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

Posted by [phamlien24](#) on Thu, 31 Jul 2014 07:40:55 GMT

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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_length=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)
  filename_length=STRLEN(sname)
  outname=STRMID(sname,0,filename_length-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

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