Subject: Re: HDF object/tag retrieval
Posted by leatherback on Tue, 18 Sep 2007 15:54:57 GMT
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Dear Liam,

Thank you for your reply.

I see the solution you are offering. I'll give that a go. A subproblem problem I have, is that all the functions I can find in IDL to retrieve tag values, require you to know the tag ID and/or string to retrieve the value. But I have not been able to find a way to create a listing of these values. Would you know how to get this out?

I tried the HEG tool, which I was unable to get to work in batch mode. I'll have a look at the other tools. Ideally I run the IDL route, as all my processing at the moment is done in IDL, and it allows me to have one linux box downloading my timeseries/images as they become available, and then have IDL check whether newer data is available, and process the lot whenever i need updated info.

Cheers,

Jelle.

On Sep 18, 3:26 pm, liamgum...@gmail.com wrote:
> Dear Jelle,
>
> The following IDL function is designed to extract a single PVL object
> from a PVL formatted string, such as the CoreMetadata.0 global
> attribute in MODIS HDF files.
>
> ftp://ftp.ssec.wisc.edu/pub/incoming/get_metadata.pro
>
> Here's an example. Note that hdf_sd_attinfo.pro is available
fromhttp://gumley.com/PIP/Free_Software.html.
>
> ; Read a global attribute containing global metadata
> file = 'MOD021KM.A2000115.1710.002.2000119195542.hdf'
> hdfid = hdf_sd_start(file)
> info = hdf_sd_attinfo(hdfid, '', 'CoreMetadata.0', /global)
> hdf_sd_end, hdfid
>
> ; Extract a PVL object
> pvlstring = info.data
> objstring = 'RANGEBEGINNINGDATE'
> result = get_metadata(pvlstring, objstring)
> print, result

>
> On a final note, you might be able to find a better tool for creating
> GeoTIFF files from the MYD09A1 product. Here are a few options.
>
> HDFLookhttp://www-loa.univ-lille1.fr/Hdflook/hdflook_gb.html
>
> MRTSwathhttp://edcdaac.usgs.gov/landdaac/tools/mrtswath/
>
> HEGhttp://newsroom.gsfc.nasa.gov/sdptoolkit/HEG/HEGHome.html
>
> Cheers,
> Liam.
> Practical IDL Programminghttp://www.gumley.com/
