Subject: Reading and Plotting big txt. File Posted by incognito.me on Wed, 01 Aug 2007 09:33:16 GMT View Forum Message <> Reply to Message

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 colums 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=0while (~ eof(1) and (n It rows data -1)) do begin : Read a line of data readf.1.s ; Store it in data data[*,n]=s n=n+1end data=data[*,0:n-1] CLOSE,1 Shade_surf, data end

thanks

incognito