
Subject: Structure Containing Structure: question about parentheses

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

[View Forum Message](#) <> [Reply to Message](#)

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
```
