
Subject: Re: quirk End of file encountered before end of program

Posted by [Yngvar Larsen](#) on Mon, 15 Dec 2014 15:05:19 GMT

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

On Friday, 12 December 2014 14:38:52 UTC+1, LC's No-Spam Newsreading account wrote:

> On Thu, 11 Dec 2014, Jim P wrote:

>

> The original code I had (dating to several years ago, before anonymous
> structures were introduced) used in fact a much more complex mechanism.

>

Wow. Are you sure? Both named and anonymous structures have been there at least since IDL 4.0 (maybe even from the very beginning?), released several `_decades_` ago.

It is usually more fruitful if you describe also what you are trying to achieve instead of only what you tried that didn't work.

<http://xyproblem.info>

In your case, I really don't see why you cannot use `CREATE_STRUCT(tag1, value1, tag2, value2, ...)` directly. After all, you must have all tags and values available as variables in your `xxx.pro` to do what you tried.

I don't know what the contents of your datafile is. Binary or text? But assuming text, one struct tag/value per line, one struct per datafile, and the existence of a procedure `PARSELINE` that takes a string (line) as input and returns `TAG` and `VALUE`, you can do something like this slightly old fashioned code:

```
datafile = '/some/file'
openr, unit, datafile, /get_lun
line = ""
init = 0
while ~eof(unit) do begin
    readf, unit, line
    parseline, line, tag, value
    if init eq 0 then begin
        struct = create_struct(tag, value)
        init = 1
    endif else begin
        struct = create_struct(tag, value, struct)
    endelse
endwhile
free_lun, unit
```

Should work for very old IDL versions.

--

Yngvar
