
Subject: Re: Keyword DIMENSION not allowed in call to: MOMENT

Posted by [penteado](#) on Sun, 21 Nov 2010 21:18:16 GMT

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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
```

Subject: Re: Keyword DIMENSION not allowed in call to: MOMENT

Posted by [Mort Canty](#) on Sun, 21 Nov 2010 21:49:04 GMT

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Am 21.11.2010 22:18, schrieb Paulo Penteado:

```
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> In my installation, it is in the file
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> 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

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 Penteado:

>
>
>
>
>
>

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>> On Nov 21, 6:53 pm, Mort Canty<m.ca...@fz-juelich.de> wrote:
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>
> ENVI> print,file_which('moment.pro',/include_current_dir)
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> Do you not get the error?
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> Mort

```

Subject: Re: Keyword DIMENSION not allowed in call to: MOMENT
 Posted by [Mort Canty](#) on Sun, 21 Nov 2010 22:21:01 GMT
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Am 21.11.2010 22:18, schrieb Paulo Penteado:

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Sorry. It was a subroutine in my ENVI SAVE_ADD directory. It was never a problem in previous IDL versions. Ah well...

Mort

Subject: Re: Keyword DIMENSION not allowed in call to: MOMENT
Posted by [Mort Canty](#) on Sun, 21 Nov 2010 22:35:01 GMT
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Am 21.11.2010 23:21, schrieb Mort Canty:

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> problem in previous IDL versions. Ah well...
>
> Mort

In fact, it was in ASTERDTM.SAV, a compiled commercial ENVI add-on. Jeez.

Mort
