
Subject: Re: Unable to allocate memory: to make array for panchromatic file
Posted by [phamlien24](#) on Thu, 31 Jul 2014 08:47:46 GMT

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On Thursday, 31 July 2014 19:40:55 UTC+12, phaml...@gmail.com wrote:

> I would like to create a file image from panchromatic image with the new image = the
panchromatic *0.05678345/0.2846000 in IDL. However, the result has error:

>

> % Unable to allocate memory: to make array.

>

> Not enough space

>

> % Execution halted at: Q_RAD_SIXSIN_GEN_P_221936 35

>

>

>

> This is my code:

>

>

>

> PRO q_rad_sixsin_gen_p_221936

>

> ENVI, /RESTORE_BASE_SAVE_FILES

>

> ENVI_BATCH_INIT, LOG_FILE='batch.txt'

>

>

>

> input_dir = 'D:\BA34\Panchromatic\BA34_pan_221936_10oct25'

>

> input_dir_name_lenght=STRLEN(input_dir)

>

> imagelist=FILE_SEARCH('D:\BA34\Panchromatic\BA34_pan_221936_
10oct25*.tif',COUNT=count)

>

>

>

> COMPILE_OPT IDL2

>

> FORWARD_FUNCTION ENVI_GET_DATA, ENVI_GET_MAP_INFO

>

>

>

> FOR h=0, count-1 Do Begin

>

> path_filename=imagelist[h]

>

>

```

>
>
>
> K_pan= 0.05678345
>
>
>
> Pan_Width= 0.2846000
>
>
>
>   envi_open_file, imagelist[h], r_fid=fid,NO_REALIZE=1
>   ENVI_FILE_QUERY,fid,DIMS=dims,NS=ns,NL=nl,sname=sname
>   map_info=envi_get_map_info(fid=fid)
>   filenamelength=STRLEN(sname)
>   outname=STRMID(sname,0,filenamelength-4)
>   dims=[-1L, 0, ns-1, 0, nl-1]
>   pan   = ENVI_GET_DATA(FID=fid,dims=dims,pos=0)
>   br=fltarr(ns,1,nl)
>   br = (pan *(K_pan)/(Pan_Width))*0.1
>   envi_write_envi_file, br, map_info=map_info, out_name=outname+'_rad.dat', r_fid=fid,
interleave=1
>
>   envi_file_mng, id=fid, /remove
>
>
>
>
>   ENDFOR
>
>   END
>
>
>   Thanks so much for your help.
>
>
>

```

> Lien

Thanks so much for your help, Fabien.
