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Subject: Re: IDL Astronomy Library: Some procedures doesn't work?

Posted by [Nothingness](#) on Tue, 08 Jan 2013 14:18:23 GMT

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On Wednesday, December 19, 2012 10:03:29 PM UTC+8, David Fanning wrote:

> Nothingness writes:

>

>

>

>> I have IDL and IDL Astronomy Library installed on server of my

>

>> institute. Some procedures can be executed, like hastrom, ad2xy,

>

>> correl\_optimize, etc. However some others can't, like convolve,

>

>> psf\_gaussian, etc. Even though their locations are in the IDL paths

>

>> and some of them (convolve and correl\_optimize) are in the same

>

>> directory. And they have the same permissions.

>

>>

>

>> Do you have any idea how to fix this?

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>

>

> Yes, call the procedures as procedures:

>

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>

> IDL> Junk

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>

>

> And call the functions as functions:

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>

>

> IDL> var = Junker()

>

>

>

> Functions in IDL always return a value. You have to

>

> provide a receptacle (variable) for the value of the

>

> function to be returned in.

>  
>  
>  
> Cheers,  
>  
>  
>  
> David  
>  
>  
>  
> --  
>  
> David Fanning, Ph.D.  
>  
> Fanning Software Consulting, Inc.  
>  
> Coyote's Guide to IDL Programming: <http://www.idlcoyote.com/>  
>  
> Sepore ma de ni thue. ("Perhaps thou speakest truth.")

Hi David,  
Thanks for the tips. The function `psf_gaussian` works properly when I input variables in, e.g. `psf = psf_gaussian([12,23,19.2],npixel=50)`.  
D

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