
Subject: Re: reading multiple HDF files

Posted by [julia.walterspiel](#) on Wed, 16 Jul 2008 13:27:27 GMT

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well, it works, it doesnt, then it does, then it doesnt..
???????

here's the small code, if one of you could look at it quickly? I'm pretty sure, the error will strike you immediatley. However, it doesn't strike ME.

PRO read_multiple_hdf

```
hdf_file_path=FILE_SEARCH('I:\zue\doc\ks\Temp_Satellite_Data \Temp_MODIS
\MOD_08_jointAerosolWaterVaporCloudProduct\*.hdf')
```

```
*****
;
;***** Begin the for loop to read all selected hdf files ***
```

```
for i=0,n_elements(hdf_file_path)-1 do begin
```

```
  hdfid = HDF_SD_START(hdf_file_path(i))
  varnames = HDF_SD_VARDIR (hdfid)
```

```
  index = hdf_sd_nametoindex(hdfid,
'Cloud_Fraction_Mean_Mean') ;varnames[Cloud_Fraction_Mean_Mean])
  if (index eq -1) then message, string(varnames, format='("Specified
Variable not found: ", a)')
```

```
  varid = hdf_sd_select(hdfid, index)
```

```
  HDF_SD_GETDATA, varid, data ;- The Cloud Fraction data will be
stored in the variable "data"
```

```
  hdf_sd_endaccess, varid
```

```
  ; ***** get the filename only, without path
  filename_short = file_basename(hdf_file_path[i])
```

```
  ; to be continued....
endfor
END
```
