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Subject: Re: Very complicated visualization problem  
Posted by [David Fanning](#) on Sat, 26 Apr 2008 01:43:48 GMT  
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khaldanr@gmail.com writes:

> Please any help in this complicated problem.

If there is no overlap, just assign a different number to each segment, collapse the three channel image into a single 2D image, and display that with any color table you like.

Cheers,

David

--

David Fanning, Ph.D.

Fanning Software Consulting, Inc.

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

Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: Very complicated visualization problem  
Posted by [khaldanr](#) on Sat, 26 Apr 2008 02:16:52 GMT  
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On Apr 25, 7:43 pm, David Fanning <n...@dfanning.com> wrote:

> khald...@gmail.com writes:

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>

> If there is no overlap, just assign a different  
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> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Dear David,

Please give me more details, I did not understand how to do that.

Actually I am beginner in IDL and I do not know yet so much. Please I need more details.

Thank you very much,

Khaldan

---

Subject: Re: Very complicated visualization problem  
Posted by [David Fanning](#) on Sat, 26 Apr 2008 04:53:07 GMT  
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khaldanr@gmail.com writes:

> Please give me more details, I did not understand how to do that.  
> Actually I am beginner in IDL and I do not know yet so much. Please I  
> need more details.

Well, then why are starting with heart surgery? I'd learn to suture a cut first.

But, anyway, you have a handful of "regions", right? They don't overlap. So make a 500x500 byte array. Assign each of your regions a number (1 to 7, if you like). In turn, take the the pixels that make up a region and assign them a number in the byte array. You will get a 2D array that has the regions all identified by a different number. Load a color table with that many colors, and just display it.

```
display = Bytarr(500, 500)
display[region_1] = 1
display[region_2] = 2
etc.
Loadct, 13, NCOLORS=nregions, BOTTOM=1
TV, display
```

It turns your "complicated" visualization problem into something a whole lot simpler.

Cheers,

David

--

David Fanning, Ph.D.  
Fanning Software Consulting, Inc.  
Coyote's Guide to IDL Programming: <http://www.dfanning.com/>  
Sepore ma de ni thui. ("Perhaps thou speakest truth.")

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Subject: Re: Very complicated visualization problem  
Posted by [khaldanr](#) on Mon, 28 Apr 2008 00:09:39 GMT  
[View Forum Message](#) <> [Reply to Message](#)

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On Apr 25, 10:53 pm, David Fanning <n...@dfanning.com> wrote:

> khald...@gmail.com writes:

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> Sepore ma de ni thui. ("Perhaps thou speakest truth.")

Thank you very much David. I really appreciate your help!.

Khalidan

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