
Subject: Re: Adding/Subtracting/Multiplying images together
Posted by [David Fanning](#) on Tue, 21 Jul 2009 20:56:04 GMT
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Barbara writes:

> I am extremely new to IDL, and am working with an astronomy professor
> looks at fits files. I have been able to split the header and image
> apart, however now I must be able to add images, then multiply them,
> and find the average image. Does anyone know how to do this?

You could try something like this:

```
image_added = image_1 + image_2  
image_multiplied = image_1 * image_2
```

IDL is a pretty easy language, as these things go. :-)

Cheers,

David

P.S. You *might* have to cast your image data to
a floating point type if you expect floating point
numbers when you do these mathematical processes:

```
image_added = Float(image_1) + image_2  
image_multiplied = Float(image_1) * image_2
```

--

David Fanning, Ph.D.
Coyote's Guide to IDL Programming (www.dfanning.com)
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Subject: Re: Adding/Subtracting/Multiplying images together
Posted by [cgguido](#) on Tue, 21 Jul 2009 22:08:23 GMT
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also, try

IDL> ?

and browse away...

G

Subject: Re: Adding/Subtracting/Multiplying images together

Posted by [Barbara](#) on Wed, 22 Jul 2009 19:01:00 GMT

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On Jul 21, 3:08 pm, Gianguido <gianguido.cia...@gmail.com> wrote:

> also, try

>

> IDL> ?

>

> and browse away...

>

> G

thanks to both! it was a great help! (simple, but a great help) so
thank you!
