Subject: Re: inverting a binary image(array)?
Posted by Jim Pendleton on Sun, 06 Nov 2011 15:24:35 GMT

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On Nov 4, 3:54 pm, desertdryad <dry...@gmail.com> wrote:
> What's the most streamlined way to do this?

In the ENVI environment, you might consider writing a simple band math user function.

Look for the "Band and Spectral" math section of the ENVI Programmer's Guide in the online help.

You'll then have a function you can reuse in other contexts within ENVI.

ENVI will tile the data as necessary so if the image is very large you won't exhaust memory.

For extra points, use the TEMPORARY function and use the same data type as the input band to prevent upcasting and unnecessary data copying, (e.g., for byte data: RETURN, 1B - TEMPORARY(b1), for unsigned short data: RETURN, 1US - TEMPORARY(b1)).

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