
Subject: Re: reading images with small # pixels but large # bands in ENVI

Posted by [David Fanning](#) on Mon, 06 Dec 2004 17:46:53 GMT

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jnettle1@utk.edu writes:

> Not necessarily...are you asking this b/c of your tutorial on where
> does the 3 go?

No, I was just trying to understand what you were talking about. :-)

> Your tutorial was based on 3 band images, and as you
> know BIP interleaves are not restricted to 3 bands. But you're right,
> I should've been more clear about this: when I say 1x12x65536 I mean 1
> column by 12 rows by 65536 bands, which is technically stored in the
> image file as intarr(65536,1,12) since it's a BIP interleave. I am in
> the perhaps misleading habit of referring to image cubes in general in
> the column x row x band format regardless of the interleave :)

No idea why it is hanging, but it wouldn't surprise me if a dimension of 1 was somehow involved. ENVI (I think) sometimes changes the interleaving of images for its own purposes. I imagine it does this with the TRANSPOSE command. I wouldn't be surprised to find this dimension dropped accidentally and for that to be at the heart of the problem.

Cheers,

David

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