Subject: How to check for existence of an HDF5 group
Posted by dg86 on Sat, 07 Feb 2015 18:24:47 GMT

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Dear Folks,

I want to create new groups within an HDF5 file. Before creating a new group, however,
I'd like to check whether a group of the same name already exists. What's the right
way to do this?

Calling H5G_OPEN or H5G_GET_OBJINFO with a new group name throws an error.
I could write a wrapper routine that catches the error and returns a "group not found"
value but that seems kludgy.

H5_LIST returns a whole lot of information, which I suppose I could parse. That also seems
clunky.

Is there a more elegant solution? Something along the lines of FILE_TEST that works
for HDF5 groups (H5G_TEST, e.g.)?

All the best,

David