
Subject: trouble with writing to HDF-file

Posted by [Klemens Barfus](#) on Wed, 20 Aug 2003 11:48:04 GMT

[View Forum Message](#) <> [Reply to Message](#)

Hello together,

I am using IDL 5.2.1 and I often get trouble with writing new datasets to HDF-files. I always do it in my codes in the same way like

```
filename= 'd:\LM-Outputs\20010923_12.hdf'
```

```
FileID = HDF_SD_START(filename, /RdWr)
```

```
index_specific_liquid_water_content =
```

```
HDF_SD_NAMETOINDEX(FileID,"specific liquid water content")
```

```
; Establishes connection to an SDS via its SDS identifier
```

```
thisSds_specific_liquid_water_content = HDF_SD_SELECT(FileID,  
index_specific_liquid_water_content)
```

```
HDF_SD_GETDATA, thisSds_specific_liquid_water_content,  
specific_liquid_water_content_gridscale
```

```
HDF_SD_ENDACCESS, thisSds_specific_liquid_water_content
```

```
...
```

```
newSDS_lwcg = HDF_SD_CREATE(FileID,'liquid water content  
gridscale',[401,401,35],/FLOAT)
```

```
array_lwcg = lwcg
```

```
HDF_SD_AddData, newSDS_lwcg, lwcg
```

```
HDF_SD_AttrSet, newSDS_lwcg, 'liquid water content gridscale','[kg/m3]'
```

```
HDF_SD_ENDACCESS, newSDS_lwcg
```

```
HDF_SD_END, FileID
```

Sometimes code like this works well, but very often, there is no error message, the data files to read are read, but the new data files are not added to the HDF-file.

Does anybody of you has the same experiences ? Any tips ?

Thanks for your help in advance !

Klemens
