Subject: Re: How to add several *.fit files (matrices) into one output *.fit file?
Posted by Griffons on Thu, 06 Nov 2008 21:20:33 GMT

On 6 nov, 14:53, Chris <beaum...@ifa.hawaii.edu> wrote:
> On Nov 6, 9:38 am, Griffons <griffon...@gmail.com> wrote:
>
>
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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
>
> It doesn't know where this file is - probably because it is in a
> folder IDL doesn't know about. IDL has a list of directories that it
> looks for whenever trying to read or run anything (this is also how
> you get around manually compiling all of these files -IDL
> automatically looks in these folders and will automatically compile
> the code it needs to if it can find it). I have an older version of
> IDL, but there should be something like edit->preferences in IDL.
> Then, find the tab called 'path', choose to add a new directory to the
> path, and then add in all of the folders where you keep IDL code or
> files you want IDL to read. Then, things should compile and read much
> more easily. Note, you should be able to check a box that searches in
> all of the subdirectories of a given folder as well.
>
> Once you set up these paths, go ahead and dump the ENTIRE IDL astro
> library in one of the folders in your path. Then, you never need to
> worry about compiling them again.
>
> chris- Ocultar texto de la cita -
>
> - Mostrar texto de la cita -

Hello Chris,

How do you reverse the process you told me about?

Thank you.

Griffons