
Subject: Re: IDL - ENVI batch mode question

Posted by [MMMisha\[1\]](#) on Thu, 21 Apr 2005 07:01:28 GMT

[View Forum Message](#) <> [Reply to Message](#)

jnettle1@utk.edu wrote:

> 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 programmatically

>> (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 throughout regular way with ENVI_WRITE_ENVI_FILE with some
>> specifivations?
>>
>> 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
