
Subject: Re: cw_fslider

Posted by [davidf](#) on Tue, 22 Dec 1998 08:00:00 GMT

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Lisa Bryan (lbryanNOSPAM@arete-az.com) writes:

> I am having problem with the DRAG keyword to the CW_FSLIDER function.
> When using this slider I want to see the values change as I slide the
> slider button. This feature is described in the help section under
> the keyword DRAG. According to the help section by setting /DRAG, I
> should be able to see events as I drag the slider button. And, in
> fact, this works as described in the WIDGET_SLIDER function using the
> same keyword. Unfortunately, I need to use the floating version of
> this function.

Humm, I don't know why this is happening. Drag events are not available for all machines, but if you see it working on normal sliders, then it should certainly work for floating sliders.

Are you sure you have seen it working on *this* machine?

I don't see anything in the CW_FSLIDER code that would cause problems, although this code is a mystery:

```
IF NOT (KEYWORD_SET(drag)) THEN drag = 0
```

Does anyone see any advantages (other than its harder to understand and protects your job better) than this simpler construction:

```
drag = Keyword_Set(drag)
```

> BTW, I'm using this to build a tool for interactively
> changing the greylevels of a displayed image. Anyone out there
> already done this?

Have you seen my program XStretch? This puts up a histogram plot of the image (along with the image) and allows you to interactively move two bars in the window. (It's like a double slider, I guess.) The image pixels are "stretched" between the values of the two bars.

<http://www.dfanning.com/programs/xstretch.pro>

Cheers,

David

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Subject: Re: cw_fslider
Posted by [David Foster](#) on Tue, 29 Dec 1998 08:00:00 GMT
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Lisa Bryan wrote:

>
> Hello all,
>
> I am having problem with the DRAG keyword to the CW_FSLIDER function.
> When using this slider I want to see the values change as I slide the
> slider button. This feature is described in the help section under
> the keyword DRAG. According to the help section by setting /DRAG, I
> should be able to see events as I drag the slider button. And, in
> fact, this works as described in the WIDGET_SLIDER function using the
> same keyword. Unfortunately, I need to use the floating version of
> this function. BTW, I'm using this to build a tool for interactively
> changing the greylevels of a displayed image. Anyone out there
> already done this? Thanks for your help.
>
> P.S. I'm still looking for the double slider if anyone has it.
>

Lisa -

You might be interested in my GRAYSCALE.PRO routine. It is a double slider that allows you to interactively adjust the grayscale. You will need my STRETCH2.PRO as well. You can define colors that are to be preserved, a minimum and maximum value for the grayscale, and you can create a "slit-scale" where half the values are used for a grayscale and half are used for a "color-scale" using the color of your choice.

It would be pretty easy to modify this to use the floating sliders.

These can be downloaded from:

ftp://bial8.ucsd.edu/pub/software/idl/share/idl_share.tar.gz

Dave

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