

User Interface - Bug #4995

NPE in WindowManager.isDisplayed

11/04/2020 09:30 AM - Eric Faulhaber

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|------------------------|-----------------|------------------------|-----------|
| Status: | Closed | Start date: | |
| Priority: | Low | Due date: | |
| Assignee: | Eugenie Lyzenko | % Done: | 100% |
| Category: | | Estimated time: | 0.00 hour |
| Target version: | | case_num: | |
| billable: | No | | |
| vendor_id: | GCD | | |
| Description | | | |

History

#1 - 11/04/2020 09:33 AM - Eric Faulhaber

Recreate:

1. log into Hotel ChUI
2. Choose "R Rooms" menu option
3. (U)pdate from strip menu
4. down arrow to see drop down combo-box contents

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Caused by: java.lang.NullPointerException
    at com.goldencode.p2j.ui.client.WindowManager.isDisplayed(WindowManager.java:1141)
    at com.goldencode.p2j.ui.client.widget.TitledWindow.isDisplayed(TitledWindow.java:155)
    at com.goldencode.p2j.ui.client.widget.AbstractWidget.isDisplayed(AbstractWidget.java:567)
    at com.goldencode.p2j.ui.client.widget.AbstractWidget.repaint(AbstractWidget.java:1174)
    at com.goldencode.p2j.ui.client.widget.AbstractContainer.repaint(AbstractContainer.java:1067)
    at com.goldencode.p2j.ui.client.widget.AbstractContainer.setSize(AbstractContainer.java:1264)
    at com.goldencode.p2j.ui.client.ScrollPane.setSize(ScrollPane.java:364)
    at com.goldencode.p2j.ui.client.layout.BorderLayout.fillSpace(BorderLayout.java:183)
    at com.goldencode.p2j.ui.client.layout.BorderLayout.doLayout_aroundBody0(BorderLayout.java:141)
    at com.goldencode.p2j.ui.client.layout.BorderLayout.doLayout_aroundBody1$advice(BorderLayout.java:124)
    at com.goldencode.p2j.ui.client.layout.BorderLayout.doLayout(BorderLayout.java:1)
    at com.goldencode.p2j.ui.client.widget.AbstractContainer.doLayout_aroundBody0(AbstractContainer.java:4
55)
    at com.goldencode.p2j.ui.client.widget.AbstractContainer.doLayout_aroundBody1$advice(AbstractContainer
.java:164)
    at com.goldencode.p2j.ui.client.widget.AbstractContainer.doLayout(AbstractContainer.java:1)
    at com.goldencode.p2j.ui.client.DropDown.setHeightAndPos(DropDown.java:317)
    at com.goldencode.p2j.ui.client.DropDown.<init>(DropDown.java:147)
    at com.goldencode.p2j.ui.chui.DropDownImpl.<init>(DropDownImpl.java:85)
    at com.goldencode.p2j.ui.chui.ChuiWidgetFactory.createDropDown(ChuiWidgetFactory.java:248)
    at com.goldencode.p2j.ui.chui.ChuiWidgetFactory.createDropDown(ChuiWidgetFactory.java:124)
    at com.goldencode.p2j.ui.client.ComboBox.lambda$activate$0(ComboBox.java:1241)
    at com.goldencode.p2j.ui.chui.ThinClient.eventBracket(ThinClient.java:17178)
    at com.goldencode.p2j.ui.chui.ThinClient.eventDrawingBracket(ThinClient.java:17120)
    at com.goldencode.p2j.ui.chui.ThinClient.independentEventDrawingBracket(ThinClient.java:16982)
    at com.goldencode.p2j.ui.client.ComboBox.activate(ComboBox.java:1238)
    at com.goldencode.p2j.ui.client.ComboBox.processSystemKey(ComboBox.java:1576)
    at com.goldencode.p2j.ui.chui.ThinClient.checkForSystemEvent(ThinClient.java:16295)
    at com.goldencode.p2j.ui.chui.ThinClient.waitForEvent(ThinClient.java:16179)
    at com.goldencode.p2j.ui.chui.ThinClient.waitForWorker(ThinClient.java:13561)
    at com.goldencode.p2j.ui.chui.ThinClient.lambda$waitForWorker$61(ThinClient.java:13130)
    at com.goldencode.p2j.ui.chui.ThinClient.lambda$doInteractive$77(ThinClient.java:18156)
    at com.goldencode.p2j.ui.chui.ThinClient.doInteractive(ThinClient.java:18132)
    at com.goldencode.p2j.ui.chui.ThinClient.doInteractive(ThinClient.java:18156)
    at com.goldencode.p2j.ui.chui.ThinClient.waitForWorker(ThinClient.java:13129)
    at com.goldencode.p2j.ui.chui.ThinClient.waitFor(ThinClient.java:13072)
    at com.goldencode.p2j.ui.chui.ThinClient.promptFor(ThinClient.java:11795)
    ...
```

Tested with 3821c/11787. This probably is a recent regression.

#2 - 11/04/2020 10:31 AM - Eugenie Lyzenko

- % Done changed from 0 to 10

Recreated with terminal client. Debugging.

#3 - 11/04/2020 12:18 PM - Eugenie Lyzenko

- % Done changed from 10 to 90

- Status changed from New to WIP

This was really regression from recent RoaringBitmap usage optimization. In ChUI it is not expected for drop-down to have widget ID. So need to fall back to legacy approach as last resort if window has no ID.

The issue has been fixed in 3821c rev 11791. Please update FWD and confirm whether the issue is fixed or not.

#4 - 11/04/2020 12:57 PM - Eric Faulhaber

- % Done changed from 90 to 100

- Status changed from WIP to Review

I confirm the issue is resolved with 3821c/11791.

Constantin, since you recently have changed the code in this area, would you please review? The change is small.

#5 - 11/04/2020 02:48 PM - Constantin Asofiei

I'm OK with the 3821c/11791 changes.

#6 - 11/04/2020 03:41 PM - Greg Shah

- Status changed from Review to Closed