
Subject: python bug??

Posted by [Dae-Kyu Shin](#) on Thu, 13 Aug 2015 15:18:46 GMT

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pro test1

```
x = dindgen(3)*3
y = dindgen(3)*2
z = dindgen(3, 3)
```

```
python.run, 'from scipy import interpolate'
f = python.interpolate.interp2d(x, y, z)
```

```
newx = [1,2,3d]
newy = [4, 5, 6d]
print, f(newx, newy)
```

end

The test1.pro is not working

The error message is

```
% Compiled module: TEST1.
```

```
% Loaded DLM: PYTHON27.
```

```
% Python: Multiple array subscripts are not allowed.
```

```
% Execution halted at: TEST1          12 D:\IDL_package\IDLWorkspace85\Default\test1.pro
%                               $MAIN$
```

But then code was working when i copy and paste the code in command line.

Subject: Re: python bug??

Posted by [chris_torrence@NOSPAM](#) on Thu, 13 Aug 2015 21:31:17 GMT

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On Thursday, August 13, 2015 at 9:18:51 AM UTC-6, Dae-Kyu Shin wrote:

```
> pro test1
```

```
>   x = dindgen(3)*3
```

```
>   y = dindgen(3)*2
```

```
>   z = dindgen(3, 3)
```

```
>
```

```
>
```

```
>   python.run, 'from scipy import interpolate'
```

```
>   f = python.interpolate.interp2d(x, y, z)
```

```
>
```

```
>   newx = [1,2,3d]
```

```
>   newy = [4, 5, 6d]
```

```
>   print, f(newx, newy)
```

> end
>
> The test1.pro is not working
> The error message is
>
> % Compiled module: TEST1.
> % Loaded DLM: PYTHON27.
> % Python: Multiple array subscripts are not allowed.
> % Execution halted at: TEST1 12 D:\IDL_package\IDLWorkspace85\Default\test1.pro
> % \$MAIN\$
>
>
> But then code was working when i copy and paste the code in command line.

Try adding:

 compile_opt idl2

at the top of your test1 procedure.

IDL will automatically add this at the command line if you use a static method, but it won't do that for procedures or functions.

Cheers,
Chris
