Subject: Re: Reading columns of binary data
Posted by JD Smith on Mon, 07 Aug 2006 22:44:21 GMT

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On Mon, 07 Aug 2006 22:21:17 +0000, Wayne Landsman wrote:

>
> "JD Smith" <jdsmith@as.arizona.edu> wrote in message
> news:pan.2006.08.07.21.54.44.519049@as.arizona.edu...
>>>
>>> It appears that MATLAB already has a function FREAD to support reading
>>> columns of data.
>>
>> But does it work in a vector fashion?
>
> If I read the documentation correctly I think it does:
> ....
> http://www.mathworks.com/access/helpdesk/help/techdoc/ref/fr ead.html#482088
> When skip is specified, fread reads in, at most, a repetition factor number
> of values (default is 1), skips the amount of input specified by the skip
> argument, reads in another block of values, again skips input, and so on,
> until count number of values have been read. If a skip argument is not
> specified, the repetition factor is ignored. Use the repetition factor with
> the skip argument to extract data in noncontiguous fields from fixed-length
> records.
> ....
> A generic looping operation would still be a nice way of treating similar
> problems. --Wayne

Aha. I suspect you'd have a much better chance getting a similar SKIP
keyword added to READU than I would have convincing them of the need to
minimize the looping overhead. Your suggestion should be easy for them.

JD