
Subject: Re: Unable to allocate memory: to make array for panchromatic file

Posted by [phamlien24](#) on Thu, 31 Jul 2014 08:47:46 GMT

[View Forum Message](#) <> [Reply to Message](#)

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.
