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

Posted by [Griffons](#) on Thu, 06 Nov 2008 19:38:45 GMT

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On Nov 6, 2:35 pm, Paolo <pgri...@gmail.com> wrote:

> 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.

>>> 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,

>> valid_num, and readfits. They all worked. Then I run readfits and it

>> 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"
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
```
