Subject: Re: IDL - ENVI batch mode question
Posted by Jeff N. on Tue, 19 Apr 2005 17:02:03 GMT
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Michael,

If I'm understanding your problem correctly, this is a lot simpler than
you think. It sounds like you want to do some basic array
manipulation, like this:

Say you have two images, image1 and image2, that have the same column
and row dimensions, which we'll call xsize and ysize. You can make the
multiband image with simple code:

multi_band_image = bytarr(xsize, ysize, 2)
multi_band_image[*,*,0] = image1
multi_band_image[*,*,1] = image2

> From there you have lots of options. You can use IDL code to save the
image to a file and then use ENVI_SETUP_HEAD to write a header, but
like you suggest, using ENVI_WRITE_ENVI_FILE seems like the easiest
way. It'd look like this:

ENVI_WRITE_ENVI_FILE, multi_band_image, out_name='filename.img'

Is that what you needed help with? Or were you looking for how to setup
ENVI in batch mode? BTW, you can certainly write out a multi-band
image to a file without using ENVI at all...could that have been what
you were looking for?

Jeff

MMMisha wrote:
> Dear all :)
>
> I would like to about the right way to write programmaticaly
> (throughout IDL - ENVI batch mode) ONE-band image file (byte-format)
as
> a band of the new MULTI-band image.
>
> During the work over some project I m getting a lot of gray-scale
image
> files that I want to write as bands in multi-band image file. Is it
> possible thoughout regular way with ENVI_WRITE_ENVI_FILE with some
> specifivations?
>

> Thank you in advance
>
> Michael

Subject: Re: IDL - ENVI batch mode question
Posted by MMMisha[1] on Thu, 21 Apr 2005 07:01:28 GMT

jnettle1@utk.edu wrote:
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>>
>> Thank you in advance
>>
>> Michael

Dear Jeff,

Thanks a lot for your help - it works now !!!

My problem was in wrong discribing of multidimensional array