
Subject: Structure Containing Structure: question about parentheses

Posted by [larkn10](#) on Thu, 09 Aug 2007 15:36:34 GMT

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Hi All,

I have a question about using parentheses with structures that are members of a structure. I include a sample program below that demonstrates the behaviors.

Basically I have no problem if I run the command

```
state.str.c = 50
```

But if I run the command

```
(state.str).c = 50
```

then I get the error:

Attempt to store into an expression: Structure reference.

Execution halted at: TESTSTRUCT 32 C:\teststruct.pro
\$MAIN\$

Can someone explain this behavior to me?

Thanks!

-Larry

```
pro testStruct
```

```
;CREATE STRUCTURE str  
str = {a:1,b:2,c:3,al:90,be:90,ga:90}
```

```
print,str.c  
print,(str).c
```

```
str.c = 15  
print,str.c  
print,(str).c
```

```
(str).c = 25  
print,str.c  
print,(str).c
```

```
;CREATE STRUCTURE state WHICH INCLUDES str  
state = {num:90,let:'e',str:str}
```

```
print,state.str.c  
print,(state.str).c
```

```
str.c = 15  
print,state.str.c  
print,(state.str).c
```

```
help,state.str  
help,(state.str)
```

```
    ;THE PROGRAM WILL FAIL AT THE NEXT LINE. WHY????  
(state.str).c = 25  
print,state.str.c  
print,(state.str).c
```

```
end;testStruct
```
