
Subject: need a quicker way to read ascii file w/a structure
Posted by [differentiable](#) on Tue, 05 Jun 2001 22:24:50 GMT
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OK. I've got an ascii file laid out in columns with a string in the first column, like this

```
yyyy-ddd // hh:mm:ss.ms 0 12 -1.00 -1.00 -1.00 -1.00
```

```
.  
.
.
```

(lots and lots of rows)

I defined a structure

```
mystruct = {utctime: ' ', mpos: 0, sector: 0, $  
            arate: 0.0, brate: 0.0, crate: 0.0, drate: 0.0}
```

I know the number of rows so I replicate,
data = replicate(mystruct, num_of_rows)

and I read,
readf, myfilelun, data

and find out that the entire row is read into my mystruct.utctime string variable. I've been hunting the message board and have tried many, many different things. The only thing I can think of doing at this point is reading my file in as a string array, separating it into variables, and feeding it into my structure. (I don't want to use an explicit format statement because the format varies....) This would take a LOT of time, and besides isn't there a more elegant way to do it? I'm looking through a few of the canned routines (Knight's DDREAD.PRO, etc...) that were suggested, but frankly I don't want to use anything I don't understand... please HELP!!

Thanks in advance! Lucas
