
Subject: raster to vector conversion

Posted by [aesculapx](#) on Wed, 17 Sep 2003 17:36:07 GMT

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hi,

i am looking for an idl routine that converts raster images into vector data. does anybody know where i can find such a vectorization routine for IDL?

thanx

Subject: Re: Raster to Vector

Posted by [David Fanning](#) on Thu, 07 Apr 2005 19:49:27 GMT

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Julio writes:

```
> A have a TIF image and I want to make a raster to vector conversion of
> some DN values.
>
> I'm using rtf_doit:
>
> values = [4096] ; the DN I want to convert
> l_name = [values]
> out_names = dir+'testing_' + $
> strcompress(string(values),/remove_all) + '.evf'
> in_memory = lonarr(n_elements(values))
>
> envi_toggle_catch
> envi_doit, 'rtv_doit', $
> fid=fid, pos=pos, dims=dims, $
> values=values, l_name=l_name, $
> in_memory=in_memory, $
> out_names=out_names
>
> But I have no success... I have the message:
>
> % Subscript range values of the form low:high must be >= 0, < size,
> with low <= high: <BYTE   ( 179)>.
> % Execution halted at: EVF_INIT_FILE
>
> What could be the problem???
```

I would guess that this line:

```
in_memory = lonarr(n_elements(values))
```

is not doing what you think it is doing. :-)

Why don't you print out N_ELEMENTS(values) and see what you think.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

Coyote's Guide to IDL Programming: <http://www.dfanning.com/>

Subject: Re: Raster to Vector

Posted by [julio](#) on Fri, 08 Apr 2005 16:41:49 GMT

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This code was copied from ENVI help. I just changed the 'values' field. I don't know what 'rtv_doit' does, so I have no idea what is the problem with this code. I only want to convert some DN values inside my raster image to vector...

Julio

David Fanning <davidf@dfanning.com> wrote in message news:<MPG.1cbf3cb3c8bdc4389899b1@news.frii.com>...

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>
> David
