




SuperReport ProTM Addendum

Version 4.0 

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The logo features the letters 'TOC' in a bold, sans-serif font inside a speech bubble shape. To the right of the speech bubble, the word 'Contents' is written in a larger, bold, sans-serif font.

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1 Configuration

SuperReport Pro version 4 is compatible with 4D v15, v16 and above in 32-bit and 64-bit modes.





The Palette interface

Version 4 introduces a new palette style interface to edit object properties.

Two modes are available:

- Graphic

The screenshot shows the 'Line Object Properties' palette with the following settings:

- Name:
- ID:
- Order:
- Lock:
- Print:
- Frame Color:
- Dash Style:
- Line Thickness:
- Line type:
- Line Thickness Presets:
- Visible:
- Export:
- Fix Horizontal Position:
- Fix Vertical Position:
- Bind vertically to parent:
- Bind horizontally to parent:
- Position in parent:

■ Text

Report - Basic Customer List
DataSource
▶ Styles
▼ Sections
▶ Header
Break Header 1
▶ Break Header 2
▼ Break Header 3
Line (349;4;557;28) - Ligne_1
▼ Body
Field (96;4;231;16) - object_00007 - [Customer]Name

Name	Value
kind	Line
id	Ligne_1
order	1
visible	1
locked	0
selected	1
export	1
left	349
top	4
right	557
bottom	28
width	208
height	24
name	
fixH	0
fixV	0

Both types can be displayed side by side in a large “double” palette for fine-tuning object properties:

Report - Basic Customer List
DataSource
▶ Styles
▼ Sections
▶ Header
Break Header 1
▶ Break Header 2
▼ Break Header 3
Line (349;4;557;28) - Ligne_1
▼ Body
Field (96;4;231;16) - object_00007 - [Customer]Name

Name	Value
kind	Line
id	Ligne_1
order	1
visible	1
locked	0
selected	1
export	1
left	349
top	4
right	557
bottom	28
width	208
height	24
name	
fixH	0
fixV	0

Line Object Properties

Name: Lock:

ID: Unlocked:

Order: Print:

Frame Color: Dash Style:

Line Thickness: Line type:

Visible

Export

Fix Horizontal Position

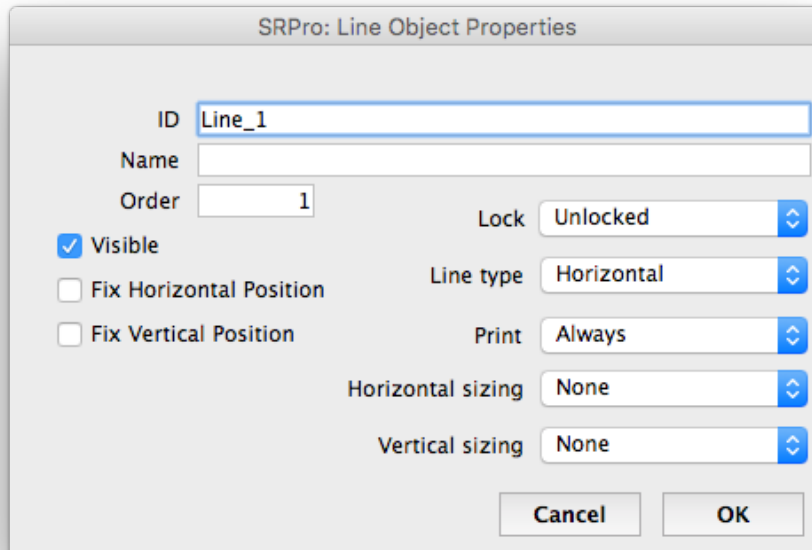
Fix Vertical Position

Bind vertically to parent:

Bind horizontally to parent:

Position in parent:

In addition, the old v3 modal dialogs are still here:



The image shows a modal dialog box titled "SRPro: Line Object Properties". It contains several input fields and checkboxes for configuring a line object. The "ID" field is filled with "Line_1". The "Name" field is empty. The "Order" field is filled with "1". The "Visible" checkbox is checked. The "Fix Horizontal Position" and "Fix Vertical Position" checkboxes are unchecked. The "Lock" dropdown is set to "Unlocked". The "Line type" dropdown is set to "Horizontal". The "Print" dropdown is set to "Always". The "Horizontal sizing" dropdown is set to "None". The "Vertical sizing" dropdown is set to "None". At the bottom right, there are "Cancel" and "OK" buttons.

