
Subject: Re: what am I doing wrong?

Posted by [Bruce Bowler](#) on Mon, 05 Oct 1998 07:00:00 GMT

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a couple of things... It is a top level script but there are no continuation lines that I can see... (true, my parser is *quite* different than IDL's :-)

second, what happens depends on how I run it, which I find quite strange but then again, I'm a relative newbie at IDL...

I've made some changes, while trying to figure things out. Here is the new script in it's entirety... (note I realize some of this [especially the case statement] aren't the best way to do things but like I said, I'm a newbie and I'm trying some things out and this is stripped down procedure anyway...)

```
!path = !path + ":" + getenv("SEADAS") + "/idl_lib" +  
"/disk2/seadas_data"
```

```
inputFile = "S1998228192646.L1A_HNSG"
```

```
baseDir = strmid(inputFile,0,rstrpos(inputFile,"/")+1)  
baseFile = strmid(inputFile,rstrpos(inputFile,"/")+1,999)  
passId = strmid(baseFile,0,rstrpos(baseFile, "."))  
datePart = strmid(passId,0,8)  
ozoneFile = datePart + '12_EPTOMS.OZONE'  
temp = size(findfile(ozonefile))  
help, temp  
print, temp  
defOzone = 0  
CASE 1 OF  
  (temp[0] EQ 1): BEGIN  
    ozoneFile = '$SDSDATA/CLIMATOLOGY.OZONE'  
    defOzone = 1  
    print, 'using default ozone data'  
  END  
  (temp[0] NE 1): BEGIN  
    defOzone = 0  
    print, 'ozone data found'  
  END  
  ELSE: print, 'things are really wacked'  
ENDCASE  
print, "after case"  
end
```

if I run it as follows...

```
# idl
idl> .run 6953
```

it works fine...

if I run it like

```
# idl 6953
```

the results are

```
> For basic information, enter "IDLInfo" at the IDL> prompt.
```

```
>
> % Compiled module: RSTRPOS.
> % Compiled module: REVERSE.
> TEMP      LONG  = Array[4]
>    1      1    7    1
> % Case statement found no matches.
> % Execution halted at: $MAIN$
```

```
>
> (temp[0] EQ 1): BEGIN
```

```
>      ^
> % Syntax error.
```

```
> At: 6953, Line 15
> using default ozone data
```

```
>
>      END
>      ^
```

```
> % Syntax error.
> At: 6953, Line 19
```

```
>
> (temp[0] NE 1): BEGIN
```

```
>      ^
> % Syntax error.
> At: 6953, Line 20
> ozone data found
```

```
>
>      END
>      ^
```

```
> % Syntax error.
> At: 6953, Line 23
```

```
>
> ELSE: print ,'things are really wacked'
```

```
>      ^
> % Syntax error.
> At: 6953, Line 24
```

```
>
> ENDCASE
```

```
> ^
> % Syntax error.
> At: 6953, Line 25
> after case
>
> end
> ^
> % Syntax error.
> At: 6953, Line 27
```

unfortunately, because of the way I need to interact with some other stuff, I really need to run it the second way. What can I do to make it work like the first way? I don't think precompiling will work either as I generate the file "on the fly".

Jeffrey Newmark wrote:

```
>
> Hi Bruce,
>
> Is this a section of a procedure or a top level script? If it is top
> level then you need
> $ to continue lines, otherwise, IDL compiles each line by itself.
>
> cheers,
> Jeff Newmark
>
> Bruce Bowler wrote:
>
>> I have a script that does...
>>
>>> anydata, subtemp, 45.0, 40.0, -71.5, -65.0, inbounds
>>>
>>> print, subtemp
>>> print, inbounds
>>>
>>> if (inbounds eq 1) then begin
>>>   openw, tarunit, 'tarfile.include', /GET_LUN
>>>   printf, tarunit, l1a
>>>   printf, tarunit, ozonefile
>>>   printf, tarunit, metFile1
>>>   printf, tarunit, metFile2
>>>   printf, tarunit, 'SEAWIFS_SENSOR_CAL.TBL'
>>>   close, tarunit
>>> endif
>>
>> When I run it, I get
>>
>>> S1998228192646.SST
```

>>> 0
>>
>> and tarfile.include is created, which since inbounds is 0, shouldn't
>> happen... can anyone explain why it's not working or some additional
>> diagnostics that might point to the cause?
>>
>> TIA,
>> Bruce
>
> -----
> -----
>
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