

User Interface - Bug #2756

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

UPDATE statement in GUI dies on GO and leaves the restarted app in an unkillable/unresponsive state

10/12/2015 12:03 PM - Greg Shah

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Hynek Cihlar	% 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 - 10/12/2015 12:07 PM - Greg Shah

This can be recreated in the trunk revision 10945 or in task branch 2560a rev 10968. Run `simple_alert_box.p` and edit the TEXT (change it to any other text). Then press ENTER. The UPDATE will complete but then the client will abend with:

```
Oct 12, 2015 12:00:19 PM Dispatcher.processInbound()
SEVERE: {main} Unexpected throwable.
java.lang.reflect.InvocationTargetException
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:497)
    at com.goldencode.p2j.util.MethodInvoker.invoke(MethodInvoker.java:76)
    at com.goldencode.p2j.net.Dispatcher.processInbound(Dispatcher.java:705)
    at com.goldencode.p2j.net.Conversation.block(Conversation.java:319)
    at com.goldencode.p2j.net.Conversation.waitMessage(Conversation.java:257)
    at com.goldencode.p2j.net.Queue.transactImpl(Queue.java:1128)
    at com.goldencode.p2j.net.Queue.transact(Queue.java:585)
    at com.goldencode.p2j.net.BaseSession.transact(BaseSession.java:223)
    at com.goldencode.p2j.net.HighLevelObject.transact(HighLevelObject.java:163)
    at com.goldencode.p2j.net.RemoteObject$RemoteAccess.invokeCore(RemoteObject.java:1425)
    at com.goldencode.p2j.net.InvocationStub.invoke(InvocationStub.java:97)
    at com.sun.proxy.$Proxy4.standardEntry(Unknown Source)
    at com.goldencode.p2j.main.ClientCore.start(ClientCore.java:277)
    at com.goldencode.p2j.main.ClientCore.start(ClientCore.java:100)
    at com.goldencode.p2j.main.ClientDriver.start(ClientDriver.java:201)
    at com.goldencode.p2j.main.CommonDriver.process(CommonDriver.java:398)
    at com.goldencode.p2j.main.ClientDriver.process(ClientDriver.java:95)
    at com.goldencode.p2j.main.ClientDriver.main(ClientDriver.java:267)
Caused by: java.lang.NullPointerException
    at com.goldencode.p2j.ui.client.UiUtils.getData(UiUtils.java:806)
    at com.goldencode.p2j.ui.client.gui.AlertBoxGuiImpl.createIconWidget(AlertBoxGuiImpl.java:309)
    at com.goldencode.p2j.ui.client.gui.AlertBoxGuiImpl.init(AlertBoxGuiImpl.java:274)
    at com.goldencode.p2j.ui.client.gui.AlertBoxGuiImpl.show(AlertBoxGuiImpl.java:161)
    at com.goldencode.p2j.ui.client.widget.AbstractWidget.setVisible(AbstractWidget.java:1046)
    at com.goldencode.p2j.ui.chui.ThinClient$12.run(ThinClient.java:6705)
    at com.goldencode.p2j.ui.chui.ThinClient.eventBracket(ThinClient.java:13668)
    at com.goldencode.p2j.ui.chui.ThinClient.eventBracket(ThinClient.java:13641)
    at com.goldencode.p2j.ui.chui.ThinClient.messageBox(ThinClient.java:6697)
    ... 21 more

Exception in thread "AWT-EventQueue-0" java.lang.NullPointerException
    at com.goldencode.p2j.ui.client.gui.driver.swing.SwingMouseHandler.findMouseSource(SwingMouseHandler.java:264)
    at com.goldencode.p2j.ui.client.gui.driver.swing.SwingMouseHandler.processAction(SwingMouseHandler.java:297)
    at com.goldencode.p2j.ui.client.gui.driver.swing.SwingMouseHandler.processAction(SwingMouseHandler.java:279)
```

```
130) at com.goldencode.p2j.ui.client.gui.driver.swing.SwingMouseHandler.mouseExited(SwingMouseHandler.java:
at java.awt.Component.processMouseEvent(Component.java:6531)
at javax.swing.JComponent.processMouseEvent(JComponent.java:3324)
at java.awt.Component.processEvent(Component.java:6290)
at java.awt.Container.processEvent(Container.java:2234)
at java.awt.Component.dispatchEventImpl(Component.java:4881)
at java.awt.Container.dispatchEventImpl(Container.java:2292)
at java.awt.Component.dispatchEvent(Component.java:4703)
at java.awt.LightweightDispatcher.retargetMouseEvent(Container.java:4898)
at java.awt.LightweightDispatcher.retargetMouseEventEnterExit(Container.java:4678)
at java.awt.LightweightDispatcher.trackMouseEventEnterExit(Container.java:4665)
at java.awt.LightweightDispatcher.processMouseEvent(Container.java:4514)
at java.awt.LightweightDispatcher.dispatchEvent(Container.java:4462)
at java.awt.Container.dispatchEventImpl(Container.java:2278)
at java.awt.Window.dispatchEventImpl(Window.java:2750)
at java.awt.Component.dispatchEvent(Component.java:4703)
at java.awt.EventQueue.dispatchEventImpl(EventQueue.java:758)
at java.awt.EventQueue.access$500(EventQueue.java:97)
at java.awt.EventQueue$3.run(EventQueue.java:709)
at java.awt.EventQueue$3.run(EventQueue.java:703)
at java.security.AccessController.doPrivileged(Native Method)
at java.security.ProtectionDomain$1.doIntersectionPrivilege(ProtectionDomain.java:75)
at java.security.ProtectionDomain$1.doIntersectionPrivilege(ProtectionDomain.java:86)
at java.awt.EventQueue$4.run(EventQueue.java:731)
at java.awt.EventQueue$4.run(EventQueue.java:729)
at java.security.AccessController.doPrivileged(Native Method)
at java.security.ProtectionDomain$1.doIntersectionPrivilege(ProtectionDomain.java:75)
at java.awt.EventQueue.dispatchEvent(EventQueue.java:728)
at java.awt.EventDispatchThread.pumpOneEventForFilters(EventDispatchThread.java:201)
at java.awt.EventDispatchThread.pumpEventsForFilter(EventDispatchThread.java:116)
at java.awt.EventDispatchThread.pumpEventsForHierarchy(EventDispatchThread.java:105)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:101)
at java.awt.EventDispatchThread.pumpEvents(EventDispatchThread.java:93)
at java.awt.EventDispatchThread.run(EventDispatchThread.java:82)
```

