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Subject: Appending data to a preexisting SD dataset in an HDF file

Posted by [Sean Raffuse](#) on Fri, 14 Jun 2002 20:28:31 GMT

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Hello,

I would like to increase the size of a 3d array in an HDF file, adding more data to the preexisting index. Is this possible? I know I can access the dimensions of the array by using `hdf_sd_dimget` and the `count` keyword. That count is what I would like to change. For example:

```
sd_id = HDF_SD_START(L1a_filename, /RDWR)
index = HDF_SD_NAMETOINDEX(sd_id, 'l1a_data')
sds_id=HDF_SD_SELECT(sd_id,index)
dim_id=HDF_SD_DIMGETID(sds_id,0)
HDF_SD_DIMGET, dim_id , COUNT=count
```

Is it possible to change the size of a particular dimension (count)? If not, can I replace the entire SD with another of the same name and index? I'm not sure if this is possible or not with hdf files.

Thanks in advance,

Sean Raffuse

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