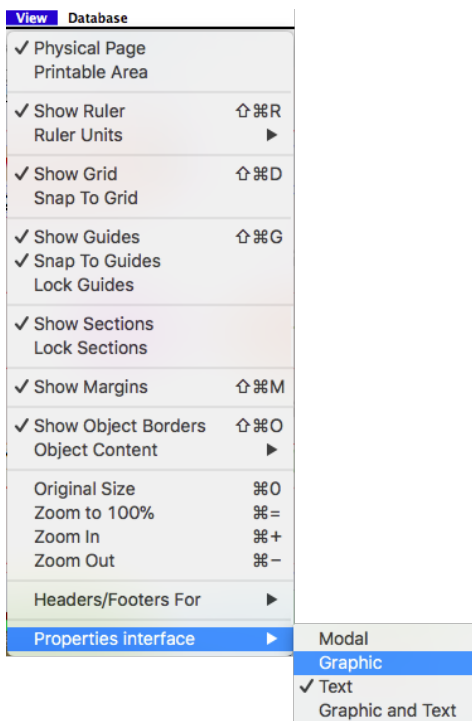
ID	<input type="text" value="Line_1"/>
Name	<input type="text"/>
Order	<input type="text" value="1"/>
<input checked="" type="checkbox"/> Visible	Lock <input type="text" value="Unlocked"/>
<input type="checkbox"/> Fix Horizontal Position	Line type <input type="text" value="Horizontal"/>
<input type="checkbox"/> Fix Vertical Position	Print <input type="text" value="Always"/>
	Horizontal sizing <input type="text" value="None"/>
	Vertical sizing <input type="text" value="None"/>



Selecting display mode

Through the SuperReport Pro “View” menu

The "View" menu includes a "Properties interface" sub-menu to select the desired look on the fly:



You can switch between modes to display the appropriate interface depending on the object and properties involved.

Setting a property programmatically

From the developer's point of view, the user interface for property settings can be modified at any time using the [SRP_Area_PaletteType](#) property.

This is a bit-field property, where two bits can be combined:

Bit number	Description
0	Graphic palette
1	Text palette

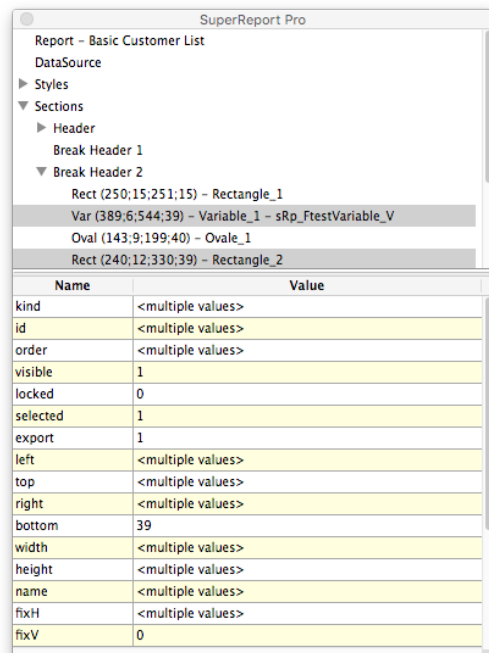
Constants are available:

Constant(s)	Value	Display type
	0	Modal
SRP_Palette_Graphic	1	Graphic
SRP_Palette_Text	2	Text
SRP_Palette_Graphic+SRP_Palette_Text	3	Graphic and Text

Example

```
SR_SetLongProperty (0;0; SRP\_Area\_PaletteType; SRP\_Palette\_Graphic+SRP\_Palette\_Text)
// text and graphic (combined mode: double palette)
```

Note: when several objects are selected and at least one palette mode is set (graphic and/or text), the Text palette will be displayed regardless of the palette settings. <multiple values> indicate that different values are set for the objects.



