
Subject: Re: reading images with small # pixels but large # bands in ENVI
Posted by [jnettle1](#) on Tue, 07 Dec 2004 16:13:00 GMT

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- > 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.
- >

I asked some colleagues that I thought had opened single column images before in ENVI, and sure enough, they have. They've even done 1x1 images....so i tried a few 1x12 images with smaller number of bands and they worked. 1x12x5000 worked but took a second, 1x12x10,000 took much longer. I have a feeling you're right about ENVI doing some transposing without telling me, but at this point I'm prepared to just call the whole thing a "memory problem" and just move on. I seem to recall a posting on your website about subscripting arrays taking tons of memory, I wonder if that has anything to do with it. Thanks for your help though.

Jeff
