Subject: Re: readu sees unexpected records
Posted by David Fanning on Wed, 04 May 2005 13:27:17 GMT

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Hjalti Sig writes:

> I found out that when reading unformatted data, written with a fortran
> 90 program, the readu command detects a couple of extra records before
> and after each line written with the fortran program. For example, I
> wrote a 10x10 array, containing the numbers from 1-100 in a file.
> Reading the file using readu, the content of the file appears as a
> 14x10 array, with very small numbers in columns 1, 2, 13 and 14,
> (producing floating underflow), and the correct numbers in the columns
> 3-12.
> In the data file I actually had to read there are three extra records
> before and two after each line.
> These extra records do certainly not appear when reading the files
> with a fortran program.
>
> I was curious if anyone had an explanation of this.

I'd have a look at the F77_UNFORMATTED keyword to the OPEN
command.

Cheers,

David

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