
Subject: Re: Unable to create netCDF file
Posted by [Foldy Lajos](#) on Thu, 31 Mar 2011 18:06:39 GMT
[View Forum Message](#) <> [Reply to Message](#)

On Thu, 31 Mar 2011, Kenneth P. Bowman wrote:

```
> Any idea why I cannot create a netCDF file using tilde expansion?
>
> IDL> id = NCDF_CREATE('~ /test.ncd', CLOBBER = clobber)
> % NCDF_CREATE: Unable to create the file, ~ /test.ncd. (NC_ERROR=-31)
>
> I thought it was a generic problem with tilde expansion, but it works
> for plain files (the file text.txt exists and contains 'test').
>
> IDL> openw, iunit, '~ /test.txt', /get_lun
> IDL> printf, iunit, 'test'
> IDL> free_lun, iunit
>
> NetCDF file creation works if I provide the fully-qualified path.
```

I think NCDF_CREATE does not expand path names. Your error message indicates that the ~ directory in ~ /test.ncd does not exist:

```
IDL> id = NCDF_CREATE('~ /test.ncd', CLOBBER = clobber)
% Loaded DLM: NCDF.
% NCDF_CREATE: Unable to create the file, ~ /test.ncd. (NC_ERROR=-31)
% Execution halted at: $MAIN$
IDL> $mkdir '~'
IDL> id = NCDF_CREATE('~ /test.ncd', CLOBBER = clobber)
IDL> help, id
ID          LONG      =          5
```

regards,
Lajos
