Subject: Re: ASCII import
Posted by lbusett@yahoo.it on Wed, 29 Mar 2006 15:16:08 GMT
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Hi Marco,

What about something like this ?

```
pro multiple_conversion

; Define image dimensions

     n_col = 2400L
     n_row = 2400L
     arr_dim = n_col*n_row
     tmp_array = fltarr (arr_dim)

; Select Input Files

     file_list = dialog_pickfile ( title = 'Select files to convert',
/multiple_files)

    ; Begin the for loop to convert each file

    for file = 0, n_elements(file_list-1) do begin

 openr, in_lun, file_list [file], /get_lun ; Open the file
 readf, in_lun, tmp_array         ; Store data in a temporary array

;"Create" a square image from tmp_array

 tmp_image = reform (tmp_array, n_col,n_row)
 out_filename = file_list[file] + '_envi'   ; Define output file

 ; Write envi output file
 ENVI_WRITE_ENVI_FILE, tmp_image, out_name=out_filename   free_lun,
in_lun
    endfor
end
```

I didn't test it, so it's possible that it doesn't work, but I think
that this is a possible approach: Just select the files that you need
to convert, then read one file at a time with a simple READF
instruction, "reform" the data into a square matrix and write an output
with the ENVI dedicated write function (ENVI_WRITE_ENVI_FILE). You just
have to be sure that there is no header in your .txt files: otherwise,
you have to skip the header lines before you read "tmp_array".

Hope this helps,

Lorenzo

none wrote:
> well jeff, thanks for your patience...
> the file is made of 5,760,000 numbers, resulting in an image of 2400
> columns * 2400 rows. the second number should be the pixel [0,1] and so
> on, till the number #2401 that becomes the pixel [1,1].
> thanks
> marco
