
Subject: Re: Geotiff coor

Posted by [fanxing_gis](#) on Fri, 19 Oct 2007 04:50:39 GMT

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On 10 18 , 7 30 , krasto...@gmail.com wrote:

> Hello everybody out there,
>
> here's a question on writing a geotiff with envi-idl
> I've resized a geotiff in smaller parts and saved them.
> My problems is how to get the correct coordinates on the new files.
> I get the new image with envi_get_data setting the /DIM as i need it.
>
> My code:
>
> ; try to get the geotiff structure from the original file for the
> resized image
> ;using x and y as center of a square image (801x801) that I have to
> cut
>
> width=801
> height=801
> result=read_tiff(filename, SUB_RECT=[x-400, y+400, width, height],
> geotiff=variable)
>
> ;write the new geotiff resized
>
> write_tiff, newname, imgdata, geotiff=variable, /short
>
> IDI write me a file with the right coor system but with wrong
> coordinates.
> Using sub_rect didn' help to get the coord i need..
> Have you any suggestion?
>
> Cheers
>
> Lo

what is the x and y value? geographical coordinates or row/column value?

Subject: Re: Geotiff coor

Posted by [devin.white](#) on Fri, 19 Oct 2007 10:54:21 GMT

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The easiest thing to do, since you have access to ENVI, would be to use the RESIZE_DOIT procedure. It will generate an ENVI format version of your data with the correct map information, which you can

then send to a GeoTIFF using ENVI_OUTPUT_TO_EXTERNAL_FORMAT.

On Oct 18, 7:30 am, krasto...@gmail.com wrote:

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Subject: Re: Geotiff coor

Posted by [krastoboy](#) on Tue, 23 Oct 2007 09:29:05 GMT

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On 19 Oct, 12:54, "devin.wh...@gmail.com" <devin.wh...@gmail.com>
wrote:

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```

Thanks everybody,
at the end I was working with the metadata of the whole original image
e not with the metadata of the cutted one.
I had to enter the geotiff structure and set the new coordinates from
there.

Cheers
Lorenzo
