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Subject: Re: Structure creation

Posted by [John Coxon](#) on Wed, 20 Jun 2012 11:01:15 GMT

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

> 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?

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John Coxon

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

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