
Subject: Re: reading multiple HDF files

Posted by [julia.walterspiel](#) on Wed, 16 Jul 2008 15:54:58 GMT

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yeah it was a different problem, a beginner problem.. sorry for
wasting your time folks! it works now:

```
#####
```

```
PRO read_multiple_hdf
```

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

```
homer = intarr(6,2,99)
```

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

```
for i=0,5 do begin
```

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

```
hdfid = HDF_SD_START(hdf_file_path(i), /READ)
```

```
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
```

```
HDF_SD_END, hdfid
```

```
print, i
```

```
print, data
```

```
homer[:,*,i]= data[:,*]
```

```
endfor
```

```
END
```

```
#####
```
