
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.")
