Subject: modal widgets problem

Posted by Benjamin Hornberger on Tue, 20 Apr 2004 18:22:44 GMT

Hi all,

I read David Fanning's book about modal, blocking and non-blocking widgets, and some newsgroup articles, rather carefully, but I am still stuck with the following problem:

I have a GUI called 'display_array_gui' which can display an array, change min and max values, colortables etc. From display_array_gui, I want to call a 'histogram_gui', which displays a histogram of the array, and I want to click into the histogram to adjust the min and max in display_array_gui.

While histogram_gui is open, I want display_array_gui to be blocked from receiving input (e.g., its min and max fields, because they would interfere with the histogram). But when I click into the histogram, I want to have display_array_gui update its min and max for the display. The new min or max will be sent to display_array_gui through an event structure and widget_control, .., send_event = ...

If I use the modal and group_leader keywords in histogram_gui's tlb, it will block display_array_gui, but the display update will be delayed until histogram_gui is closed. If I don't, then display_array_gui is not blocked and could in principle have parameters changed which would interfere with the histogram display.

I tried to set display_array_gui's tlb to insensitive when histogram_gui is opened. That works in the first place, but seems quite unprofessional to me, and I haven't figured out yet how to make it sensitive again when histogram_gui is closed (I might find that out with some more trying).

Any ideas?

Thanks a lot,
Benjamin