
Subject: fsc_inputfield question re compound widgets
Posted by [markb77](#) on Sat, 22 Mar 2008 21:14:14 GMT
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Hi,

I'm writing a compound widget that makes use of David's FSC_Inputfield, which is itself a compound widget. I'm running into some problems with the event handling...

Here's what's going on. My compound widget (let's call it cw_parent) has its own event handler, cw_parent_event_handler. When I initialize the FSC_Inputfield I specify the cw_parent_event_handler in the EVENT_FUNC keyword of FSC_INPUTFIELD.

When I click on the FSC_inputfield widget in my cw_parent widget, it generates an event that gets handled by cw_parent_event_handler. So far so good. What cw_parent_event_handler does is return a different type of event .. let's say a cw_parent_event structure. What I expect to happen is for this event to bubble up the hierarchy to the next level, and be handled by the event handler for the program that created the cw_parent compound widget. Instead, what happens is that the event that was returned by cw_parent_event_handler gets sent back to cw_parent_event_handler again!

I think what's going on is that the initial event is generated by a call_method call in FSC_Inputfield_Event_Handler(). After this event is processed by the cw_parent_event_handler, it returns a cw_parent_event, which bubbles up the hierarchy and is caught by the event handler that is defined for the top level base of the FSC_Inputfield compound widget, which is again cw_parent_event_handler, and so the event gets sent back there again.

I know this must be very confusing to read -- I'll try to put some sort of example code together. My basic question is whether this is a bug in FSC_Inputfield or whether I'm simply using it the wrong way? The "event coming back twice" behaviour goes away if I remove the assignment of the event_func keyword during the creation of the top level base in the sourcecode of FSC_Inputfield, seemingly without breaking any of its functionality..?

thanks,
Mark Bates
