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.")

Subject: Re: Very complicated visualization problem Posted by khaldanr on Sat, 26 Apr 2008 02:16:52 GMT View Forum Message <> Reply to Message

On Apr 25, 7:43 pm, David Fanning <n...@dfanning.com> wrote:

- > khald...@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.")

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 View Forum Message <> Reply to Message

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.")

Subject: Re: Very complicated visualization problem Posted by khaldanr on Mon, 28 Apr 2008 00:09:39 GMT

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```
On Apr 25, 10:53 pm, David Fanning <n...@dfanning.com> wrote:
> khald...@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.
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> and assign them a number in the byte array. You will get
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>
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>
   display[region 1] = 1
   display[region_2] = 2
>
   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.")
```

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

Khaldan