
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_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
