

## User Interface - Bug #3487

### Sub-menu graphical issues

02/23/2018 05:52 PM - Stanislav Lomany

<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 - 02/23/2018 05:58 PM - Stanislav Lomany

1. In swing, when an item is selected, but has no mouse over it, the text is not properly highlighted (so the item has black text on the dark blue background). Also, there may be an issue with swing when the first item of a sub-menu is selected by default while it shouldn't (customer's server is down, so I cannot check if it is an actual issue).
2. When an item in sub-menu is clicked, parent menu is not closed.

#### Testcase:

```
def var mnu as handle.  
def var item1 as handle.  
def var item2 as handle.  
def var sm as handle.
```

```
CREATE MENU mnu  
  ASSIGN  
    POPUP-ONLY = TRUE  
    TITLE      = 'Browser Menu'.
```

```
CREATE MENU-ITEM item1  
  ASSIGN  
    PARENT = mnu  
    LABEL  = "item1"  
    NAME   = "item1".
```

```
CREATE sub-menu sm  
  ASSIGN  
    PARENT = mnu  
    LABEL  = "submenu"  
    NAME   = "submenu".
```

```
CREATE MENU-ITEM item2  
  ASSIGN  
    PARENT = sm  
    LABEL  = "item2"  
    NAME   = "item2".
```

```
def var s as char.  
form s with frame f1.  
s:popup-menu = mnu.  
update s with frame f1.
```

Right-click on the input field to show the popup menu.

**#2 - 02/24/2018 08:53 AM - Greg Shah**

- Assignee set to Hynek Cihlar
- Start date deleted (02/23/2018)

**#3 - 04/12/2018 06:56 AM - Hynek Cihlar**

Created task branch 3487a.

**#4 - 04/18/2018 02:53 PM - Hynek Cihlar**

Checked in revision 11247 to 3487a.

This resolves all the issues mentioned in this issue plus:

- popup menu not shown after popup overlay window lost focus
- popup menu was not properly processing key events after opened (focus issues)
- highlight state was not reset between popup invocations
- multiple abends and unexpected exceptions
- prevented abend caused by Fill-in widget selection logic
- prevented abend during menu setup when static sub-menu didn't have a parent menu

The code changes still require code cleanup and extensive regression testing, so far I ran only some limited number of trivial test cases.

**#5 - 04/19/2018 05:05 AM - Hynek Cihlar**

3487a rebased against trunk 11248.

**#6 - 04/20/2018 08:53 AM - Hynek Cihlar**

3487a rebased against trunk 11249.

**#7 - 04/20/2018 08:56 AM - Hynek Cihlar**

3487a revision 11256 fixes this issue plus #3462, [#3508](#), [#3532](#).

Regression testing is in progress. Please review.

**#8 - 04/20/2018 12:49 PM - Greg Shah**

Code Review Task Branch 3487a Revision 11256

These changes are really good. I see no functional issues.

One minor code standard thing, protected Menu<O> showPopupMenu(MouseEvent e) should be moved below the public methods in AbstractWidget.

**#9 - 04/22/2018 06:19 PM - Hynek Cihlar**

3487a revision 11258 resolves the points from the last review. It passed GUI regression tests (a large customer's GUI app, Hotel GUI, some of the menu test cases in uast, in both Swing and Web GUI). ChUI regression testing is in progress.

I found two more minor issues (both exist in trunk):

- (1) Sometime when menu bar is navigated by mouse, an empty submenu body is displayed.
- (2) In the large customer's GUI app one of the popup menu shows empty selectable menu item instead of a menu separator.

**#10 - 04/23/2018 07:04 AM - Hynek Cihlar**

While regression testing 3487a I see client abends which prevent me to run all the required cases. These errors already exist in trunk. Greg, should I resolve these issues in a separate task branch?

**#11 - 04/23/2018 07:29 AM - Greg Shah**

The existing revision of 3487a is a significant improvement over trunk, right? Unless there are regressions, I would prefer to put it into trunk and work the remaining issues in another branch.

**#12 - 04/23/2018 09:57 AM - Greg Shah**

Code Review Task branch 3487a Revision 11258

I'm good with the changes.

**#13 - 04/23/2018 11:44 AM - Hynek Cihlar**

ChUI regression test harness finished with some failures which are most likely negative failures. I restarted the tests.

**#14 - 04/23/2018 11:44 AM - Hynek Cihlar**

Greg Shah wrote:

The existing revision of 3487a is a significant improvement over trunk, right?

Yes, it fixes some serious issues.

**#15 - 04/23/2018 12:48 PM - Greg Shah**

When it passes testing, merge to trunk.

**#16 - 04/24/2018 02:36 AM - Hynek Cihlar**

3487a passed ChUI test harness. I am merging to trunk.

**#17 - 04/24/2018 03:07 AM - Hynek Cihlar**

3487a rebased and merged to trunk as revision 11251. The branch was archived.

**#18 - 04/25/2018 04:23 AM - Hynek Cihlar**

The ChUI menu regressions are more serious than I thought. I created new issue [#3553](#) and checked in my WIP changes there.

Also I checked in a simple NPE fix to 3487b. Please review this change. No regression testing for the branch is needed. There are no more changes expected for this issue.

**#19 - 04/25/2018 05:19 AM - Greg Shah**

Code Review Task Branch 3487b Revision 11252

I'm fine with the change.

Are you proposing to merge this to trunk now? Or do you plan to include the changes for [#3538](#)?

**#20 - 04/25/2018 05:23 AM - Hynek Cihlar**

Greg Shah wrote:

Are you proposing to merge this to trunk now? Or do you plan to include the changes for [#3538](#)?

Yes, it can be included with the changes for [#3538](#).

**#21 - 04/25/2018 06:30 AM - Hynek Cihlar**

Merged the only change in 3487b to 3553a.

Correction, merged the change in 3487b to 3538a.

**#22 - 04/25/2018 06:30 AM - Hynek Cihlar**

- % Done changed from 0 to 100

**#23 - 04/25/2018 06:34 AM - Hynek Cihlar**

3487b dead-archived.

**#24 - 05/16/2018 08:10 AM - Hynek Cihlar**

The issue was resolved in 3538c, which was merged to trunk as revision 11255.

**#25 - 05/16/2018 08:10 AM - Greg Shah**

- Status changed from New to Closed