AOZ Studio Beta - Bug #801

Screen Open clips screen when Text columns & Rows are set. Also font size used is wrong.

07/13/2021 10:49 PM - Brian Flanagan

Status:	Closed		**Start date:**	07/13/2021
Priority:	Normal		**Due date:**	
Assignee:	Francois Lionet		**% Done:**	0%
Category:			**Estimated time:**	1:00 hour
Target version:	none			
Affected version:	1.0.0 (B8) u15			

Description

See right edge of snapshot to see clipping.

For example:

```
Screen Open 0,1920,1080,32,Lowres,60,30
```

The above should open a 1920 x 1080 screen with 60 columns and 30 lines of text.
To obtain this text screen size, the font should scale to 32 x 36 pixels:

```
1920 / 60 = 32
1080 / 30 = 36
```

Instead it is scaled in the opposite direction to 9.9180 x 16.5313.

Here's an example program to illustrate the problem:

```
cols=60 : lines=30
scrWidth=1920 : scrHeight=1080
Screen Open 0,scrWidth,scrHeight,32,Lowres,60,30
Curs Off : Flash Off : Palette 0,$FFFFFF,$77FF77 : Pen 1 : Paper 0 : Ink 1 : Cls 0
tb$=Chr$(9)
Box 0,0 To scrWidth-1,scrHeight-1
Draw 0,0 To scrWidth-1,scrHeight-1
Draw 0,scrHeight-1 To scrWidth-1,0
Ink 1
' Show columns
For c=1 to cols
    Print Chr$(48+(c Mod 10));
Next
Print Repeat$(tb$+".",26);" Right edge is clipped-->"
Print "Above line is 60 chars long."
Print
Fix 3
f$="####.#### pixels."
Print "Font width is:  "; : Print Using f$; X Graphic(1)
Print "    should be:  "; : Print Using f$; scrWidth/60
Print "Font height is: "; : Print Using f$; Y Graphic(1)
Print "     should be: "; : Print Using f$; scrHeight/30
' Show lines
Locate 0,7
For r=8 to lines
    Print Chr$(48+(r Mod 10))
Next r
Print
Locate 1, : Print "The numbers across show the 60 columns."
Locate 1, : Print "The numbers across the left edge show the 30 rows."
Ink 2
Box 0,0 To cols*X Graphic(1),lines*Y Graphic(1)
Locate 1, : Print "The area bounded by the green rectangle should fill the screen!"
Do
    Wait Vbl
```

History

#1 - 07/15/2021 05:33 AM - Francois Lionet

- Status changed from New to Resolved

- Assignee set to Francois Lionet

Fixed!

#2 - 09/18/2021 01:53 AM - Brian Flanagan

- Status changed from Resolved to Closed

Well, it works **better** now. Given that we can no longer specify the number of columns, it works within that new context.

I still say that we should be able to specify BOTH columns and lines.

Files

Right_Edge_Clipped_Wrong_Font_Size.png	149 KB	07/13/2021	Brian Flanagan