Subject: HDF5 - Group or Dataset?

Posted by peter.albert@gmx.de on Wed, 05 Oct 2005 09:12:10 GMT

Hi everybody,

I am again troubled by how IDL deals with HDF5. The problem is that I'd
like to check whether a given name is the name of a dataset within an
HDF5 file or the name of a group. Before IDL 6.1 a statement like

n_members = h5g_get_nmembers(file_id, "/aaa/bbb")

nicely returned 0 if /aaa/bbb was a dataset and the number of the
group's members (> 0) otherwise.

Now, with IDL6.1, I get the error message

% H5G_GET_NMEMBERS: unable to open group: (67108874, "/aaa/bbb") if I
am actually looking at a dataset.

Well, I looked through all those H5* routines in the IDL documentation,
but did not find something like h5g_is_group. I would really like to
solve this using error catching, so I would highly appreciate if
someone has an idea.

Regards,

   Peter