
Subject: Re: reading file into structure?

Posted by [Randall Skelton](#) on Wed, 18 Apr 2001 13:41:09 GMT

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Appending to my previous query, a quick work-around seems to be to read the file into an array and then define data.values to point to the array. This seems a little dirty?

i.e.

```
pro testread, file, data
```

```
  sgas = '*TEST'
```

```
  l = STRLEN(sgas)
```

```
  OPENR, 1, file
```

```
  header = '!'
```

```
  nlev = 0
```

```
  WHILE STRMID(header,0,1) EQ '!' DO READF, 1, header
```

```
  READS, header, nlev
```

```
  array = fltarr(nlev)
```

```
  data = {basic_struct, comment: ' ', values: fltarr(nlev)}
```

```
  WHILE STRMID(header,0,l) NE sgas DO BEGIN
```

```
    READF, 1, header
```

```
    IF STRLEN(header) LT l THEN header = header + ' '
```

```
    header = STRUPCASE(header)
```

```
  ENDWHILE
```

```
  READF, 1, array
```

```
  data.values = array      ; <-- dirty cheat
```

```
  CLOSE, 1
```

```
END
```

```
> pro testread, file, data
```

```
>   sgas = '*TEST'
```

```
>   l = STRLEN(sgas)
```

```
>   OPENR, 1, file
```

```
>   header = '!'
```

```
>   nlev = 0
```

```
>
```

```
>   WHILE STRMID(header,0,1) EQ '!' DO READF, 1, header
```

```
>   READS, header, nlev
```

```
>
```

```
>   ;data = fltarr(nlev)      ;change comments if testing array
```

```
>   data = {basic_struct, comment: ' ', values: fltarr(nlev)}
```

```
>
```

```
>   WHILE STRMID(header,0,l) NE sgas DO BEGIN
```

```
> READF, 1, header
> IF STRLEN(header) LT I THEN header = header + ' '
> header = STRUPCASE(header)
> ENDWHILE
> ;READF, 1, data ;<-- this works.
> READF, 1, data.values ;<-- why doesn't this work?
> CLOSE, 1
> END
```

[snip]
