

User Interface - Bug #3071

Bug # 2677 (New): fix drawing and functional differences between P2J GUI and 4GL GUI

A NPE is thrown when Alt-Tab while COMBO-BOX drop down active

04/19/2016 11:45 AM - Hynek Cihlar

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Hynek Cihlar	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Cleanup and Stabilization for GUI	case_num:	
billable:	No		
vendor_id:	GCD		
Description			

History

#1 - 04/19/2016 11:50 AM - Hynek Cihlar

This can be reproduced in current trunk.

The steps:

1. Open COMBO-BOX drop down by clicking into the widget.
2. Press Alt-tab.
3. An NPE is thrown, see below for the call stack.

```
Thread [main] (Suspended (exception NullPointerException))
  ThinClient.invokeTriggers(Widget, Widget, long, int, boolean, Integer, Integer) line: 16770
  ThinClient.invokeTriggers(Widget, Widget, int, boolean) line: 16639
  ThinClient.processProgressEvent(Event) line: 16217
  FocusManager.focusChange(Widget, boolean, boolean) line: 1388
  ThinClient.nextTabStop(Widget) line: 18350
  ComboBoxGuiImpl(ComboBox<O>).processKeyEvent(KeyInput) line: 505
  ComboBoxGuiImpl.processKeyEvent(KeyInput) line: 494
  ComboBox$1.run() line: 1369
  ThinClient.eventBracket(boolean, Runnable) line: 14272
  ThinClient.eventDrawingBracket(Widget<?>, boolean, boolean, Runnable) line: 14213
  ThinClient.independentEventDrawingBracket(Widget, Runnable) line: 14086
  ComboBoxGuiImpl(ComboBox<O>).processSystemKey(KeyInput) line: 1364
  ComboBoxGuiImpl.processFocusMoveKey(KeyInput) line: 660
  ComboBoxGuiImpl.postprocessDropDown() line: 940
  ComboBoxGuiImpl(ComboBox<O>).activate() line: 1153
```

The cause seems to be in FocusManager. It must be made aware of the overlay windows when calculating the next focused widget on TAB.

#2 - 04/25/2016 05:02 PM - Greg Shah

- Start date deleted (04/19/2016)
- Parent task set to #2677

#3 - 05/19/2016 06:14 PM - Hynek Cihlar

Cannot reproduce anymore, resolved by [#3062](#).

#4 - 05/19/2016 06:15 PM - Hynek Cihlar

- % Done changed from 0 to 100

#5 - 05/19/2016 06:16 PM - Greg Shah

- Target version set to Milestone 16
- Status changed from New to Closed
- Assignee set to Hynek Cihlar

#6 - 11/16/2016 12:22 PM - Greg Shah

- Target version changed from Milestone 16 to Cleanup and Stabilization for GUI