

## User Interface - Bug #3335

### buggy no-validate in browse widget

09/19/2017 10:08 AM - Ovidiu Maxiniuc

<b>Status:</b>	Closed	<b>Start date:</b>	
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Stanislav Lomany	<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>version:</b>	
<b>vendor_id:</b>	GCD		
<b>Description</b>			
<b>Related issues:</b>			
Related to User Interface - Feature #3275: improve browse support			<b>Closed</b>

### History

#### #1 - 09/19/2017 10:10 AM - Ovidiu Maxiniuc

I was testing #3330 with a large customer GUI application and I got an message that was not expected according to docs. It says:

```
"NO-VALIDATE is an invalid attribute for a static BROWSE brTable"
```

I checked the source and it looks like this:

```
DEFINE BROWSE br_table  
    WITH NO-ASSIGN NO-ROW-MARKERS SEPARATORS NO-VALIDATE SIZE 66 BY 6.65  
    FONT 9 EXPANDABLE.
```

And this is valid code. The error is incorrectly raised by BrowseWidget.java, in setNoValidate(boolean), line 1051. This is evidently a double copy/paste error, the handling of error handling was copied from setNoValidate(logical), but what is the error message and what is the proper condition here? Also, the message should contain the legacy widget name (br\_table), not the javaname (brTable).

Since this is in trunk for some time, I think it will not be fixed in 3330a.

#### #2 - 09/19/2017 03:23 PM - Stanislav Lomany

- Status changed from New to WIP

- Assignee set to Stanislav Lomany

Greg, setNoValidate should behave differently depending if it is a frame construction stage (NO-VALIDATE option) or assignment of NO-VALIDATE attribute. I suggest to convert NO-VALIDATE option to function named setNoValidateOption() instead. Is it OK?

**#3 - 09/19/2017 03:36 PM - Greg Shah**

Stanislav Lomany wrote:

Greg, setNoValidate should behave differently depending if it is a frame construction stage (NO-VALIDATE option) or assignment of NO-VALIDATE attribute. I suggest to convert NO-VALIDATE option to function named setNoValidateOption() instead. Is it OK?

Yes, it is OK. Please note that 3330a is frozen right now. The change should go into a different branch.

**#4 - 09/19/2017 03:36 PM - Greg Shah**

- Related to Feature #3275: improve browse support added

**#6 - 09/20/2017 04:05 PM - Stanislav Lomany**

Also, the message should contain the legacy widget name (br\_table), not the javaname (brTable).

Error message uses GenericWidget.widgetName() which is "widget name for the error message" and used by all widgets. It's strange that this error was noted only now. The correct name is, as far as I tested

```
protected String widgetName()
{
    character name = name();
    return dynamic && name.isUnknown() ? "widget" : name.toStringMessage();
}
```

Any objections?

**#7 - 09/20/2017 05:12 PM - Greg Shah**

The current implementation of `GenericWidget.widgetName()` is using `GenericFrame.getName(GenericWidget<?> widget)` to obtain the name. That code uses the converted name, not the legacy (or original) name. That does seem wrong.

On the other hand, there are some use cases (frame, field-group and "Unknown") which is different from the use of `GenericWidget.name()` and may be needed. I'm not sure about these cases.

Also, `BrowseWidget.finishSetup()` sets `config.name` using `GenericWidget.widgetName()`, so that is not clear either.

Constantin: What do you think?

## #8 - 09/20/2017 05:15 PM - Constantin Asofiei

Greg Shah wrote:

Constantin: What do you think?

I have this code in 3260b which I think it should fix the issue:

```
### Eclipse Workspace Patch 1.0
#P p2j
Index: src/com/goldencode/p2j/ui/GenericFrame.java
=====
--- src/com/goldencode/p2j/ui/GenericFrame.java      (revision 1249)
+++ src/com/goldencode/p2j/ui/GenericFrame.java      (working copy)
@@ -812,6 +812,7 @@
 **                                     and it breaks down frames after the improvements for down frame
 **                                     configs.
 ** 344 EVL 20170530                     Adding DROP-TARGET frame option support.
+** 345 CA 20170914                     Fixed getOriginalName() for frame widgets.
 */
 /*
 ** This program is free software: you can redistribute it and/or modify
@@ -7742,7 +7743,18 @@
 */
 public String getOriginalName(GenericWidget<?> widget)
 {
-    return n2n.get(getName(widget));
+    String cvtName = getName(widget);
+    if (n2n.containsKey(cvtName))
+    {
+        return n2n.get(cvtName);
+    }
+    if (widget instanceof FrameWidget)
+    {
+        return ((FrameWidget) widget).getFrame().frameName;
+    }
+    return null;
 }
 /**
```

Stanislav: can you test the patch above?

**#9 - 09/20/2017 05:18 PM - Constantin Asofiei**

Actually, sorry, that was only for FRAME:NAME.

Stanislav/Ovidiu: is the converted code for the frame definition (the addWidget call) using br\_table or brTable as second parameter?

**#10 - 09/20/2017 05:24 PM - Stanislav Lomany**

Constantin,

```
addWidget("brTable", "br_table", brTable);
```

**#11 - 09/20/2017 05:37 PM - Constantin Asofiei**

Looks like the BROWSE:NAME attribute is reported properly. Stanislav, I think the issues are:

1. as you mentioned in [#3335-6](#), we need to use name() API to retrieve the legacy name, in widgetName()
2. there are many calls for frame.getName(this) in error messages, throughout the server-side widget classes - please fix these too. Also, replace all getOriginalName(this) calls in error messages with widgetName(), too.

**#12 - 09/21/2017 05:36 AM - Stanislav Lomany**

Constantin, frame.getName(this) cannot be replaced with widgetName() for usages inside FrameWidget, because the first function returns GenericFrame.frameName which keeps the legacy name for the frame. Leave it as is?

**#13 - 09/21/2017 07:08 AM - Constantin Asofiei**

Stanislav Lomany wrote:

Constantin, frame.getName(this) cannot be replaced with widgetName() for usages inside FrameWidget, because the first function returns GenericFrame.frameName which keeps the legacy name for the frame. Leave it as is?

Not even if you use the patch in note 8?

**#14 - 09/21/2017 08:05 AM - Stanislav Lomany**

Sorry, patch fixes the problem.

**#15 - 11/03/2017 10:25 AM - Stanislav Lomany**

- Status changed from WIP to Review

Fixed as part of [#3275](#)

**#16 - 11/03/2017 11:06 AM - Greg Shah**

- *Status changed from Review to Closed*

- *% Done changed from 0 to 100*

These changes are included in trunk rev 11185.