
Subject: Re: Structure creation

Posted by [lecacheux.alain](#) on Wed, 20 Jun 2012 14:06:06 GMT

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On 20 juin, 13:01, John Coxon <john.co...@gmail.com> wrote:

> On 20/06/2012 11:21, Carsten Lechte wrote:

>

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>

>> On 20/06/12 12:07, John Coxon wrote:

>>> Hi there,

>

>>> Having an odd issue with creating structures.

>

>>> idl > med = {avg1, dawnR1:0.0, duskR1:0.0, dawnR2:0.0, duskR2:0.0}

>>> idl > print,med.dawnR1

>>> 0

>>> idl > help,med.dawnR1

>>> <Expression> INT = 0

>

>> I would guess that you previously defined a structure with name avg1

>> that had dawnR1 as an integer. dawnR1's type is determined by the

>> initialisation value from the very first use of the structure. A naked

>> "40" or "0" is interpreted by IDL as an integer constant.

>

>> Either change to using unnamed structures, or be extra careful when

>> specifying values, e.g. always do 1.0 when you want float, 1d0 when you

>> want double, 40L for long etc.

>

> I see, that would make sense. Is there any way to clear a structure, for

> instance, between two runs of a program?

>

> --

> John Coxon<http://www.chickensinenvelopes.net/>

>

>

If your structure has only numeric fields:

for i=0,N_Tags(your_struct)-1 do your_struct.(i) = 0

alx.
