

## User Interface - Bug #3532

### Failed to instantiate menu definition class

03/22/2018 01:14 AM - Sergey Ivanovskiy

|                        |              |                        |           |
|------------------------|--------------|------------------------|-----------|
| <b>Status:</b>         | Closed       | <b>Start date:</b>     |           |
| <b>Priority:</b>       | Normal       | <b>Due date:</b>       |           |
| <b>Assignee:</b>       | Hynek Cihlar | <b>% Done:</b>         | 100%      |
| <b>Category:</b>       |              | <b>Estimated time:</b> | 0.00 hour |
| <b>Target version:</b> |              | <b>case_num:</b>       |           |
| <b>billable:</b>       | No           |                        |           |
| <b>vendor_id:</b>      | GCD          |                        |           |
| <b>Description</b>     |              |                        |           |

### History

#### #1 - 03/22/2018 01:18 AM - Sergey Ivanovskiy

- File test-menu-focus-movements.p added

This issue can be reproduced with demo/test-menu-focus-movements.p. The server throws these exceptions

```
java.lang.RuntimeException: Failed to instantiate menu definition class
    at com.goldencode.p2j.ui.MenuWidget.createStaticMenu(MenuWidget.java:280)
    at com.goldencode.testcases.demo.TestMenuFocusMovements.<init>(TestMenuFocusMovements.java:30)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:62)
    at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
)
    at java.lang.reflect.Constructor.newInstance(Constructor.java:423)
    at java.lang.Class.newInstance(Class.java:442)
    at com.goldencode.p2j.util.Utils.invoke(Utils.java:1326)
    at com.goldencode.p2j.main.StandardServer$MainInvoker.execute(StandardServer.java:1981)
    at com.goldencode.p2j.main.StandardServer.invoke(StandardServer.java:1476)
    at com.goldencode.p2j.main.StandardServer.standardEntry(StandardServer.java:525)
    at sun.reflect.NativeMethodAccessorImpl.invoke0(Native Method)
    at sun.reflect.NativeMethodAccessorImpl.invoke(NativeMethodAccessorImpl.java:62)
    at sun.reflect.DelegatingMethodAccessorImpl.invoke(DelegatingMethodAccessorImpl.java:43)
    at java.lang.reflect.Method.invoke(Method.java:498)
    at com.goldencode.p2j.util.MethodInvoker.invoke(MethodInvoker.java:124)
    at com.goldencode.p2j.net.Dispatcher.processInbound(Dispatcher.java:757)
    at com.goldencode.p2j.net.Conversation.block(Conversation.java:412)
    at com.goldencode.p2j.net.Conversation.run(Conversation.java:232)
    at java.lang.Thread.run(Thread.java:748)
Caused by: java.lang.reflect.InvocationTargetException
    at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:62)
    at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
)
    at java.lang.reflect.Constructor.newInstance(Constructor.java:423)
    at com.goldencode.p2j.ui.MenuWidget.createStaticMenu(MenuWidget.java:265)
    at com.goldencode.testcases.demo.TestMenuFocusMovements.<init>(TestMenuFocusMovements.java:30)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance0(Native Method)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance(NativeConstructorAccessorImpl.java:62)
    at sun.reflect.DelegatingConstructorAccessorImpl.newInstance(DelegatingConstructorAccessorImpl.java:45)
)
    at java.lang.reflect.Constructor.newInstance(Constructor.java:423)
    at java.lang.Class.newInstance(Class.java:442)
    at com.goldencode.p2j.util.Utils.invoke(Utils.java:1326)
    at com.goldencode.p2j.main.StandardServer$MainInvoker.execute(StandardServer.java:1981)
    at com.goldencode.p2j.main.StandardServer.invoke(StandardServer.java:1476)
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    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:498)
    at com.goldencode.p2j.util.MethodInvoker.invoke (MethodInvoker.java:124)
    at com.goldencode.p2j.net.Dispatcher.processInbound (Dispatcher.java:757)
    at com.goldencode.p2j.net.Conversation.block (Conversation.java:412)
    at com.goldencode.p2j.net.Conversation.run (Conversation.java:232)
    at java.lang.Thread.run (Thread.java:748)
Caused by: java.lang.ClassCastException: com.goldencode.p2j.ui.SubMenuConfig cannot be cast to com.goldencode.p2j.ui.MenuConfig
    at com.goldencode.p2j.ui.MenuContainerWidget.isAttachedMenu (MenuContainerWidget.java:155)
    at com.goldencode.p2j.ui.MenuContainerWidget.pushWidgetAttr (MenuContainerWidget.java:426)
    at com.goldencode.p2j.ui.SubMenuWidget.setLabel (SubMenuWidget.java:148)
    at com.goldencode.p2j.ui.SubMenuDefinition.setLabel (SubMenuDefinition.java:131)
    at com.goldencode.testcases.ui.demo.TestMenuFocusMovementsSubMenuItemSubMenuItem.setup (TestMenuFocusMovementsSubMenuItemSubMenuItem.java:22)
    at com.goldencode.testcases.ui.demo.TestMenuFocusMovementsSubMenuItemSubMenuItem.setup (TestMenuFocusMovementsSubMenuItemSubMenuItem.java:5)
    at com.goldencode.p2j.ui.SubMenuWidget.createStaticSubMenu (SubMenuWidget.java:249)
    at com.goldencode.testcases.ui.demo.TestMenuFocusMovementsMbarMenu.<init> (TestMenuFocusMovementsMbarMenu.java:8)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance0 (Native Method)
    at sun.reflect.NativeConstructorAccessorImpl.newInstance (NativeConstructorAccessorImpl.java:62)
    at sun.reflect.DelegatingConstructorAccessorImpl.newInstance (DelegatingConstructorAccessorImpl.java:45)
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    at com.goldencode.p2j.net.Conversation.block (Conversation.java:412)
    at com.goldencode.p2j.net.Conversation.run (Conversation.java:232)
    at java.lang.Thread.run (Thread.java:748)

```

Please look at #3448-42 for its origin.

**#3 - 04/24/2018 03:10 AM - Hynek Cihlar**

The issue was resolved in 3487a, the branch was merged to trunk in revision 11259.

**#4 - 04/24/2018 03:10 AM - Hynek Cihlar**

- % Done changed from 0 to 100

**#5 - 04/24/2018 06:56 AM - Greg Shah**

- Start date deleted (03/22/2018)

- Status changed from New to Closed

- Assignee set to Hynek Cihlar

**Files**

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|                             |         |            |                   |
|-----------------------------|---------|------------|-------------------|
| test-menu-focus-movements.p | 1.01 KB | 03/22/2018 | Sergey Ivanovskiy |
|-----------------------------|---------|------------|-------------------|