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Subject: Appending new data to HDF

Posted by [Mark Rehbein](#) on Tue, 01 Jun 1999 07:00:00 GMT

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Hi,

I have a problem writing an image to an already established HDF file. The original HDF file was created on a UNIX machine (not using IDL). I copied this HDF file to my windows PC and wanted to add an image to the HDF using the following code segment:

```
sd_id=HDF_SD_START('e:\templimages\n14_9802011648ss.hdf', /rdwr)
```

```
sds_id=HDF_SD_CREATE(sd_id, 'a_atmosphericCorrected_SST', [dims(1),  
dims(2)], /float)
```

```
HDF_SD_ADDDATA, sds_id, SST_NOAA_GLOBAL
```

```
HDF_SD_ENDACCESS, sds_id
```

```
HDF_SD_END, sd_id
```

When I run my program, I get a "Unable to write specified HDF-SD slice" error, which suggests a read/write permission problem or a disk space problem. I have plenty of disk space and can read data from the file using IDL. I just can't append to it.

I can write/append this data successfully to a different HDF file created using IDL on my PC. Can anyone help me with this problem?

Thanks

Mark

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