
Subject: Re: Envi display bands
Posted by [Jeff N.](#) on Fri, 24 Mar 2006 06:47:59 GMT
[View Forum Message](#) <> [Reply to Message](#)

I'm not sure how you're opening a file with that function, but I'm sure it works somehow and I'm just not seeing it. Anyway, I think something like this will do what you want:

```
widget_control, ev.top, get_uvalue=dn  
envi_disp_query, dn, xds=xds, yds=yds, color=color  
if (color eq 0) then band_pos = 0  
data=envi_get_image(dn=dn, band_pos=band_pos, $  
  dims=[-1, 0, xds[0]-1, 0, yds[0]-1])
```

That's straight out of the help file entry for the ENVI_GET_IMAGE function, so if you need more help have a look at that function in ENVI help.

Hope that works,
Jeff

vcarlos wrote:

```
> Hi all,  
>  
> I am opening my file images using the envi_display_bands functions.  
> That is pretty fast and useful. But, now, I want to edit the opened  
> image using one of my edition tools in a fast way.  
>  
> What I am doing now is making a roi, getting the indexes it generates  
> and then changing directly the file, then redisplaying the changed file  
> on the screen. This is not very smart because I have to edit the file  
> every time the user uses any edition tool.  
>  
> It would be better if I could only apply the changes to a variable and  
> when I desired, save that in the file. The problem is:  
> envi_display_bands doesn't return any variable or pointer to open  
> image.  
>  
> Does anyone know a way to access the data of the image opened by  
> envi_display_bands in memory instead of accessing the file?  
>  
> Thanks a lot,  
>  
> Vinicius
```