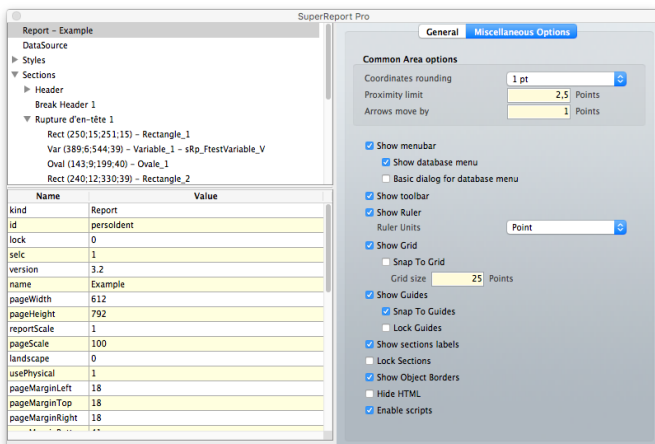
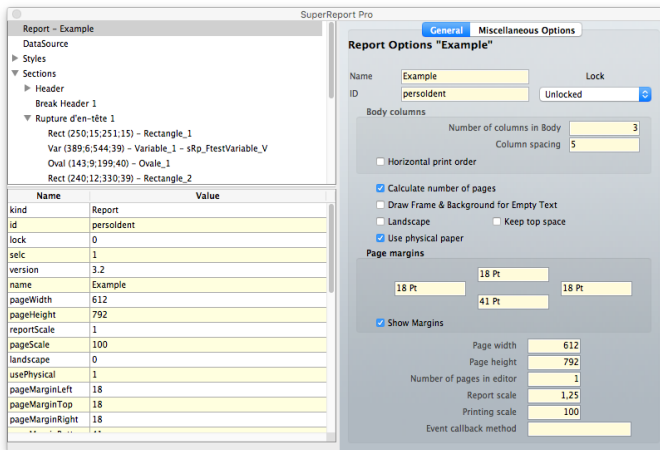
4

Object types

Both palette types (combined mode: graphic and text) are displayed below for each object type.

Report properties

These settings apply to the report itself. Two tabs are available: "General" and "Miscellaneous".



Section properties

Palettes are available for each section type: header, break header, body, footer, break footer, total, watermark.

The screenshot shows the 'Section Properties Header' configuration window. On the left, a tree view shows the report structure with 'Header' selected. Below it is a table of properties for the selected section.

Name	Value
kind	Section
id	section_00
order	1
visible	1
locked	0
selected	1
draw	1
export	1
height	73
type	Header
name	Header
fixedHeight	0
labelPos	0
Script	
firstPage	1

The main configuration area on the right includes:

- Name:** Header, **ID:** section_00, **Order:** 1, **Height:** 73, **Label Position:** 0.
- Section Options:** Always Use This Section, Use This Section On The First Page Only, Only Use This Section After The First Page, First Page, Second Page, Last Page, On Top.
- Page Breaking Options:** Keep Whole Section On Same Page, Place This Section On The Current Page, Start A New Page Before Starting This Section, Start A New Page After Completing This Section, Start A New Page If Available Space Is Less Than, Print at bottom, **Level:** 2.

The screenshot shows the 'Section Properties Break Header 1' configuration window. On the left, a tree view shows the report structure with 'Break Header 1' selected. Below it is a table of properties for the selected section.

Name	Value
kind	Section
id	Section_8
order	2
visible	1
locked	0
selected	1
draw	1
export	1
height	48
type	BreakHeader
name	Break Header 1
fixedHeight	0
minSpace	0
keepTogether	0
pageThrow	0

The main configuration area on the right includes:

- Name:** Break Header 1, **ID:** Section_8, **Order:** 2, **Height:** 48, **Label Position:** 0.
- Section Options:** Always Use This Section, Use This Section On The First Page Only, Only Use This Section After The First Page, First Page, Second Page, Last Page, On Top.
- Page Breaking Options:** Keep Whole Section On Same Page, Place This Section On The Current Page, Start A New Page Before Starting This Section, Start A New Page After Completing This Section, Start A New Page If Available Space Is Less Than, Print at bottom, **Level:** 1, **0 Pt**.

The screenshot shows the 'Section Properties Body' configuration window. On the left, a tree view shows the report structure with 'Body' selected. Below it is a table of properties for the selected section.

