
Subject: a strange loop problem

Posted by [bulrushmower](#) on Tue, 24 Jun 2008 02:53:12 GMT

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What is wrong with the loop for the following:

i=0

Print, 'SDS_NAME'+STRTRIM(string(i+1),2), prints SDS_NAME01

But, Band = hdf_sd_nametoindex(file, 'SDS_NAME'+STRTRIM(string(i+1), 2)) is not the same with

Band = hdf_sd_nametoindex(file, SDS_NAME01)

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SDS_NAME01 = "SREFL_CH1"

SDS_NAME02 = "SREFL_CH2"

SDS_NAME03 = "BT_CH3"

SDS_NAME04 = "BT_CH4"

SDS_NAME05 = "BT_CH5"

SDS_NAME06 = "SREFL_CH3"

SDS_NAME07 = "SZEN"

SDS_NAME08 = "VZEN"

SDS_NAME09 = "RELAZ"

SDS_NAME10 = "QA"

file = hdf_sd_start(fPath_data

+"AVH09C1.A1998180.N14.002.2007273131632.hdf")

for i=0, 9 do begin

Band = hdf_sd_nametoindex(file, 'SDS_NAME'+STRTRIM(string(i+1),2))

data = hdf_sd_select(file, Band)

hdf_sd_getdata, data, getdata

hdf_sd_endaccess, data

endfor
