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

Posted by [Chris\[6\]](#) on Thu, 06 Nov 2008 17:37:33 GMT

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On Nov 6, 7:14 am, Griffons <griffon...@gmail.com> wrote:

> On Nov 6, 11:55 am, Wox <s...@nomail.com> wrote:

>

>> On Thu, 6 Nov 2008 08:46:31 -0800 (PST), Griffons

>

>> <griffon...@gmail.com> wrote:

>>> Hello,

>>> Thank you for your help.

>>> I mean adding as in summation. Let say you have 20 image files in a

>>> folder and want the output to be the sum into one file.

>

>> Well, then it's like Jeremy said, readfits to read all images and

>> writefits to write the sum. I'm not sure what the problem is...

>

> I downloaded readfits, writefits and the other files required.

> I am not sure what to do next. I compiled and ran readfits and

> writefits, but then what to do?

I would do something like this, where files is a string array of the file names and nfiles is the number of files in that array:

```
im = mrdfits( files[0], 0, h, /silent)
for i = 1, nfiles - 1, 1 do begin
    im += mrdfits(files[i], 0, h, /silent)
endfor
```

```
writefits,'outfile', im, h
```

The caveat to this is that the header of the output file is the header of the last file only. Use something like file_search to create the files array.

Chris
