

User Interface - Bug #5587

Decimal format not handled properly

08/06/2021 10:08 AM - Roger Borrello

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

History

#2 - 08/06/2021 10:21 AM - Roger Borrello

- File 4984_chui_comparison.png added

- Subject changed from *Decimal format sign not handled properly* to *Decimal format not handled properly*

The display output for a decimal fill-in does not match the 4GL.

In ChUI, we are not handling user data correctly.

Take this example (./uast/sterling.p):

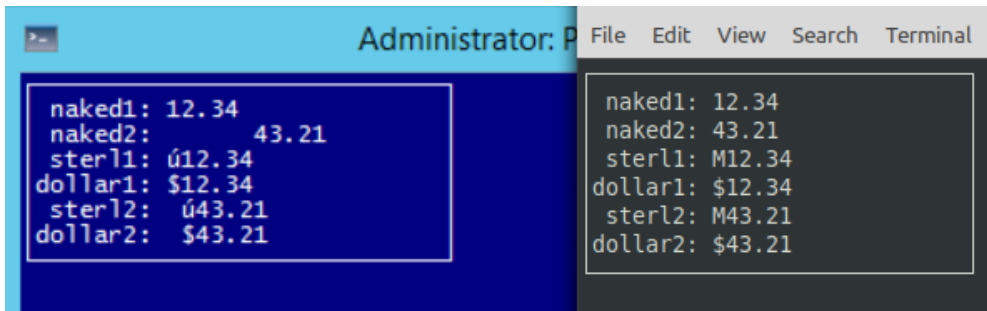
```
def var naked1    as decimal init 12.34.
def var naked2    as decimal init 43.21.
def var sterl1   as decimal init 12.34.
def var dollar1  as decimal init 12.34.
def var sterl2   as decimal init 43.21.
def var dollar2  as decimal init 43.21.

define frame f1
  naked1    at row 1 col 8 colon-aligned format "->, >>>, >>9.99"    view-as fill-in
  naked2    at row 2 col 8 colon-aligned format "  ->, >>>, >>9.99" view-as fill-in
  sterl1    at row 3 col 8 colon-aligned format "£->, >>>, >>9.99"    view-as fill-in
  dollar1   at row 4 col 8 colon-aligned format "$->, >>>, >>9.99"    view-as fill-in
  sterl2    at row 5 col 8 colon-aligned format " £->, >>>, >>9.99"    view-as fill-in
  dollar2   at row 6 col 8 colon-aligned format " $->, >>>, >>9.99"    view-as fill-in
  with 1 down side-labels.

display naked1 naked2 sterl1 dollar1 sterl2 dollar2 with frame f1.
/*display naked1 naked2 with frame f1.*/

output to ./sterling.txt.
message "naked1="string(naked1,    "->, >>>, >>9.99") .
message "naked2="string(naked2,    "  ->, >>>, >>9.99") .
message "sterling1="string(sterl1, "£->, >>>, >>9.99") .
message "dollar1="string(dollar1,  "$->, >>>, >>9.99") .
message "sterling2="string(sterl2, " £->, >>>, >>9.99") .
message "dollar2="string(dollar2,  " $->, >>>, >>9.99") .
```

In ChUI, we get this, where we don't seem to do anything with the user data:



#3 - 08/06/2021 10:26 AM - Roger Borrello

Another issue related to format is we don't give an error condition that the 4GL does.

In the testcase mentioned in [#5587-2](#), I had longer fill-in names sterling1 and sterling2. When I tried 4GL ChUI, I received Cannot fit FILL-IN ... (4027)... error. Apparently there's a different limit set for the label size in ChUI versus GUI. I upped the label length by making it **mysterling1** and received the same error on Progress GUI.

No such error on FWD in ChUI or GUI.

#4 - 08/06/2021 10:29 AM - Roger Borrello

- File 4984_tight_colon-aligned_4gl.png added

- File 4984_tight_colon-aligned_fwd.png added

Another issue is the alignment of side-labels is a little off in GUI when colon-aligned is set. The alignment doesn't match the longest label like in the 4GL:

4GL

```
naked:
naked2:
sterling:
dollar:
sterling2:
dollar2:
```

FWD

```
naked: 1
naked2:
sterling:
dollar:
sterling2:
dollar2:
```

- File 5587_extra_space.png added

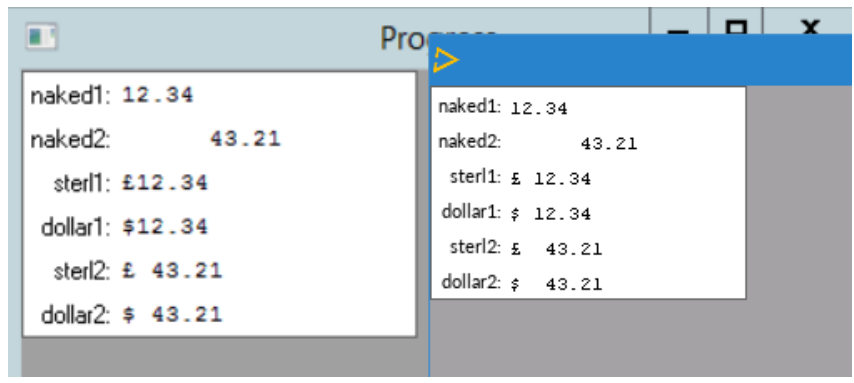
Another issue is the extra space that comes between the user data, and the first digit. It appears that the sign is replaced with a space, when it may need to be replaced with a null.

Here is a minor update to the testcase, and resultant output comparison:

```
def var naked1      as decimal init 12.34.
def var naked2      as decimal init 43.21.
def var sterl1      as decimal init 12.34.
def var sterl2      as decimal init 43.21.
def var dollar1     as decimal init 12.34.
def var dollar2     as decimal init 43.21.

define frame f1
  naked1      at row 1 col 8 colon-aligned format "->, >>>, >>9.99"      view-as fill-in
  naked2      at row 2 col 8 colon-aligned format "      ->, >>>, >>9.99" view-as fill-in
  sterl1      at row 3 col 8 colon-aligned format "£->, >>>, >>9.99"      view-as fill-in
  sterl2      at row 5 col 8 colon-aligned format "£ ->, >>>, >>9.99"      view-as fill-in
  dollar1     at row 4 col 8 colon-aligned format "$->, >>>, >>9.99"      view-as fill-in
  dollar2     at row 6 col 8 colon-aligned format "$ ->, >>>, >>9.99"      view-as fill-in
  with 1 down side-labels.

display naked1 naked2 sterl1 sterl2 dollar1 dollar2 with frame f1.
```



#6 - 08/06/2021 03:42 PM - Roger Borrello

I am going to compare how the NumberType.toString handles the format, since the message comes out without the space instead of the negative sign.

#7 - 08/06/2021 03:48 PM - Roger Borrello

- Assignee set to *Roger Borrello*
- Status changed from *New* to *WIP*

Files

4984_chui_comparison.png	23.5 KB	08/06/2021	Roger Borrello
4984_tight_colon-aligned_4gl.png	3.88 KB	08/06/2021	Roger Borrello
4984_tight_colon-aligned_fwd.png	1.94 KB	08/06/2021	Roger Borrello
5587_extra_space.png	17.8 KB	08/06/2021	Roger Borrello