

User Interface - Bug #2737

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

Editor abends on double click

09/27/2015 06:36 AM - Hynek Cihlar

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Constantin Asofiei	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	GUI Support for a Complex ADM2 App	case_num:	
billable:	No		
vendor_id:	GCD		
Description			

History

#1 - 09/27/2015 06:40 AM - Hynek Cihlar

To reproduce, position the cursor so that a double click doesn't result in a word selection, for example in between the first row and the top editor edge and double click. Below is the exception stack trace.

```
Caused by: java.lang.StringIndexOutOfBoundsException: String index out of range: -1
    at java.lang.String.charAt (String.java:646)
    at com.goldencode.p2j.ui.client.gui.EditorGuiImpl.mouseClicked(EditorGuiImpl.java:1036)
    at com.goldencode.p2j.ui.client.gui.EditorGuiImpl.mousePressed(EditorGuiImpl.java:794)
    at com.goldencode.p2j.ui.client.gui.driver.MouseHandler.applyMouseEvent (MouseHandler.java:314)
    at com.goldencode.p2j.ui.client.gui.driver.MouseHandler.handleMouseEvent (MouseHandler.java:237)
    at com.goldencode.p2j.ui.client.gui.driver.AbstractGuiDriver.handleMouseEvent (AbstractGuiDriver.java:2
046)
    at com.goldencode.p2j.ui.client.TopLevelWindow.processEvent (TopLevelWindow.java:358)
    at com.goldencode.p2j.ui.client.gui.WindowGuiImpl.processEvent (WindowGuiImpl.java:1249)
    at com.goldencode.p2j.ui.chui.ThinClient.processProgressEvent (ThinClient.java:14928)
    at com.goldencode.p2j.ui.chui.ThinClient.processEventsWorker (ThinClient.java:14540)
    at com.goldencode.p2j.ui.chui.ThinClient.pop (ThinClient.java:13624)
    at com.goldencode.p2j.ui.chui.ThinClient.eventBracket (ThinClient.java:13607)
    at com.goldencode.p2j.ui.chui.ThinClient.eventDrawingBracket (ThinClient.java:13533)
    at com.goldencode.p2j.ui.chui.ThinClient.applyWorker (ThinClient.java:13315)
    at com.goldencode.p2j.ui.chui.ThinClient.waitForWorker (ThinClient.java:10736)
    at com.goldencode.p2j.ui.chui.ThinClient.waitFor (ThinClient.java:10245)
    at com.goldencode.p2j.ui.chui.ThinClient.waitFor (ThinClient.java:10199)
```

#2 - 09/29/2015 09:52 AM - Constantin Asofiei

Hynek, do you have a 4GL testcases and a branch/revision where you see this? I'm having trouble recreating it.

#3 - 09/29/2015 10:43 AM - Hynek Cihlar

- File Editor abends.png added

Constantin Asofiei wrote:

Hynek, do you have a 4GL testcases and a branch/revision where you see this? I'm having trouble recreating it.

I can reproduce it with trunk rev 10940 on uast/demo/demo_widgets.p. See the attached screen shot, the cursor point to the location where to double click.

The call stack when the exception is raised:

```
Thread [main] (Suspended (exception StringIndexOutOfBoundsException))
  String.charAt(int) line: 646
  EditorGuiImpl.mouseClicked(MouseEvent) line: 1036
  EditorGuiImpl.mousePressed(MouseEvent) line: 794
  MouseHandler.applyMouseEvent(Widget<GuiOutputManager>, MouseEvent) line: 313
  MouseHandler.handleMouseEvent(int, MouseEvent) line: 236
  SwingGuiDriver(AbstractGuiDriver<F>).handleMouseEvent(int, MouseEvent) line: 2051
  WindowGuiImpl(TopLevelWindow<O>).processEvent(Event) line: 353
  WindowGuiImpl.processEvent(Event) line: 1229
  ThinClient.processProgressEvent(Event) line: 14862
  ThinClient.processEventsWorker() line: 14479
  ThinClient.pop() line: 13563
  ThinClient.eventBracket(boolean, Runnable) line: 13546
  ThinClient.eventDrawingBracket(Widget<?>, boolean, boolean, Runnable) line: 13472
  ThinClient.applyWorker(Event) line: 13254
  ThinClient.waitForWorker(EventList, int, int, ScreenBuffer, boolean, boolean, boolean, BlockingOperation)
line: 10712
  ThinClient.waitFor(EventList, int, int, ScreenBuffer, BlockingOperation, boolean) line: 10221
  ThinClient.waitFor(EventList, int, int, ScreenBuffer) line: 10175
  NativeMethodAccessorImpl.invoke0(Method, Object, Object[]) line: not available [native method]
  NativeMethodAccessorImpl.invoke(Object, Object[]) line: 62
  DelegatingMethodAccessorImpl.invoke(Object, Object[]) line: 43
  Method.invoke(Object, Object...) line: 497
  MethodInvoker.invoke(Object[]) line: 76
  Dispatcher.processInbound(InboundRequest, boolean, NetResource) line: 703
  Conversation.block() line: 319
  Conversation.waitForMessage(int) line: 257
  Queue.transactImpl(Message, int) line: 1128
  Queue.transact(Message, int) line: 585
  DirectSession(BaseSession).transact(Message, int) line: 223
  HighLevelObject.transact(RoutingKey, Object[]) line: 163
  RemoteObject$RemoteAccess.invokeCore(Object, Method, Object[]) line: 1425
  RemoteObject$RemoteAccess(InvocationStub).invoke(Object, Method, Object[]) line: 97
  $Proxy4.standardEntry(ClientParameters) line: not available
  ClientCore.start(BootstrapConfig, boolean, boolean) line: 277
  ClientCore.start(BootstrapConfig, boolean) line: 100
  ClientDriver.start(BootstrapConfig) line: 201
  ClientDriver(CommonDriver).process(String[]) line: 398
  ClientDriver.process(String[]) line: 1
  ClientDriver.main(String[]) line: 267
```

#4 - 09/29/2015 11:02 AM - Constantin Asofiei

OK, I've managed to duplicate it in rev 1811r, too.

#5 - 09/29/2015 01:35 PM - Greg Shah

- Parent task set to #2677
- Start date deleted (09/27/2015)

#6 - 09/29/2015 01:36 PM - Greg Shah

- Assignee set to Constantin Asofiei

#7 - 10/08/2015 03:18 PM - Constantin Asofiei

Fixed in [#1811](#) (1811r rev 10967)

#8 - 10/08/2015 03:40 PM - Greg Shah

- Target version set to Milestone 12
- Status changed from New to Closed

#9 - 11/10/2015 05:03 AM - Greg Shah

- % Done changed from 0 to 100

#10 - 11/16/2016 12:13 PM - Greg Shah

- Target version changed from Milestone 12 to GUI Support for a Complex ADM2 App

Files

Editor abends.png	6.68 KB	09/29/2015	Hynek Cihlar
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