Subject: Re: Structure creation
Posted by Carsten Lechte on Wed, 20 Jun 2012 10:21:42 GMT

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
initialisiation 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.

chl