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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 Carty <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
```

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

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

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Am 21.11.2010 22:18, schrieb Paulo Penteado:

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

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

Posted by [wlansman](#) 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 Carty <m.ca...@fz-juelich.de> wrote:

> Am 21.11.2010 22:18, schrieb Paulo Penteado:

>  
>  
>  
>  
>  
>

>> On Nov 21, 6:53 pm, Mort Canty<m.ca...@fz-juelich.de> wrote:  
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>  
>> 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  
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>> Do you not get the error?  
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>> Mort

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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

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

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Am 21.11.2010 23:21, schrieb Mort Carty:

> Am 21.11.2010 22:18, schrieb Paulo Penteado:  
>> On Nov 21, 6:53 pm, Mort Carty<m.ca...@fz-juelich.de> wrote:  
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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

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

Mort

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