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

Posted by [Christopher Thom](#) on Thu, 06 Nov 2008 17:53:10 GMT

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Quoth Wox:

```
> On Thu, 6 Nov 2008 09:14:30 -0800 (PST), Griffons
> <griffons76@gmail.com> wrote:
>
>> 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?
>
> files=['test1.fits','test2.fits',...] ; use e.g. file_search for this
> sum  = READFITS( files[0], /NOSCALE)
> for i=1,n_elements(files)-1 do $
>   sum += READFITS( files[i], /NOSCALE)
> writefits, 'sum_filename', sum
>
> Both readfits and writefits depend on some other procedures from the
> ASTRO library. Make sure you compiled them too.
```

And a minor point to add...be clear that you really want to specify the /NOSCALE option. If the fits images have BSCALE and BZERO set in the header, then you may want them scaled appropriately before summing...

cheers
chris
