
Subject: Reading data with structures

Posted by [tonym](#) on Tue, 08 Nov 1994 00:10:00 GMT

[View Forum Message](#) <> [Reply to Message](#)

I am having problems reading FORTRAN unformatted data with idl arrays.

For example, the following works fine:

```
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  
data = replicate ( structure_template, nrecords )
```

```
for i=0L,long (nrecords-1) do begin  
  readu,unit,structure_template  
  data (i) = structure_template  
endfor
```

```
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  
But the following doesn't:
```

```
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!  
readu,unit,data  
.....  
!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!!
```

In this case, I get an "End of file encountered" error.

What gives?

-Tony Mannucci

tonym@lurleen.jpl.nasa.gov

Tony Mannucci

tonym@lurleen.jpl.nasa.gov

Jet Propulsion Laboratory

4800 Oak Grove Drive

M/S 238-600

Voice: (818)354-1699

Fax: (818)393-4965

Pasadena, CA 91109
