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Subject: Message error after 200 iterations using MCTK in IDL  
Posted by [laureroupioz](#) on Wed, 15 Jul 2009 13:10:27 GMT  
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Hello,

I'm using the command `convert_modis_data` in order to convert and reproject my `MCD43B3*.hdf` products.

I have 276 files (6 tiles for every 8 days products), the script runs well for 200 files and then gives this message error: "unable to attach to specified grid. Check name against HDF file contents" and then: "Attempt to call undefined procedure/function: 'EOS\_GD\_CLOSE'." Different runs have been performed changing the order of the processed files in order to exclude the possibility of a problem coming from a particular dataset.

To avoid a memory problem, each dataset converted and reprojected is removed immediatly for the ENVI 'available bands list' window.

Here is an part of the script used:

```
convert_modis_data, IN_FILE=grid_file, $
  OUT_PATH=pathout, OUT_ROOT=output_rootname, $
  /higher_product, /grid, SD_NAMES=sd_names, GD_NAME = grid_name, $
  OUT_METHOD=out_method, OUT_PROJ=output_projection, $
  NUM_X_PTS=50, NUM_Y_PTS=50, INTERP_METHOD=interpolation_method, $
  BACKGROUND=-10, FILL_REPLACE_VALUE=-10, OUT_PS_X=1000., $
  OUT_PS_Y=1000., R_FID_ARRAY=envi_fids, R_FNAME_ARRAY=fnames
```

```
; use to remove from the 'available bands list' of ENVI
FOR i=0
  ENVI_FILE_MNG, ID=envi_fids, /REMOVE
```

Do you have an idea why the script stops after 200 iterations and how I can solve this problem?  
Thank you for your help.

Laure.

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