

User Interface - Bug #3021

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

MESSAGE with SET clause works incorrectly

03/09/2016 07:28 AM - Igor Skornyakov

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Hynek Cihlar	% Done:	100%
Category:		Estimated time:	0.00 hour
Target version:	Cleanup and Stabilization for GUI	case_num:	
billable:	No		
vendor_id:	GCD		
Description			

History

#1 - 03/09/2016 07:31 AM - Igor Skornyakov

- File aab1.p added

With Progress the attached program displays empty string and accepts ENTER while converted version displays "?" and I was unable to close the dialog at all in GUI mode (both Swing and Web).
In ChUI mode the "?" still appears but the application reacts correctly on ENTER.

#2 - 04/18/2016 06:25 AM - Hynek Cihlar

The problem with entering the value was resolved by [#3061](#).

#3 - 04/18/2016 06:46 AM - Hynek Cihlar

Please review the fix in 3021a revision 11005.

#4 - 04/18/2016 10:54 AM - Greg Shah

Code Review Task Branch 3021a Revision 11005

I believe this change is incorrect. The problem has a different cause. I think the issue is related to us not honoring the difference between UPDATE and SET. In UPDATE mode, the ? will appear:

```
def var txt as char init ?.
message "Edit unknown:" update txt.
```

Result is this:

```
Edit unknown: ?
```

```
Enter data or press F4 to end.
```

But in SET mode it does not appear:

```
def var txt as char init ?.
message "Edit unknown:" set txt.
```

Result:

```
Edit unknown:
```

```
Enter data or press F4 to end.
```

The reason is that in UPDATE mode there is an implicit DISPLAY which copies from the original variable/field TO the screen buffer. In SET mode, this part does not happen. So the hidden screen buffer should have the default value for the given type.

I suspect the correct code is this:

```
// copy initial value in UPDATE mode; unknown value can also be used as initial except for date
// based variables
if (!set && !(var.isUnknown() && var instanceof date))
{
    sb.putWidgetValue(id1, var.duplicate());
}
```

#5 - 04/20/2016 12:59 PM - Greg Shah

- Assignee set to Hynek Cihlar

- Status changed from New to WIP

#6 - 04/20/2016 04:24 PM - Hynek Cihlar

3021a revision 11006 contains fix of the fix based on the review. I have tested SET and UPDATE with all data types and both ChUI and GUI and the proposed change works OK.

I will rebase the branch when it is ready to be merged or regression tested. Please review.

#7 - 04/20/2016 04:33 PM - Greg Shah

Code Review Task Branch 3021a Revision 11006

I'm fine with the changes.

#8 - 04/22/2016 09:53 AM - Greg Shah

Please merge 3021a into 1811u.

#9 - 04/22/2016 03:58 PM - Hynek Cihlar

3021a merged to 1811u revision 11027.

#10 - 04/22/2016 03:59 PM - Hynek Cihlar

- % Done changed from 0 to 100

#11 - 04/22/2016 04:08 PM - Greg Shah

- Status changed from WIP to Closed

- Target version set to Milestone 16

- Start date deleted (03/09/2016)

#12 - 04/22/2016 04:18 PM - Hynek Cihlar

3021a archived as dead.

#13 - 11/16/2016 12:22 PM - Greg Shah

- Target version changed from Milestone 16 to Cleanup and Stabilization for GUI

Files

aab1.p	174 Bytes	03/09/2016	Igor Skornyakov
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