
Subject: Add event handling to an ENVI display group
Posted by on Mon, 25 Aug 2014 14:02:58 GMT
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My program does the following:

- (1) look for an image path
- (2) open the image using `envi_open_file`
- (3) locate the correct bands for a false color composite
- (4) display the image using `envi_display_bands`

When the user closes the display group, I want the image to be removed from the memory as well (using `envi_file_mng`, `id = fid`, `/remove`).

I guess what I need for this is to add event handling to my display group. However I have not the slightest idea how to accomplish this, nor can I find any information online.

Adding event handling is possible I think, since I read the following everywhere in related articles on the ENVI website "You can retrieve DNs in the event handler of user-managed display events." For example here: http://www.exelisvis.com/docs/ENVI_CLOSE_DISPLAY.html

The code:

```
imgfile = 'P:\...\image'
envi_open_file, imgFile, r_fid = fid, /no_realize
envi_file_query, fid, wl=wl
RGB_loc = value_locate(wl, [1650, 830, 650])
envi_display_bands, [fid, fid, fid], rgb_loc, /new
```

If I could somehow figure out the widget ID, I could use `xmanager`? But I cannot find it... I guess I am understanding the concept of display groups wrong?

Thanks a lot in advance.
