
Subject: Re: Indexing structures of different type
Posted by [Liam Gumley](#) on Thu, 17 Jun 1999 07:00:00 GMT
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Donglai Gong Rm3110 x1569 wrote:

- > Hi, does anyone know how to index structures of different types in IDL?
- > REPLICATE won't work since it creates an array of the same structure, so
- > I'm thinking of doing a structure of structures. However I don't know
- > how to index them for use in a loop. Thanks in advance.

Perhaps the following example might help:

```
a = {name:'test', value:intarr(10)}  
b = {time:0L, lat:0.0, lon:0.0}  
c = {part1:replicate(a, 100), part2:replicate(b, 20)}  
help, a, b, c, /structure
```

```
print, c.part1[10].name  
print, c.part1[10].value[0:5]  
print, c.part2[15:*.].time
```

Cheers,
Liam.

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Liam E. Gumley
Space Science and Engineering Center, UW-Madison
<http://cimss.ssec.wisc.edu/~gumley>
