

---

Subject: Re: Can't exit DEFINE mode in netCDF File  
Posted by [David Fanning](#) on Fri, 09 Oct 2009 19:00:10 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Paul van Delst writes:

- > All good questions. Although I find myself in the strange position of \*providing\*
- > David-Fanning-type wisdom (to said namesake no less!) rather than being on the receiving end:
- >
- > It is like it is because that's the way it is.

No wonder my hate mail runs about 10:1 verses the complements.(1) :-)

- > BTW, was it the fillvalue attribute in particular, or some other one?
- Your example was a
- > little bit different from mine in that my fillvalue was a character (where I believe yours
  - > was a numeric quantity).

My variable and fill value where numerical values.

What happened was that I was reading a variable and its fill value out of a file, computing some averages (climatologies), then writing the climatologies back into another netCDF file. I just tried to assign the climatologies the same fill value I had read out of the file. But, of course, the original data were long integers, and the climatologies were floats. I never looked at (or even knew) the fill value.

- > Ultimate thanks go to Mr. Lajos (or Mr. Földy?
- > Don't know the correct order)

Yes, of course. I may have to investigate that FL language. ;-)

Cheers,

David

(1) Mostly from the Chinese though, thankfully. They are still pissed about the Dahli Lama reference on my book page.

--

David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

---