
Subject: Writing a 4D array to a HDF file
Posted by [Tim Trent](#) on Mon, 30 Apr 2012 12:46:28 GMT
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Hi

I am trying to write a 4d array using the following code in IDL:

```
sdsIDvmr = HDF_SD_Create(sdfileID, 'H2O_VMR',[400,12,120,800],/FLOAT)  
HDF_SD_AddData, sdsIDvmr,vmr
```

Which returns the following error message:

```
% HDF_SD_ADDDATA: Unable to write the specified HDF-SD slice
```

I have used similar code to write 3D arrays (400,120,800) which has worked but have had trouble trying to diagnose why this isn't working in 4D. I have also tried changing the array from a float to a double array which doesn't work either. Any insight you could offer would be greatly appreciated.

Kind regards

Tim
