Subject: Re: Changing maximum of slider
Posted by dwu on Tue, 06 Aug 1996 07:00:00 GMT
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Robert Moss (mossrm@texaco.com) wrote:
:
: ;Slider widget id = wid
: widget_control, wid, set_slider_max = x, set_slider_min = y
:
: mm = widget_info(wid, /slider_min_max)
: ;mm contains slider endpoints

If wid=cw_fslider(),
do you know how to change the max and min ?

:
: --
: Robert M. Moss, Ph.D. - mossrm@texaco.com - FAX (713)954-6911
: --- -----
: This does not necessarily reflect the opinions of Texaco Inc.

Subject: Re: Changing maximum of slider
Posted by Robert Moss on Tue, 06 Aug 1996 07:00:00 GMT
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Jorn Helbert wrote:
>
> Hi,
> is there any way to change the maximum of a slider-widget during
> run-time?
> I have a slider which denotes the plane of a cut through a 3-dim.
> structure. But I don't have the same number of cuts in all three
> dimensions. So I would like to be able to change the maximum according
> to the direction.
>
> --
> Joern Helbert
>
> Space and atmospheric physics group
> Imperial College - London
> phone: 0171 594-7764

;Slider widget id = wid
widget_control, wid, set_slider_max = x, set_slider_min = y

mm = widget_info(wid, /slider_min_max)

;mm contains slider endpoints

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Robert M. Moss, Ph.D. - mossrm@texaco.com - FAX (713)954-6911
  --- -----
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Subject: Re: Changing maximum of slider
Posted by Robert Moss on Wed, 07 Aug 1996 07:00:00 GMT
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Ding Wu wrote:
>
>
> If wid=cw_fslider(),
> do you know how to change the max and min ?
>

heh.. this gets tricky. You can try this:

; wid is the widget id of the cw_slider widget
wid = cw_slider(..)

; x = new slider max, y = new slider min
widget_control, widget_info(wid, /child), get_uvalue = state, /no_copy
widget_control, state.slideid, set_slider_max = x, set_slider_max = y
state.top = x ;update the cw_slider state structure
state.bot = y
widget_control, widget_info(wid, /child), set_uvalue = state, /no_copy

I havent tried this, but I'd say its definitely worth a shot...

Robert

Subject: Re: Changing maximum of slider
Posted by Ralf Loeffler on Wed, 07 Aug 1996 07:00:00 GMT
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Jorn Helbert wrote:
>
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> run-time?
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> structure. But I don't have the same number of cuts in all three

> dimensions. So I would like to be able to change the maximum according
> to the direction.
>

Hi,
I had the same problem, and even better also have the solution:

you can just do it by using:
widget_control, SLIDER_NAME, set_slider_max=DIMENSION

--
Ralf Loeffler   MED MRA 2, Siemens AG.,
Germany
loeffler@scn.de   <http://www.scn.de/~loeffler>   +49 9131 84
8061

Subject: Re: Changing maximum of slider
Posted by Robert Moss on Thu, 08 Aug 1996 07:00:00 GMT
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Ok, if all you want to do is change the range of values returned by
a cw_fslider() widget, this will definitely work

wid = cw_fslider(...)

widget_control, widget_info(wid, /child), get_uvalue = state, /no_copy
state.top = new_max
state.bot = new_min
widget_control, widget_info(wid, /child), set_uvalue = state, /no_copy

This will not change the label if the value displayed is outside the
new range of values. However, you could do that as well by calculating
what the value should be and using

widget_control, state.labelid, $
    set_value = string(new_label, format = state.format)

My apologies for the quick posting earlier which incorrectly said
to change the actual slider min and max limits.

--
Robert M. Moss, Ph.D. - mossrm@texaco.com - FAX (713)954-6911
 --- -----
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Subject: Re: Changing maximum of slider
Posted by dwu on Thu, 08 Aug 1996 07:00:00 GMT

Thank you for your method. But this only changes label of the slider
(maybe only the slider_min, not the slider_max, since the length is
fixed), cannot change the calculation of the slider.
Maybe just writing another cw_slider.pro is a good solution.

Maybe I'm wrong, I haven't try your method yet.

Thanks again.

Robert Moss (mossrm@texaco.com) wrote:
: ; x = new slider max, y = new slider min
: widget_control, widget_info(wid, /child), get_uvalue = state, /no_copy
: widget_control, state.slideid, set_slider_max = x, set_slider_max = y
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