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Subject: Re: array of structures -- error Conflicting data structures

Posted by [dcleuclidwl](#) on Tue, 01 Nov 2016 13:21:40 GMT

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You don't show us what is in your loop but I suspect you are trying to change a named structure, which is forbidden.

For example, if you create a structure and name it 'ksom'

```
create_struct,ca,'ksom',['DATA','XC','YC','DX','DY','TIME'], 'd(767,684),d(1),d(1),d(1),d(1),a(1)'
ksom=replicate(ca,6)
```

then you cannot later define a structure named 'ksom' with a different sized array.

```
IDL> create_struct,ca,'ksom',['DATA','XC','YC','DX','DY','TIME'],
'd(245,839),d(1),d(1),d(1),d(1),d(1)'
% Conflicting data structures: <DOUBLE   Array[767, 884]>,KSOM.
```

I suspect you want to use an anonymous structure (use " instead of 'ksom' ) though you could also use a different name each time the structure definition changes.

(Note that the procedure CREATE\_STRUCT is not native to IDL

[http://idlastro.gsfc.nasa.gov/ftp/pro/structure/create\\_struct.pro](http://idlastro.gsfc.nasa.gov/ftp/pro/structure/create_struct.pro)

though the \*function\* CREATE\_STRUCT() is. ) --Wayne

On Tuesday, November 1, 2016 at 6:31:02 AM UTC-4, sid wrote:

> Hi all,

> I need to create an array of structures,

> I have created structure like this, I have put this in a loop

>

> create\_struct,ca,'ksom',['DATA','XC','YC','DX','DY','TIME'], 'd(767,684),d(1),d(1),d(1),d(1),a(1)'

>

> ksom=replicate(ca,6)

>

>

> im getting error like this,

> Conflicting data structures: KSOM,<STRUCT Array[1]>.

>

>

> can anyone let me know what is the problem here.

>

> thanks

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