
Subject: Re: structures, arrays of pointers and assignment
Posted by [David Fanning](#) on Wed, 02 May 2007 16:24:16 GMT
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Ingo von Borstel writes:

- > Not so easy. As mentioned above, all the routines are written such that
- > they accept variable types as used for dealing with a single set of
- > data. Wouldn't want to change their basic structure.

Unless I am missing something here, isn't this just a case of parameter overloading. Something like this, added to your routines would surely suffice:

```
IF Size(param, /TNAME) EQ 'STRUCT' THEN BEGIN
  field = param.field
  aStruct = Temporary(param)
  param = Temporary(field)
ENDIF
```

And then at the end of the routine, before you exit:

```
IF N_Elements(aStruct) NE 0 THEN BEGIN
  aStruct.field = param
  param = Temporary(aStruct)
ENDIF
```

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
