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