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Subject: Z-profile for special plot?

Posted by [j.me](#) on Mon, 18 Sep 2006 12:04:40 GMT

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Hello,

I have created by my own code three files from some envi routine in my disk(derived from satellite image). These files are quite large (like x, y, t; ex:500,500,365). My question is :how is possible to retrieve information from each pixel like the z profile tool from menu in envi? Is it possible to see the code used by this tool(z-profile)? Because, if I have data from one pixel location for every dates, and from three file I can do a multi plot, with some change between the axis of the graph.

Or more especially, I know that I can do the following:

Use

```
WHILE !MOUSE.BUTTON NE 4 DO BEGIN
```

```
to begin my loop
```

```
; Get all the display numbers and
; check to make sure at least one
; display is present.
;
display = envi_get_display_numbers()
if (display[0] eq -1) then return
;
; Print out the location of the
; current pixel for each display
```

```
disp_get_location, display[i], xloc, yloc
```

And from here the best way to retrieve information from my file saved into my disk is to use `envi_get_slice` but I am sure it is not the more simple.

Here I can do my plot.

Does anybody can help me? Anybody have a similar code than Z-profile?

Best

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