

## User Interface - Bug #2912

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

### alert-box is displayed on the task bar in Web GUI client, it shouldn't

12/03/2015 05:59 PM - Hynek Cihlar

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

### History

#### #1 - 12/04/2015 08:25 AM - Greg Shah

This only happens in the web client?

#### #2 - 12/04/2015 01:16 PM - Hynek Cihlar

Yes, this only happens in Web GUI.

#### #3 - 12/08/2015 01:27 PM - Greg Shah

- Start date deleted (12/03/2015)

- Assignee set to Sergey Ivanovskiy

- Target version set to Milestone 12

- Subject changed from *Alert-box is displayed on the task bar in Web GUI client, it shouldn't* to *alert-box is displayed on the task bar in Web GUI client, it shouldn't*

#### #4 - 12/09/2015 09:07 AM - Sergey Ivanovskiy

Hynek, please log here what is a target program to reproduce this bug. For the JS client we can't distinguish modal windows from any other child window. A task icon is created for a window and is displayed if its window becomes visible.

#### #5 - 12/09/2015 09:26 AM - Hynek Cihlar

Sergey Ivanovskiy wrote:

Hynek, please log here what is a target program to reproduce this bug. For the JS client we can't distinguish modal windows from any other child window. A task icon is created for a window and is displayed if its window becomes visible.

Try `simpler_alert_box.p` for example. I guess we will have to extend the window info passed to JS client so it can identify modal windows.

#### #6 - 12/09/2015 12:26 PM - Sergey Ivanovskiy

Try `simpler_alert_box.p` for example. I guess we will have to extend the window info passed to JS client so it can identify modal windows.

I will try it but it needs global changes for `GuiOutputManager` to add `void realizeModalWindow(int ownerId, int windowId, String windowTitle)` and for `GuiDriver` to add `void registerModalWindow(ownerId, windowId, windowTitle)` because of this code from `ModalWindow.realize()`

```
screen().realizeChildWindow(ownerId, id.asInt(), title()); // we can't identify that this window is modal.  
1.  
realized = true;  
WindowManager.addWindow(this); // only after this code we can identify modal windows inside the web driver
```

#### #7 - 12/09/2015 12:34 PM - Sergey Ivanovskiy

No, there is the other way to use `GuiDriver.setWindowVisible(true)`, because at that point we can identify the window is a modal one using `WindowManager.findWindow(int windowId)`.

#### #8 - 12/09/2015 12:42 PM - Hynek Cihlar

Sergey Ivanovskiy wrote:

Try `simpler_alert_box.p` for example. I guess we will have to extend the window info passed to JS client so it can identify modal windows.

I will try it but it needs global changes for `GuiOutputManager` to add `void realizeModalWindow(int ownerId, int windowId, String windowTitle)` and for `GuiDriver` to add `void registerModalWindow(ownerId, windowId, windowTitle)` because of this code from `ModalWindow.realize()`  
[...]

`realizeChildWindow()` returns a child top-level window. Although there isn't a formal javadoc that would define what is a child-window (I will add it), you can assume that a child window is never shown on the "task bar". So the real key is not modality but the fact whether a window is a main or child window. Note that currently any modal window is also a child window, but not in reverse - child window doesn't have to be necessary modal.

**#9 - 12/09/2015 01:06 PM - Sergey Ivanovskiy**

Hynek Cihlar wrote:

realizeChildWindow() returns a child top-level window. Although there isn't a formal javadoc that would define what is a child-window (I will add it), you can assume that a child window is never shown on the "task bar". So the real key is not modality but the fact whether a window is a main or child window. Note that currently any modal window is also a child window, but not in reverse - child window doesn't have to be necessary modal.

You are right, it is a more simple solution and it doesn't require to change the web data protocol, since GuiDriver.registerChildWindow(int ownerId, int windowId, String windowTitle) is used only by ModalWindow.

**#10 - 12/09/2015 02:48 PM - Sergey Ivanovskiy**

- File 10961.txt added

Greg, please review the committed rev 10961.

**#11 - 12/12/2015 07:04 AM - Greg Shah**

Code Review Task Branch 1811t Revision 10961

I'm fine with the changes.

Constantin: please review.

**#12 - 12/14/2015 02:28 AM - Constantin Asofiei**

Greg Shah wrote:

Code Review Task Branch 1811t Revision 10961

I'm fine with the changes.

Constantin: please review.

The changes look OK.

**#13 - 12/14/2015 08:49 AM - Greg Shah**

- % Done changed from 0 to 100
- Status changed from New to Closed

**#14 - 11/16/2016 12:12 PM - Greg Shah**

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

**Files**

---

10961.txt	3.88 KB	12/09/2015	Sergey Ivanovskiy
-----------	---------	------------	-------------------