
Subject: Re: Q: Array of Structures
Posted by [korpela](#) on Sun, 14 Jun 1998 07:00:00 GMT
[View Forum Message](#) <> [Reply to Message](#)

In article <MPG.feb2857db08f77a989681@news.frii.com>,
David Fanning <davidf@dfanning.com> wrote:

> But, look. I just tried this:

```
>  
>  a = { data:FltArr(10), name:" }  
>  b = { data:FltArr(10), name:" }  
>  c = [a, b]  
>  % Conflicting data structures: B,concatenation.  
>  % Execution halted at: $MAIN$
```

> But now, I try this:

```
>  
>  a = { data:FltArr(10), name:" }  
>  b = a  
>  c = [a, b]  
>  
> No problem!
```

I think that the problems is that the first example creates anonymous structures for each variable. Because the structures won't have the same tag (anonymous structures are still tagged invisibly), they are treated as different structure types. The problem goes away for tagged structures. The following works just fine.

```
a = {StruTag, data:FltArr(10), name:" }  
b = {StruTag, data:FltArr(10), name:" }  
c = [a, b]
```

In the second example, the assignment gives b the same structure tag as a, so the concatenation works just fine.

Personally, I'd like to see IDL check for identical anonymous structures and set the structure tags appropriately.

Eric

--

Eric Korpela | An object at rest can never be
korpela@ssl.berkeley.edu | stopped.
Click for home page.