After the client automatically restarts, it is unresponsive to any input (including ESC). It is also unkillable using CTRL-C in the command prompt where the client was started. You have to use something like kill -9 to stop the process.

#2 - 10/12/2015 12:35 PM - Hynek Cihlar

The rebase of 2560a with trunk/10945 broke a few things, this seems to be one of them. I will resolve the abend in [#2560](#).

#3 - 10/12/2015 12:36 PM - Greg Shah

I'll be happy to see the fix in [#2560](#), but please note this regression is in the trunk 10945 already.

#4 - 10/20/2015 08:16 AM - Greg Shah

- Assignee set to Eugenie Lyzenko

This problem still exists in both the trunk 10948 (after 2560a was merged) and in 1811s rev 10995 (after rebase from trunk 10948).

#5 - 10/20/2015 12:56 PM - Greg Shah

The failure now seems to occur in the alert-box button creation. This is the same as the latest problem in [#2729](#). Don't work on this right now, since Hynek is fixing that issue already.

#6 - 10/20/2015 12:56 PM - Greg Shah

- Assignee changed from Eugenie Lyzenko to Hynek Cihlar

#7 - 10/20/2015 04:23 PM - Greg Shah

- Status changed from New to Closed

Fixed by 1811s revision 11002.

#8 - 11/10/2015 05:06 AM - Greg Shah

- % Done changed from 0 to 100

#9 - 11/16/2016 12:12 PM - Greg Shah

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