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Subject: Re: how to read/display an image like it's done in ENVI?

Posted by [Hassan](#) on Tue, 29 Dec 2009 14:25:02 GMT

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On Dec 29, 2:06 pm, David Fanning <n...@dfanning.com> wrote:

> Hassan writes:

>> do you think has something unusual happened?

>

> I don't know. The code you sent doesn't work. Could

> that be the problem?

>

> Once I got the code to work, the ENVI value at [1,1]

> corresponded exactly to the image value at [0,0].

>

> Here is the code I used.

>

> filename = 'bhdemsub.img'

> ENVI\_OPEN\_FILE, filename, /NO\_REALIZE, R\_FID=FID

> envi\_file\_query, fid, ns=dimX, nl=dimY, nb=nbBands,\$

> DATA\_TYPE=dataType, OFFSET = HeaderOffSet, \$

> LOOKUP= lookup, class\_names =classNames, \$

> num\_classes = numClasses

> map\_Info = ENVI\_GET\_MAP\_INFO(FID=FID)

> image = read\_binary(filename,data\_Start = HeaderOffSet,\$

> data\_Type=dataType, data\_Dims=[dimX,dimY,nbBANDS],\$

> ENDIAN= "native")

>

> Cheers,

>

> David

>

> --

> David Fanning, Ph.D.

> Fanning Software Consulting, Inc.

> Coyote's Guide to IDL Programming:<http://www.dfanning.com/>

> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

yeah the code is fine. I did a silly mistake, I read the the data in  
the wrong band I should've read [299,159,0] but I read [299,159,1]  
instead.