
Subject: HDF object/tag retrieval

Posted by [leatherback](#) on Tue, 18 Sep 2007 08:08:26 GMT

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Dear All,

For the past 2 weeks I have been trying to find an automated way to get my MODIS MYD09A1 HDF images opened, retrieve some parameters, and spit out a geotiff for each grid in the file.

I have gotten as far as retrieving the grid, and slumbering around writing the GeoTiff (Anybody got an easy routine to take a projection structure and use that in one step to create a geotiff tag?). But I am stumped on getting the metadata.

When I use the HDF_SD_ATTRINFO command, all the global attribute are there, but the individual tags cannot be accessed: All data is just one big string of nested information. how do I go one level deeper, and get the actual tag => Value combinations out of this (e.g.: GRANULEBEGINNINGDATETIME value: 2002-07-3 07:53:22)? Also: is there a way to retrieve a listing of all the tags available?

I am a bit confused by the way to access all these parameters, and the IDL manual is not too useful on the topic.

Cheers,

Jelle.
