
Subject: Problem in reading binary file

Posted by [hadi](#) on Wed, 27 Jun 2012 07:48:41 GMT

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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: $MAIN$
```

```
% Array dimensions must be greater than 0.
```

```
% Error occurred at: $MAIN$
```

```
% Execution halted at: $MAIN$
```

```
% Array dimensions must be greater than 0.
```

```
% 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
```
