
Subject: Re: Message error after 200 iterations using MCTK in IDL

Posted by [devin.white](#) on Wed, 15 Jul 2009 13:25:01 GMT

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The latest version of MCTK includes a fix for this issue, which actually relates to a limitation in the underlying HDF library used by MCTK. If you go to the Code Library section of the ITT VIS website and search for "MODIS", you'll find an entry for MCTK that includes a download link.

On Jul 15, 9:10 am, laureroupioz <laureroup...@gmail.com> wrote:

> 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.
