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Subject: Re: passing values to cw\_fslider  
Posted by [mmiller3](#) on Thu, 21 Feb 2008 20:55:20 GMT  
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>>>> > "Mark" == Mark <astroboy2k@gmail.com> writes:

> Hello. I'm trying to write a program in which changes in  
> the quantity associated with one widget are reflected in  
> the values of other widgets, and I am at a loss to do  
> this. In fact, I'm not sure it even can be done.

> In the example below, I have slider widgets for mass,  
> volume, and density. If I change the volume slider, the  
> mass is held constant and a new value for the density is  
> calculated. Etc.

In your example, the get and set\_uvalue stuff is in the main routine, not your event handlers. If you identify each widget with a uname, you can use widget\_info(event.top,find\_by\_uname='widget uname') to find the appropriate widget, then get their values and update as needed in your event handlers.

For example, if you define your widgets like this:

```
dens = cw_fslider(slide_dens,value=5.,min=0.1,max=10.,title='DENSIT Y: gm/cc',  
uname='density')  
vol = cw_fslider(slide_vol,value=8.,min=0.1,max=10.,title='volume: cm-cubed', uname='volume')  
mass = cw_fslider(slide_mass,value=40.,min=0.1,max=100.,title='mass : grams', uname='mass')
```

then you could rewrite pro\_1 to include

```
widget_control, widget_info(event.top,find_by_uname='volume'), set_value=(*pinfo).mass/density
```

and so on for pro\_2 and pro\_3.

Mike

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