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Subject: Multiple datasets

Posted by [Shawn\[1\]](#) on Wed, 11 Mar 2009 01:46:58 GMT

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Hi all,

i have having some trouble displaying multiple datasets. I have a hdf5 file which consists of hundreds of datasets.

This is the function which i used to open one dataset:

```
file_ID = H5F_open(file_path)
dataset_ID = h5d_open(file_ID, 'CAPPI')
data_space = h5d_get_space(dataset_ID)
result_space = h5s_create_simple ([100,100,30])
;([x,y,z]) = result_space
vol_data=h5d_read(dataset_ID)
;vol_data=transpose(vol_data)
vol_data = TRANSPOSE(vol_data, [1, 0, 2])
vol_data = REVERSE(vol_data, 2)
```

```
h5s_close, result_space
h5s_close, data_space
h5d_close , dataset_ID
h5f_close, file_ID
```

But because, the dataset has to specify its dataset name, can anyone suggest to me how to create a loop where i can open the datasets in a loop. My datasets are named as CAPPI0, CAPPI1 etc. Thanks.

shawn

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