Subject: Re: Export values from plot window Posted by Conor on Mon, 15 Oct 2007 19:03:41 GMT

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On Oct 15, 4:59 am, vijay <vijayans...@gmail.com> wrote:

- > Hi all, i had plotted an image for two bands (plot,red,green). From
- > the plot window can i able to
- > store the minimum and maximum values to a variable. I also want to
- > write those two values to an ASCII file, can i able to do that?

Sure!! Just do this:

print, max(green) print, min(green)

then, open a text editor, type in the values you see on the screen, and save it to a file!

Hmm... I suppose you'd rather do the whole thing in IDL... In that case, try this:

minpt = min(green)maxpt = max(green)

openw,lun,'filename',/get_lun printf,lun,minpt,maxpt close,lun free lun,lun

Subject: Re: Export values from plot window Posted by vijay on Tue, 16 Oct 2007 08:40:45 GMT View Forum Message <> Reply to Message

On Oct 16, 12:03 am, Conor <cmanc...@gmail.com> wrote:

- > On Oct 15, 4:59 am, vijay <vijayans...@gmail.com> wrote:
- >
- >> Hi all, i had plotted an image for two bands (plot,red,green). From
- >> the plot window can i able to
- >> store the minimum and maximum values to a variable. I also want to
- >> write those two values to an ASCII file, can i able to do that?
- > Sure!! Just do this:

>

- > print,max(green)
- > print,min(green)
- > then, open a text editor, type in the values you see on the screen,

```
> and save it to a file!
> 
Hmm... I suppose you'd rather do the whole thing in IDL... In that
> case, try this:
> 
minpt = min(green)
> maxpt = max(green)
> 
openw,lun,'filename',/get_lun
> printf,lun,minpt,maxpt
> close,lun
```

Hi, from plot window i want to choose random points by using the cursor and i want to export it and store it in a variable and also as a ascii file(i dont need the x and y coordinates values but i need the original values ie DN of the corresponding image).

Subject: Re: Export values from plot window Posted by Spon on Tue, 16 Oct 2007 10:09:24 GMT

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- > Hi, from plot window i want to choose random points by using the
- > cursor and i want to export it and store it in a variable and also as
- > a ascii file(i dont need the x and y coordinates values but i need
- > the original values ie DN of the corresponding image).

It sounds to me like you'd be better off using ImageJ than IDL for this sort of thing. It's freeware, just google it.

Hope this helps Chris

> free lun.lun

Subject: Re: Export values from plot window Posted by Jean H. on Tue, 16 Oct 2007 16:50:37 GMT View Forum Message <> Reply to Message

- > Hi, from plot window i want to choose random points by using the
- > cursor and i want to export it and store it in a variable and also as
- > a ascii file(i dont need the x and y coordinates values but i need
- > the original values ie DN of the corresponding image).

You might want to study the example draw_widget_data.pro in the examples/doc/widgets subdirectory of the IDL distribution.

It does what you want... basically you read the X;Y coordinates of the cursor, transform that to row;colum coordinates, then read the data underneath. You can easily add this data to an existing variable, and when you are done, simply save your variable or print it in a file, using the method in Conor's message.

Jean

Subject: Re: Export values from plot window Posted by mankoff on Wed, 17 Oct 2007 19:05:14 GMT View Forum Message <> Reply to Message

On Oct 16, 11:09 pm, Spon <christoph.b...@gmail.com> wrote:

- >> Hi, from plot window i want to choose random points by using the
- >> cursor and i want to export it and store it in a variable and also as
- >> a ascii file(i dont need the x and y coordinates values but i need
- >> the original values ie DN of the corresponding image).

>

- > It sounds to me like you'd be better off using ImageJ than IDL for
- > this sort of thing. It's freeware, just google it.

>

- > Hope this helps
- > Chris

Or g3data: http://www.frantz.fi/software/g3data.php

-k.

Subject: Re: Export values from plot window Posted by mankoff on Wed, 17 Oct 2007 22:25:24 GMT View Forum Message <> Reply to Message

On Oct 16, 11:09 pm, Spon <christoph.b...@gmail.com> wrote:

- >> Hi, from plot window i want to choose random points by using the
- >> cursor and i want to export it and store it in a variable and also as
- >> a ascii file(i dont need the x and y coordinates values but i need
- >> the original values ie DN of the corresponding image).

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- > It sounds to me like you'd be better off using ImageJ than IDL for
- > this sort of thing. It's freeware, just google it.
- >
- > Hope this helps
- > Chris

-k.