
Subject: Re: Update text widget

Posted by T.H. on Thu, 19 Feb 2009 20:32:06 GMT

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On Feb 19, 1:10 pm, titan <thunder...@inwind.it> wrote:

> Hi J.H.,

> excuse me if I was too cryptic in my previous message.

>

>

>

>> 1) I'm not sure where your events are supposed to be coming from.

>> Since all of your text widgets are unsensitive they can't produce any

>> events and you have no buttons to click, slider to mover , etc.

>

> What I want to do is to change the status of the text widget I create

> from SENSITIVE = 0 to SENSITIVE=1 after a series of calculus is

> performed. For example consider a simple for cycle

>

> FOR i = 0, 5000 DO BEGIN

> Print, i

> ENDFOR

>

> once this cycle is finished I would like to communicate it to the

> event handler and change the status of the corresponding row making it

> sensitive

> I hope now I was clearer than before

>

>> 2) In the event handler, you are using variables that you defined in

>> the my_widget_text but have not passed in any way to the event

>> handler. The event handler doesn't know what text_1 or text_1_msg

>> are. One common way to handle this type of issue is to create a

>> pointer to a structure that contains all of the information that your

>> event handler might need. Then set the uvalue of you top level base

>> to that pointer. I prefer to do this kind of stuff as an object.

>> This allows you to define the widgets as member data and have access

>> to all of them throughout the event handler.

>

> unfortunately I don't know much about pointer that's why I was trying

> to use the keyword GET_UVALUE but now I understand that it is

> incorrect :o(

I think that in this case you don't need an event handler but could simply change the sensitivity in the main code something like:

Build GUI just like you are doing now.

Perform Calculation step 1

WIDGET_CONTROL,text1,/sensitive

Perform Calculation step 2

WIDGET_CONTROL,text2,/sensitive

...

...

Or better yet consider using the a progressbar (such as the one readily available at David Fanning's website).

When I started with IDL someone handed me David Fanning's book. It saved me a lot of frustration.
