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Subject: Re: Adding a GEOTIFF header to a (large) TIF file  
Posted by [Jeff N.](#) on Wed, 22 Feb 2006 04:35:42 GMT

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The last time I used geo-tiff's (several years ago), the georeferencing for a tiff file was stored in what was called a "world file." A world file is a plain text file that accompanies a regular tif image, and it had the extension \*.tfw . So, if you had a tiff file named satellite\_image.tif, there would be an accompanying file named satellite\_image.tfw. Since you said you already have the tiff file, and since the world file is just a plain text file, I'd look up on the web what the format for the world file is, and just write that out like you would any other text file. \*Unless\* they've changed the file formats for geo-tiffs :)

Hope that helps,  
Jeff

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Subject: Re: Adding a GEOTIFF header to a (large) TIF file  
Posted by [raval.chintan](#) on Wed, 22 Feb 2006 06:26:35 GMT

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cminton@gmail.com wrote:

> Hello -- Long time reader, first time poster.  
>  
> I am having a problem that I can't seem to crack in IDL, hopefully  
> someone can help.  
>  
> I have a (non-geo) TIFF to which I'd like to add georeferencing  
> information. I can create the GEOTIFF structure, all ready for passing  
> to WRITE\_TIFF, but...  
>  
> My problem is that the TIFF file is too large for me to read/load into  
> memory, so I can't use the WRITE\_TIFF function (because I can't obtain  
> the "Image" parameter in the IDL workspace.)  
>  
> I'm at a loss, and would appreciate any suggestions/ideas,  
>  
> --Carl Minton

Hi Carl,

Writing the result to disk is a bit tricky. The simplest option would be to dump the TIFF to generic binary and read it using the ASSOC() function . Then you can treat it as a simple generic binary image (without headers or anything) and use it in program to convert it to

TIFF again.

While writing Tiff file with ASSOC function you can give the Geotiff Option.

Hope this helps,

Chintan

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