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Subject: Re: How to add several \*.fit files (matrices) into one output \*.fit file?

Posted by [pgrigis](#) on Thu, 06 Nov 2008 20:16:17 GMT

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I think you may have been confused by the posts about automatically locate files.... these are important for IDL source code, but when you are dealing with data, you have to specify the full path.

Normally I use something as  
file=dir+filename  
such that when I need to move the files somewhere else I only need to change the dir in one place.

Ciao,  
Paolo

Griffons wrote:

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>> Griffons wrote:
>>> On Nov 6, 1:57 pm, David Fanning <n...@dfanning.com> wrote:
>>>> Griffons writes:
>>>> > Thank you for your help.
>>>> > I compiled all the procedures related to readfits and writefits.
>>>> > When I run readfits, it gives this error:
>>>> > Attempt to call undefined procedure/function: 'READFITS'.
>>>> > Execution halted at: $MAIN$
>>
>>>> > As a result, the files cannot be read when they are called:
>>>> > files=3D['test1.fits','test2.fits',...] ; I tried files_search it does
>>>> > not work.
>>
>>>> > writefits work when is run.
>>
>>>> > What could I do?
>>
>>>> The next step is to read this article:
>>
>>>> http://www.catb.org/~esr/faqs/smart-questions.html
>>
>>>> Especially the part about "don't say program XXX doesn't
>>>> work unless you are *absolutely* sure about it."
>>
>>>> Cheers,
>>
>>>> David
>>>> --
>>>> David Fanning, Ph.D.
```

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>>>> Fanning Software Consulting, Inc.
>>>> Coyote's Guide to IDL Programming: http://www.dfanning.com/
>>>> Sepore ma de ni thui. ("Perhaps thou speakest truth.")
>>
>>> I compiled gettok, mrd_skip, strnumber, sxaddpar, sxdelpar, sxpar,

>>> does not work.
>>
>> How does it fail then?
>>
>> Paolo- Hide quoted text -
>>
>> - Show quoted text -
>
> Hello Paolo,
> how are you?
>
> Here is what I get as error message:
> It is not able to locate any of the files. I am not sure how to pick/
> search for them.
>
>
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\readfits.pro"
> Compiled module: READFITS.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\readfits.pro"
> Compiled module: READFITS.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\strnumber.pro"
> Compiled module: STRNUMBER.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\sxaddpar.pro"
> Compiled module: SXADDPAR.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\sxdelpar.pro"
> Compiled module: SXDELPAR.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\sxpar.pro"
> Compiled module: SXPAR.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\tbget.pro"
> Compiled module: TBGET.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\valid_num.pro"
> Compiled module: VALID_NUM.
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents
> \Data_Reduction\code\READFITS_code\ftget.pro"

```

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> Compiled module: FTGET.  
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents  
> \Data_Reduction\code\READFITS_code\gettok.pro"  
> Compiled module: GETTOK.  
> IDL> .COMPILE "C:\Documents and Settings\Owner\My Documents  
> \Data_Reduction\code\READFITS_code\mrd_skip.pro"  
> Compiled module: MRD_SKIP.  
> IDL> files=['S_08189493.fit','S_08189494.fit','S_08189495.fit',  
> 'S_08189496.fit'];  
> IDL> sum = READFITS( files[0], /NOSCALE)  
> READFITS: ERROR - Unable to locate file S_08189493.fit
```

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