
Subject: Re: reading multiple data types into arrays

Posted by [Josh](#) on Tue, 10 Jul 2007 19:49:14 GMT

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On Jul 10, 12:57 am, greg.a...@googlemail.com wrote:

> 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

Thanks, Greg. For me, this turned out to be the easiest way to
achieve this task. Much appreciated. -J
