
Subject: Re: Keyword DIMENSION not allowed in call to: MOMENT
Posted by [wlandsman](#) on Sun, 21 Nov 2010 22:19:20 GMT
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I am old-fashioned enough to still often use the the -t parameter
to .run (compile with a listing)

IDL> .run -t moment

which lets me see that yes, the version of moment.pro that my IDL
session is using does allow the dimension keyword

```
118 FUNCTION Moment, X, DIMENSION=dimensionIn, $
119 Double = Double, MEAN=mean, Mdev = Mdev, Sdev = Sdev, $
120 SKEWNESS=skew, KURTOSIS=kurt, VARIANCE=var, $
121 Maxmoment = MaxmomentIn, NaN = nan
```

```
IDL> print,file_which('moment.pro')
/Applications/itt/idl/idl80/lib/moment.pro
IDL> print,!version
{ x86_64 darwin unix Mac OS X 8.0.1 Oct 5 2010    64    64}
```

-Wayne

On Nov 21, 4:49 pm, Mort Canty <m.ca...@fz-juelich.de> wrote:

> Am 21.11.2010 22:18, schrieb Paulo Penteadó:

>
>
>
>
>
>

>> On Nov 21, 6:53 pm, Mort Canty<m.ca...@fz-juelich.de> wrote:

>>> Just installed IDL 8.0.1 and got the above error message. The IDL help
>>> says:

>

>>> Syntax

```
>>> Result = MOMENT( X [, DIMENSION=value] [, /DOUBLE] [,
>>> KURTOSIS=variable] [, MAXMOMENT={1|2|3|4}] [, MDEV=variable] [,
>>> MEAN=variable] [, /NAN] [, SDEV=variable] [, SKEWNESS=variable] [,
>>> VARIANCE=variable] )
```

>

>> moment() is a function provided as a source file. So if you have in
>> your path another moment, before IDL_DEFAULT, it will be found before
>> the builtin moment().

>

>> In my installation, it is in the file

>

```
>> IDL> print,file_which('moment.pro')
>> /usr/local/itt/idl/idl80/lib/moment.pro
>
> Thanks Paulo,
>
> On my machine:
>
> ENVI> print,file_which('moment.pro')
> C:\Programme\ITT\IDL\IDL80\lib\moment.pro
>
> ENVI> print,file_which('moment.pro',/include_current_dir)
> C:\Programme\ITT\IDL\IDL80\lib\moment.pro
>
> Do you not get the error?
>
> Mort
```
