
Subject: Re: reading multiple data types into arrays
Posted by [greg.addr](#) on Tue, 10 Jul 2007 06:57:47 GMT
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On Jul 10, 12:36 am, Josh <joshuamonta...@gmail.com> wrote:
> Hi,
>
> I'm trying to read in data from a file that has the following format:
>
> 231359152 09/25/2003 18:38:35.816 20.013574 25.668425
> 626.779 14.396667
>
> I'm having no problems getting the fourth, fifth, and sixth columns of
> data into double arrays with a statement like this:
>
> readf, lun, recNum, date, time, lat, lon, elev, geoid
>
> and a for loop. But I would like to get the second column in an
> array, too. My intuition says it should be a string because of the
> nasty /'s in it (ultimately, I'd like these dates to be the
> independant axis values).
>
> I tried declaring the variable date as a string beforehand (date = '
> '), but then that slurps the entire line (all columns) into that
> variable. If I don't declare it as a string and try to put it into a
> string array (strArr), it becomes 9.00000.
>
> I'm reading the documentation for explicitly formatted input, but am
> having trouble figuring out how to apply it here.
>
> As always, all suggestions are greatly appreciated!
> -Josh

I'd probably read the whole line as a string then split it on the spaces with `strsplit()` and convert after. Better still, you might just read the whole file into a string array and chop it up with `strpos()` and `strmid()`.

Greg
