User Interface - Bug #5775

Runtime should handle default formats and setFormat should only be included when needed

10/26/2021 09:07 AM - Roger Borrello

Status:	New	**Start date:**	
Priority:	Normal	**Due date:**	
Assignee:		**% Done:**	0%
Category:		**Estimated time:**	0.00 hour
Target version:			
billable:	No	**case_num:**	
vendor_id:	GCD		

Description

History

#2 - 10/26/2021 09:14 AM - Roger Borrello

When dealing with the truncating of **list-item-pairs** in a combo-box to **x(8)**, it was discovered that the frame definition for a character widget includes setFormat("x(8)") (but not for the combo-box) even though the 4GL does not include the format declaration.

It should be handled by runtime when the format is left as a default, and setFormat should only be included if it is included in the 4GL.

Testcase: uast/list-item.p

#3 - 10/26/2021 09:15 AM - Roger Borrello

Testcase:

```
/*
 * This testcase can show how we are including a default format in one case, but not others.
 * The theory is we shouldn't include a setFormat statement in any case that the default is
 * expected in the 4GL. Rather, it should be included when it diverges from the default.
 */

/* Include this is you desire output to a file */
/*output to ./list-item.txt.*/

/*
 * The below will create a frame definition containing setFormat("x(8)")
 */
def var ch0 as char.
form ch0 with frame f0.
message "ch0 label/format: " ch0:label ch0:format.

/*
 * The below will not include the setFormat in the frame definition. However, it illustrates
 * that the default format of a combo-box is x(8) since the list-items will be trucated
 */
def var ch1 as char /*format "x(8)"*/ .
form ch1 view-as combo-box
/*
 11111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111111222222222
22222222222222222222222222222222222222222222222222222222222222222222222222222222222222222222222222222223 */
/*                    1111111111222222222233333333334444444444555555555556666666666777777777788888888899999999
90000000000111111111122222222223333333333444444444455555555556666666666777777777788888888889999999990000000000
01111111111222222222233333333334444444444555555555566666666667777777777888888888899999999900 */
/*list-items "12345678901234567890123456789012345678901234567890123456789012345678901234567890123456
78901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567
78901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890",*/
```

```
list-items "12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456",
           "abcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdef"
with frame f1 side-labels.
message "ch1 label/format: " ch1:label ch1:format.
enable ch1 with frame f1.
wait-for go of frame f1.
assign ch1.
/*message ch1 ch1:screen-value.*/

/*
 * The below will not include the setFormat in the frame definition. However, it illustrates
 * that the default format of a combo-box is ignored if list-item-pairs are used
 */
def var ch2 as char /*format "x(8)"*/ .
form ch2 view-as combo-box
/* 69 characters max, otherwise an error that it is too wide for the frame
/*                         1111111111222222222233333333334444444444555555555566666666667 */
list-item-pairs "12345678901234567890123456789012345678901234567890123456789012345678901234567890", "1",
                "abcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrst", "2"
list-item-pairs "12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789", "1",
                "abcdefghijklmnopqrstuvwxyabcdefghijklmnopqrstuvwxyabcdefghijklmnopqrs", "2"
*/
list-item-pairs "12345678901234567890123456789012345", "1",
                "abcdefghijklmnopqrstuvwxyabcdefghij", "2"
with frame f2 side-labels.
message "ch2 label/format: " ch2:label ch2:format.
enable ch2 with frame f2.
wait-for go of frame f2.
assign ch2.
/*message ch2 ch2:screen-value.*/

message "Done.".
```