
Subject: Re: IDL Anon Structs
Posted by [chase](#) on Thu, 18 May 1995 07:00:00 GMT
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>>>> > "Robert" == Robert Velthuizen (DMIP) <velt@rad.usf.edu> writes:
In article <3pfd0n\$89u@mother.usf.edu> velt@rad.usf.edu (Robert Velthuizen (DMIP)) writes:

Robert> Before you start messing up your User's manual, look at this:
Robert> IDL. Version 3.5.1 (sunos sparc).
IDL> w = {a: 0, b: 1}
IDL> x = {w: w, c: 2}
Robert> % Structures can't have anonymous structure members
Robert> % Execution halted at \$MAIN\$.

As was pointed out in someone else's post, the use of anonymous structure members (along with the CREATE_STRUCT routine) is a new addition as of IDL Version 3.6 (see the ./notes/rel_note.doc in the IDL distribution). We have postscript versions of the 3.6 manuals and the appropriate changes are present in Chapter 7.

Chris

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Bldg 24-E188
The Applied Physics Laboratory
The Johns Hopkins University
Laurel, MD 20723-6099
(301)953-6000 x8529
chris.chase@jhuapl.edu

Subject: Re: IDL Anon Structs
Posted by [thompson](#) on Thu, 18 May 1995 07:00:00 GMT
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rivers@cars3.uchicago.edu (Mark Rivers) writes:

> In article <3pe065\$i71@gap.cco.caltech.edu>, wart@chop.ugcs.caltech.edu (Wart) writes:
>> Interesting note about anonymous structures:
>>
>> p. 7-1 of the IDL User's Manual states: "Anonymous Structures cannot
>> contain other anonymous structures."
> .
> .
> .

> This is from the IDL release notes: (IDL_DIR/notes/rel_note.doc)

> 1/20/94
> The restriction that anonymous structures may not contain
> other anonymous structures has been removed.

> That restriction has been gone for quite some time. This does raise the
> question as to whether the User's Manual has been updated.

That (very welcome) change first appeared in IDL 3.6. Perhaps the manual is for an earlier version of IDL?

Bill Thompson

Subject: Re: IDL Anon Structs
Posted by [wart](#) on Thu, 18 May 1995 07:00:00 GMT
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I see. Sorry, I forgot to mention that I'm using V 3.6.1. I hadn't realized that the restriction was lifted.

I haven't had a chance to try out V4.0 yet. It arrived this morning, but we can't install it until Envi 2.0 gets here. *sigh*

--Wart

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Mark Rivers	(312) 702-2279 (office)
CARS	(312) 702-9951 (secretary)
Univ. of Chicago	(312) 702-5454 (FAX)
5640 S. Ellis Ave.	(708) 922-0499 (home)
Chicago, IL 60637	rivers@cars3.uchicago.edu (Internet)

Subject: Re: IDL Anon Structs
Posted by [patterso](#) on Thu, 18 May 1995 07:00:00 GMT
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Wart (wart@chop.ugcs.caltech.edu) wrote:

: Interesting note about anonymous structures:

: p. 7-1 of the IDL User's Manual states: "Anonymous Structures cannot
: contain other anonymous structures."

: However... try this:

```
: IDL> w = {a: 0, b: 1}  
: IDL> x = {w: w, c: 2}  
: IDL> help, w  
: W          STRUCT   = -> <Anonymous> Array(1)  
: IDL> help, x  
: X          STRUCT   = -> <Anonymous> Array(1)  
: IDL> help, x.w  
: <Expression> STRUCT = -> <Anonymous> Array(1)
```

: As one of my grade school teachers used to tell us whenever there was an
: error in a text: "Take out your pencils and cross out that sentence in
: your textbook."

Ahh, but will it STILL work in the next release? Or the one after that?
Or.....

Confucious say, "Beware of using undocumented features" :)i

Though, maybe now you've found it, RSI will let it stay.

Tim

: --Wart

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Robert Velthuisen (velt@rad.usf.edu),
Digital Medical Imaging Program of the
H. Lee Moffitt Cancer Center and Research Institute at the
University of South Florida, Tampa FL 33612.

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