Subject: manipulating 3-D arrays
Posted by Induja Shaji on Tue, 30 Jun 2015 05:26:01 GMT
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Hi..I have an image array  IMG          BYTE    = Array[3, 1024, 1024] . I want this to be mapped using plot_map in sswidl which needs a 2-d array . How can I do this?

Subject: Re: manipulating 3-D arrays
Posted by Yngvar Larsen on Tue, 30 Jun 2015 08:53:35 GMT
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On Tuesday, 30 June 2015 07:26:03 UTC+2, Induja Shaji  wrote:
> Hi..I have an image array  IMG          BYTE    = Array[3, 1024, 1024] . I want this to be mapped using plot_map in sswidl which needs a 2-d array . How can I do this?

Very hard to say unless you specify what the image contains. An RGB image I assume? Have a look here for some ideas:

http://www.exelisvis.com/docs/COLOR_QUAN.html

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Yngvar

Subject: Re: manipulating 3-D arrays
Posted by Induja Shaji on Wed, 05 Aug 2015 05:23:22 GMT
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Thank you.
This is actually an RGB image only hence comes the '3' in the array. And I can take each layers and plot(which will become a 2D array now). But I want the  combined image to be mapped using plot_map so that I want to do some manipulations on that.

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Induja

Subject: Re: manipulating 3-D arrays
Posted by Puneeth Shankar on Mon, 10 Aug 2015 11:06:34 GMT
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On Tuesday, June 30, 2015 at 10:56:03 AM UTC+5:30, Induja Shaji wrote:
> Hi..I have an image array  IMG          BYTE    = Array[3, 1024, 1024] . I want this to be mapped using plot_map in sswidl which needs a 2-d array . How can I do this?

Have you looked at REFORM()