
Subject: Re: Contour dimension problem

Posted by [Kenneth P. Bowman](#) on Sat, 26 Nov 2011 21:23:57 GMT

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In article <edd5e854-16f7-4e76-903a-2728823af6cd@d37g2000prg.googlegroups.com>, Mat <mga1@waikato.ac.nz> wrote:

```
> I thought depth_time was 2d but I see its not. Anyway here is the
> result of help:
> IDL> help, temp, time, depth
> TEMP          STRUCT   = -> <Anonymous> Array[1]
> TIME          STRUCT   = -> <Anonymous> Array[1]
> DEPTH         STRUCT   = -> <Anonymous> Array[1]
>
> I thought this would work for vectors but I get:
>
> IDL> contour, temp,time,depth, /Irregular
> % CONTOUR: Struct expression not allowed in this context: TIME.
> % Execution halted at: $MAIN$
```

CONTOUR is expecting an array, and you are giving it a structure. The data you want is probably inside the structure TEMP.

Try

```
HELP, temp, time, depth, /STR
```

to find out what is inside your structures.

Then you need to do something like

```
CONTOUR, temp.something, time.something, depth.something
```

where "something" is the name of the array inside each structure.

Also, it sounds like you are an IDL beginner. I recommend you get an IDL book (like mine, which is aimed at beginners). Go to Amazon and search for "bowman idl"

Ken
