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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 )
```

```
=====
```

```
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
```

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