
Subject: widget_table bug?

Posted by [Ray Muzic](#) on Tue, 30 May 2000 07:00:00 GMT

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I'm having problems with widget_table. On a single character insertion (event.type = 0), I believe the event.offset is not always correct. Run the test procedure in the example code (below). It creates a widget_table in a widget_base. Whenever a widget_table event is generated, the program dumps (help,/struct) the event.

When you run it you'll notice the string 123 has been placed in the upper left cell. Double-click on this cell to put it into edit mode and move the insertion point to just after the 3. Press the 4 key. Observe that the event.offset value is 2 for the character insertion event (type=0). Shouldn't it be 3? Now, delete the 4 and move the insertion point to between the 2 and 3. Press the 4 key. Note the event.offset is 2. How the heck am I supposed to tell the difference between the user inserting a character at these two locations????

Particulars

```
IDL> print,!version
{ x86 Win32 Windows 5.2 Oct 30 1998
```

Am I missing something or is this a bug?

Ray
rfm2@po.cwru.edu

```
test,pro -----
pro dataEntry, event
```

```
print,'Event type: ',event.type
```

```
help,/struct,event
```

```
return
end
```

```
pro test
```

```
nr = 3
rl = strarr(nr)
for i=1,nr do begin
```

```
    rl(i-1) = string(i, format='(i4)')
endfor
cl = ['C1', 'C2', 'C3', 'C4', 'C5']
nc = n_elements(cl)

v=strarr(nc,nr)
v(0,0)='123'
device, GET_SCREEN_SIZE=scrsiz
b = widget_base(/column)
t = widget_table(b, $
    value = v, $
    xsize = n_elements(cl), ysize = nr, $
    x_scroll_size = 5, $
    y_scroll_size = 10, $
    column_labels = cl, $
    column_widths = [ 75, 100, 100, 100, 100], $
    row_labels = rl, $
    /editable, /all_events, event_pro='dataEntry')
```

```
widget_control, b, /realize
xmanager,'test', b
```

```
return
end
```

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