
Subject: Re: ENVI_CONVERT_FILE_MAP_PROJECTION processing times
Posted by [David Fanning](#) on Fri, 02 Sep 2011 22:09:45 GMT
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Martin Landsfeld writes:

- > I am remapping some GeoCover imagery to conform to our SRTM data. The
- > GeoCover is in the UTM projection at 28.5 meters and the SRTM is in a
- > Geographic projection at 0.0008333 degree resolution. I can do the
- > conversion interactively in ENVI and it takes about 67 seconds. The
- > files are large with:
- >
- > SRTM at 7208 x 9608 pixels
- > GeoCover at 26857x19517 pixels
- >
- > I would like to run the conversions in IDL using the batch ENVI
- > function ENVI_CONVERT_FILE_MAP_PROJECTION but when I do, it takes
- > nearly 2 hours to process the same files on the same machine, a
- > Windows 2008 Server with 4, 2.2GHz. Quad-Core processors and 32GB RAM.

I seriously doubt you are doing anything wrong. But, it has been my experience that ENVI does not use its own API. So, the way they do things internally, and the way they tell you to do them programmatically are really two different things. It wouldn't surprise me to find this is one of those cases.

Cheers,

David

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Coyote's Guide to IDL Programming: <http://www.dfanning.com/>
Sepore ma de ni thui. ("Perhaps thou speakest truth.")
