
Subject: Reading h5 dataset by chunks

Posted by [Nikola](#) on Tue, 07 Jun 2016 09:33:08 GMT

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Gentle folks,

I'm trying to read a dataset from a h5 file by chunks. Let's say that in the file I have dataset called 'temperature' that contains 3D matrix (nx x ny x nz). Normally I use H5D_READ to read the entire dataset/cube at once. Since the dimensions of the cube may be huge (I easily get out of memory), I wonder is it possible to read h5 datasets chunk by chunk (slice by slice for example)? Something like using ASSOC to read large binary files.

I'm lost in the list of h5-related IDL routines. Any help will be appreciated!

Thanks!

Nikola
