i, z, b ;Print variable info

> IDL> PRINT, z[0:3,0:3] ;Print part of z

> % OPENR: Error opening file. Unit: 100, File: C:\Users\fadaei\IDLWorkspace80\DEM.dat

> The system cannot find the file specified.

> % Error occurred at: \$MAIN\$

> % Execution halted at: \$MAIN\$

> % READU: Variable is undefined: IUNIT.

> % Error occurred at: \$MAIN\$

> % Execution halted at: \$MAIN\$

> % Array dimensions must be greater than 0.

> % Error occurred at: \$MAIN\$

> % Execution halted at: \$MAIN\$

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> % Error occurred at: \$MAIN\$

> % Execution halted at: \$MAIN\$

> % READU: Variable is undefined: IUNIT.

> % Error occurred at: \$MAIN\$

> % Execution halted at: \$MAIN\$

> % FREE_LUN: Variable is undefined: IUNIT.

> % Error occurred at: \$MAIN\$

> % Execution halted at: \$MAIN\$

```
> N      INT    =    0
> M      INT    =    0
> I      UNDEFINED = <Undefined>
> Z      UNDEFINED = <Undefined>
> B      UNDEFINED = <Undefined>
> % Variable is undefined: Z.
> % Error occurred at: $MAIN$
> % Execution halted at: $MAIN$
> best, Hadi
```

The first error is the only one that matters. The error is that the file
C:\Users\fadaei\IDLWorkspace80\DEM.dat does not exist. You have the path and/or the name of
the file incorrect.
