
Subject: Re: Expression question

Posted by [jkj](#) on Wed, 30 May 2007 23:29:05 GMT

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On May 30, 4:05 pm, shd <usenet_in...@yahoo.com> wrote:

> Code:

> =====

> pro shd_test

>

> st = {a:0, b:0}

>

> arr = [st, st, st, st, st]

>

> help, st

> help, arr[0]

> help, (arr[0]).a

> help, arr.a

> help, (arr.a)[0]

>

> st.a = 1

> arr[0] = {a:1, b:0}

> (arr[0]).a = 1

> ;(arr.a)[0] = 1

> end

> =====

>

> Output:

> =====

> IDL> shd_test

> ST STRUCT => <Anonymous> Array[1]

> <Expression> STRUCT => <Anonymous> Array[1]

> <Expression> INT = 0

> <Expression> INT = Array[5]

> <Expression> INT = 0

> Attempt to store into an expression: Structure reference.

> Execution halted at: TEST_ODDITY 15 C:\Dev\IDL\projects\test

> \test_oddity.pro

> \$MAIN\$

>

> =====

>

> I can assign a value to "arr[0]" and not "(arr[0]).a". I also tried

> "(arr.a)[0]" and got a similar error. What am I missing here?

try this:

arr[0].a = 1

arr[1].b = 2

arr[2].a = 3

arr is an array of structures, so arr[i] allows you to access the ith structure

-Kevin
