
Subject: Re: sigma_filter calling sequence

Posted by [David Fanning](#) on Sun, 05 Dec 2010 01:04:40 GMT

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burton449 writes:

```
> Ok!
> the script and the image are in the directory d:\
> the image is a .tif
>
> In IDL command line I typed the calling sequence with those
> parameters:
>
> Result = sigma_filter( image.tif, 5, 2 )
>
> I want the box_widht to be of 5 and the N_sigma to be 2.
>
> The error i got is:
>
> % Syntax error.
> IDL> Result = sigma_filter( image.tif, 5, 2 )
> % Expression must be a structure in this context: IMAGE.
> % Execution halted at: $MAIN$
>
> If try to show the path of the image like d:\\image.tif the error
> message is:
> % Illegal character in program text.
```

The "image" in the command has to be the image itself, not the name of the file containing an image. So, you have to read the image data out of the image file.

```
IDL> image = Read_Tiff('myimagefile.tif')
IDL> Help, image
```

Try that and see what happens. :-)

Cheers,

David

--

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Sepore ma de ni thui. ("Perhaps thou speakest truth.")
