
Subject: HDF SDS array access in IDL

Posted by [William Clodius](#) on Mon, 26 Oct 1998 08:00:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I am confused by some comments in the IDL documentation for HDF file access e.g., the documentation for HDF_SD_GETDATA

"The HDF_SD_GETDATA procedure retrieves a hyperslab of values from an SD dataset. By default, the retrieved data is transposed from HDF's column order format into IDL's row order which is more efficient in IDL. To retrieve the dataset without this transposition, set the NOREVERSE keyword."

I believe that IDL, like Fortran, is column major and transposing the data would be exactly the wrong thing to do for the default. Am I mistaken or has a misguided C programmer been at work at RSI?

--

William B. Clodius Phone: (505)-665-9370

Los Alamos Nat. Lab., NIS-2 FAX: (505)-667-3815

PO Box 1663, MS-C323 Group office: (505)-667-5776

Los Alamos, NM 87545 Email: wclodius@lanl.gov
