

---

Subject: Re: Syntax error while compiling IDL code  
Posted by [guptaparesh7](#) on Thu, 08 Apr 2004 16:13:42 GMT  
[View Forum Message](#) <> [Reply to Message](#)

---

Thanks Marc! that worked.

-Paresh

Marc Schellens <m\_schellens@hotmail.com> wrote in message  
news:<c52n6v\$1a3l\$1@news.riken.go.jp>...

> Paresh wrote:

>> Hello Everyone,

>> When I try to compile the following .pro file using IDL 6.0, I get

>> a syntax error message given below.

>>

>>

>> -----

>> IDL> .compile approach

>>

>> dmazid=map\_2points(elk(k),nlk(k),elz(j),nlz(j),/METERS)

>>

>> % Syntax error.

>> At: /disk/151/oracle/j2ee/home/default-web-app/WEB-INF/classes/F

DOclasses/IDLCode/windmodel/GEMPLEX\_04\_01\_04/MODULES\_VM/app roach.pro,

>> Line 17

>> % 1 Compilation error(s) in module APPROACH.

>

> If IDL reports a syntax error here it means it does not know

> the map\_2points function and thinks therefore map\_2points is an array.

> Make sure the map\_2points function is compiled before or in the

> file map\_2points.pro somewhere in your idl path (!PATH system variable).

>

> HTH,

> marc

>

>

>

>> IDL>

>> -----

>>

>> -----

>> PRO APPROACH,k,elk,nlk,elz,nlz,range,zpstc

>> compile\_opt hidden

>> on\_error,1

>>

>> ;...preamble

>> if n\_params() eq 0 then begin

>> print,'APPROACHX,k,elk,nlk,elz,nlz,range,zpstc'

```

>> return&endif
>>
>> ;...collect zipcodes which are within range of current center
>> kinc=1 & k=-kinc & nzip=n_elements(elz)
>> labela: k=k+kinc & dc2zip=1000.
>> if k+1 gt n_elements(elk) then return
>>
>> ;...build table of distances of all zipcodes from current center
>> for j=0,nzip-1 do begin
>>
>> .*****
>> ;
>> ; this is where I am getting the error message...
>> dmazid=map_2points(elk(k),nlk(k),elz(j),nlz(j),/METERS)
>> .*****
>> ;
>>
>> dc2zip=[dc2zip,1e-3*dmazid(0)] &endfor & dc2zip=dc2zip(1:*)
>>
>> ;...select only those zipcodes within range of the storm center
>> izip=where(dc2zip le range,ict) & if ict eq 0 then goto,labela
>>
>> ;...for each center fix collect effected zipcodes in structure
>> zpstc={index:k,indice:izip,elz:elz(izip),nlz:nlz(izip)}
>> END ;APPROACH.PRO
>>
>> -----
>>
>> Any kind of help would be appreciated.
>> I am a complete novice to IDL.
>>
>> Thanks!

```

---