

User Interface - Bug #5245

BrowseColumnWidget.getScreenValue(): incorrect handling of an unknown value

04/06/2021 11:20 AM - Vladimir Tsichevski

Status:	Review	Start date:	
Priority:	Normal	Due date:	
Assignee:	Stanislav Lomany	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:			
billable:	No	case_num:	
vendor_id:	GCD	version:	
Description			

History

#1 - 04/06/2021 11:24 AM - Vladimir Tsichevski

The BrowseColumnWidget.getScreenValue() convert an unknown character value to an empty string.

This code:

```
DEF TEMP-TABLE tt FIELD f1 AS CHARACTER FORMAT "x(32)".
CREATE tt.

OPEN QUERY q FOR EACH tt.

DEFINE BROWSE brws
  QUERY q DISPLAY tt.f1
  ENABLE ALL
  WITH TITLE "Browse"
  SIZE 70 BY 7.

DEF FRAME fr brws WITH TITLE "Frame" SIZE 70 BY 15 NO-LABELS.
ENABLE ALL WITH FRAME fr.

brws:SELECT-ROW(1).
tt.f1:SCREEN-VALUE IN BROWSE brws = ?.
MESSAGE f1:SCREEN-VALUE IN BROWSE brws.

WAIT-FOR CLOSE OF THIS-PROCEDURE.
```

Displays '?' in OE, and " in FWD.

The method defined as:

```
public character getScreenValue()
{
  character val = super.getScreenValue();

  if (val.isUnknown() && !config().inEditMode)
  {
    val = new character("");
  }

  return val;
}
```

## #2 - 04/06/2021 11:26 AM - Greg Shah

- Assignee set to *Stanislav Lomany*

## #3 - 04/09/2021 02:50 PM - Stanislav Lomany

- Status changed from *New* to *WIP*

Sergey, if you remember the specific case why this was added in `BrowseColumnWidget`, please let me know. I get "?" in this case.

```
public character getScreenValue()
{
    character val = super.getScreenValue();

    if (val.isUnknown() && !config().inEditMode) <---
    { <---
        val = new character(""); <---
    } <---

    return val;
}
```

## #4 - 04/09/2021 04:05 PM - Sergey Ivanovskiy

It seems that it was related to the customer's project testcases 1 and 2, when all data after successful input are cleared. It needs to find the corresponding task number from the customer's project.

## #5 - 04/09/2021 04:28 PM - Sergey Ivanovskiy

I found the similar thread #3911-51 and below. #3911-27

## #6 - 04/22/2021 12:58 PM - Stanislav Lomany

Sergey, do you have the customer's app from #3911 available on your machine? Unfortunately the latest version of it is broken and I cannot test the scenarios from #3911.

I need to commit the fix, but it turns out that I cannot test it for regressions. Any ideas are welcome.

## #7 - 04/23/2021 03:10 PM - Sergey Ivanovskiy

Stanislav, I don't have a standalone testcase for this #3911 issue. The previous version of this application didn't start with the current 3821c.

## #8 - 04/24/2021 06:14 PM - Stanislav Lomany

- File *col-screen-val-ed.p* added

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- Status changed from *WIP* to *Review*

Fixed in 3821c rev 12327.

#9 - 04/24/2021 06:15 PM - Stanislav Lomany

For future reference: there's a chance that this fix may regress the customer's scenarios from #3911.

Files

col-screen-val-ed.p	1.06 KB	04/24/2021	Stanislav Lomany
col-screen-val.p	1.07 KB	04/24/2021	Stanislav Lomany