

I'm trying to read and plot (surface) a very big text (.txt) file (1020, 1024) with a 5 line string Header in IDL. My file looks like a circle made of numbers!!!. That means in some lines and columns there are no numbers only blanks!!!for example my file contains integers between rows 633 and 390 and between columns 650 and 406. At the left side of the file, there are the numbers of rows (1023,1022,1021,...,0) my code should not read, but it does. And I also notice, that my code don't begin to read where the data starts!!By running the code I have the following error message: READF: End of file encountered. Unit: 1. Can someone help me?
This is how my code looks like
pro readfile, filename

```
; file=strupcase(filename)
rows=file_lines(file)
;open the file and read the five line header.
  openr,1,file
  header=strarr(5)
  readf,1,header
; Find the number of columns in the file
  cols=fix(strmid(header(3),14,4))
; Number of rows of the data
  rows_data=rows-n_elements(header)

;Create a big array to hold the data
  data=intarr (cols, rows_data)
; All blanks should be replaced by zero
  data[where(data eq ' ')] = 0
; A small array to read a line
  s=intarr(cols)
  n=0
  while (~ eof(1) and (n lt rows_data -1 )) do begin
    ; Read a line of data
    readf,1,s
    ; Store it in data
    data[*,n]=s
    n=n+1
  end
  data=data[*,0:n-1]

  CLOSE,1
  Shade_surf, data
end
```

thanks

incognito
