
Subject: segmentation fault with ncdf_open
Posted by [M. Suklitsch](#) on Thu, 09 Oct 2008 07:21:44 GMT
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Hi there!

Today I stumbled over a - in my opinion - very strange behaviour of IDL (system: IDL Version 7.0, Solaris (sunos sparc m64)).

When concatenating a filename out of several string variables IDL crashes with a segmentation fault/core dump. In fact, it depends on the existence of one single variable. Maybe it's easier to show the code:

```
sFilename = '/dsk/rcm/grids/'+constant_fields.4'+sDom+sExp+'.nc'  
iNcId = NCDF_OPEN(sFilename)
```

This one crashes. The next one does not:

```
sFilename = '/dsk/rcm/grids/'+constant_fields.4a'+sExp+'.nc'  
iNcId = NCDF_OPEN(sFilename)
```

As you can see (if looking close) it all seems to depend on whether or not I use variable sDom to get the "a" into the filename. I checked sFilename for blanks, but there are none. I checked the BYTE values of sFilename for both versions, but as expected there is no difference.

So, can anybody tell me what's happening here? 'cause I am running out of options...

bye,
Martin
