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Subject: Re: indexing a structure in a list

Posted by [Craig Markwardt](#) on Wed, 05 Feb 2014 17:52:51 GMT

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On Wednesday, February 5, 2014 11:36:09 AM UTC-5, Helder wrote:

```
> Hi,
>
> I've got the feeling this should work, but for some reason it isn't.
>
> So here is some code to test the problem with the errors describe in it:
>
>
>
> PRO testStrutRef
> Compile_Opt idl2
> a = list(findgen(10), /extract)
> a[4] = {value:3.0}
> help, a[4], /struct
> ;a[4].value = 4.0      ;won't work: % Attempt to store into an expression: >
> ;(a[4]).value = 4.0    ;won't work: % Attempt to store into an expression: Structure reference.
> ;((a)[4]).value = 4.0  ;won't work: % Attempt to store into an expression: Structure reference.
> struct = a[4]
> struct.value = 4.0
> a[4] = struct          ;works, but not really straight forward...
> print, a
> END
>
> It seems like I can't address a structure element of a list directly.
> Did I misplace my parenthesis? Is there a less cumbersome workaround?
```

Seems like a flat-out bug to me. List elements should be "lvalues," as they say in the compile business.

Craig

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