
Subject: Re: Obtain Pixel values in ENVI and report those to IDL

Posted by [Jean H.](#) on Thu, 04 Dec 2008 14:39:35 GMT

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david.b.valdez@gmail.com wrote:

> I need to obtain pixel values interactively, via my cursor in an ENVI
> displayed image and report those out to IDL so I can read them into
> the REGION_GROW routine. This may seem simple but I can't figure it
> out.
>
> Thanks for your help.
> Dave

Hi Dave,

ok, since no specialist have answered, here is a try.

First, I doubt you are doing the right program "combination"... I believe you should either do everything within IDL (open an image, select the pixel, grow your region), or within Envi, by calling an IDL function... but transferring data back and forth is likely going to be a pain.

For the first option, well, the degree of complexity depends on what is your data and your goal...

```
;Open your image
openr, unit,image, /get_lun
readu, unit, img
close, unit & free_lun, unit
```

```
;display it
tvimage, img
```

```
;select a pixel
cursor,x,y
```

```
;grow your region and else!
```

For the second option, read in Envi help under menu/item user values. It tells you how to integrate an IDL program in Envi.

Your program would, I guess, be like

```
;select a pixel
cursor,x,y
```

```
;grow your region and else!
```

Hope this helps!
Jean
