

User Interface - Bug #2491

SCREEN-VALUE returns a formatted value based on the widget's format string

01/15/2015 09:15 PM - Greg Shah

Status:	Closed	Start date:	
Priority:	Normal	Due date:	
Assignee:	Greg Shah	% Done:	0%
Category:		Estimated time:	0.00 hour
Target version:	GUI Support for a Complex ADM2 App	case_num:	
billable:	No	version:	
vendor_id:	GCD		
Description			

History

#1 - 01/15/2015 09:20 PM - Greg Shah

- File *ges\_upd20150115a.zip* added

It turns out that our SCREEN-VALUE implementation was nearly completely broken. MAJIC only uses a small number of cases and we had patched the old implementation enough to get it working. But the case of honoring widget format strings in screen-value output was badly broken.

Please see *testcases/uast/screen\_value/screen\_value\_\*.is\_formatted.p* for examples. With the attached update, all cases work except for 1 pretty extreme and rare quirk (see the note after case 3 in *screen\_value\_with\_at\_base\_field.p*).

This also contains a fix for date display format parsing, which was needed to execute the date related testcase. This removes a severe parsing limitation that was previously there.

Constantin: please review this. I'll start regression testing shortly.

#2 - 01/16/2015 01:58 AM - Constantin Asofiei

Greg, I recall that SCREEN-VALUE was problematic in the widget validation expressions, too. It can be postponed if this is not needed for current work, but it's worth a check.

Otherwise, I'm OK with the update.

#3 - 01/17/2015 06:18 AM - Greg Shah

- File *ges\_upd20150116a.zip* added

- Status changed from New to WIP

The DateFormat class needed more changes to properly match the original behavior. With the attached changes, this update passed main-regression testing. CTRL-C testing is running now.

#4 - 01/17/2015 06:40 AM - Greg Shah

In regard to the use of screen-value in validation expressions, at least the basic functionality works as expected with my changes.

See testcases/uast/screen\_value/screen\_value\_in\_validation\_expression.p:

```
def var num as int  format "999".

update num validate((integer(num:screen-value) >= 1 and integer(num:screen-value) <= 30),
                    "num must be between 1 and 30, inclusive!").
```

Can you think of any other validation case that I should check?

**#5 - 01/17/2015 08:15 AM - Greg Shah**

- Status changed from WIP to Closed
- File ges\_upd20150117a.zip added

CTRL-C tests passed (without any failures, including the 3-way ones). The attached version is checked in as bzt rev 10714.

The only difference is that I added a missing history entry in ToggleBoxWidget.

**#6 - 11/16/2016 12:13 PM - Greg Shah**

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

Files			
ges_upd20150115a.zip	133 KB	01/16/2015	Greg Shah
ges_upd20150116a.zip	133 KB	01/17/2015	Greg Shah
ges_upd20150117a.zip	133 KB	01/17/2015	Greg Shah