Subject: reading multiple data types into arrays
Posted by Josh on Mon, 09 Jul 2007 22:36:28 GMT

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