
Subject: NCDF_OPEN: Unable to open the file "(null)". (NC_ERROR=-31)

Posted by [Therese](#) on Tue, 14 Jan 2014 09:07:52 GMT

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Hey all,

I'm trying to open netCDF-files I created by myself. In idl I have a list which contains the filenames but when I try to open the netCDF with one of those list elements it does not work:

NCDF_OPEN: Unable to open the file "(null)". (NC_ERROR=-31)

The specific file exists and is readable. The funny thing is when I just type the name of the file into the ncdf_open routine idl is able to open my file.

I'm using netcdf library version 4.2 on IDL Version 6.4 (linux x86_64 m64).

+++ short example start +++

```
filelist=findfile("MODIS*.nc") ; n_elements(filelist) > 0
```

```
id=ncdf_open(filelist[ii]) ; error occurs
```

```
ncdf_varget,id,0,lat
```

```
ncdf_close,id
```

```
id=ncdf_open('MODIS_GRID_h05v13.nc') ; works
```

```
ncdf_varget,id,0,lat
```

```
ncdf_close,id
```

+++ short example end +++

I often need to open and close those files so unfortunately typing by hand is no option...

Probably, it's a very silly problem with a simple solution but I can't get it. Please help!

Best,
Therese

Subject: Re: NCDF_OPEN: Unable to open the file "(null)". (NC_ERROR=-31)

Posted by [Therese](#) on Tue, 14 Jan 2014 09:25:32 GMT

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Okay,

it was really silly. Problem is solved: filelist[ii] was no expression but an array[1]. Just saved the filename in tmp=filelist[ii] and then opened the file by id=ncdf_open(tmp[0]) ...