Name	Value
kind	Section
id	section_07
order	5
visible	1
locked	0
selected	1
draw	1
export	1
height	22
type	Body
name	Body
fixedHeight	0
minSpace	0
keepTogether	0
pageThrow	0

The main configuration area on the right includes:

- Name:** Body, **ID:** section_07, **Order:** 5, **Height:** 22, **Label Position:** 190.
- Section Options:** Always Use This Section, Use This Section On The First Page Only, Only Use This Section After The First Page, First Page, Second Page, Last Page, On Top.
- Page Breaking Options:** Keep Whole Section On Same Page, Place This Section On The Current Page, Start A New Page Before Starting This Section, Start A New Page After Completing This Section, Start A New Page If Available Space Is Less Than, Print at bottom, **Level:** 0, **0 Pt**.

SuperReport Pro

Section Properties "Footer"

Name: Footer Lock:

ID: section_15 Unlocked:

Order: 8

Height: 265 Label Position: -3

Section Options

- Always Use This Section
- Use This Section On The First Page Only
- Only Use This Section After The First Page
- First Page
- Second Page
- Last Page
- On Top

Only Use This Section On Value Changes Of...

Object: Field Name:

Print This Section On The Report Export this section

Visible Fixed size

Page Breaking Options

- Keep Whole Section On Same Page
- Print at bottom
- Place This Section On The Current Page
- Start A New Page Before Starting This Section
- Start A New Page After Completing This Section Level: 1
- Start A New Page If Available Space Is Less Than

Script... HTML Data

Name	Value
kind	Section
id	section_15
order	8
visible	1
locked	0
selected	1
draw	1
export	1
height	265
type	Footer
name	Footer
fixedHeight	1
labelPos	-3
Script	
firstPage	1
--	--

SuperReport Pro

Section Properties "Break Footer 1"

Name: Break Footer 1 Lock:

ID: Section_7 Unlocked:

Order: 6

Height: 48 Label Position: 0

Section Options

- Always Use This Section
- Use This Section On The First Page Only
- Only Use This Section After The First Page
- First Page
- Second Page
- Last Page
- On Top

Only Use This Section On Value Changes Of...

Object: Field Name:

Print This Section On The Report Export this section

Visible Fixed size

Page Breaking Options

- Keep Whole Section On Same Page
- Print at bottom
- Place This Section On The Current Page
- Start A New Page Before Starting This Section
- Start A New Page After Completing This Section Level: 1
- Start A New Page If Available Space Is Less Than 0 Pt

Script... HTML Data

Name	Value
kind	Section
id	Section_7
order	6
visible	1
locked	0
selected	1
draw	1
export	1
height	48
type	BreakFooter
name	Break Footer 1
fixedHeight	0
minSpace	0
keepTogether	0
bindToBottom	0
--	--

SuperReport Pro

Section Properties "Total"

Name: Total Lock:

ID: section_14 Unlocked:

Order: 7

Height: 5 Label Position: 70

Section Options

- Always Use This Section
- Use This Section On The First Page Only
- Only Use This Section After The First Page
- First Page
- Second Page
- Last Page
- On Top

Only Use This Section On Value Changes Of...

Object: Field Name:

Print This Section On The Report Export this section

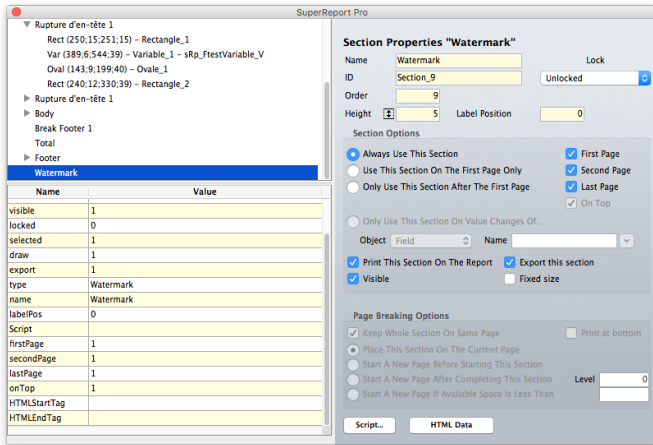
Visible Fixed size

Page Breaking Options

- Keep Whole Section On Same Page
- Print at bottom
- Place This Section On The Current Page
- Start A New Page Before Starting This Section
- Start A New Page After Completing This Section Level: 0
- Start A New Page If Available Space Is Less Than 0 Pt

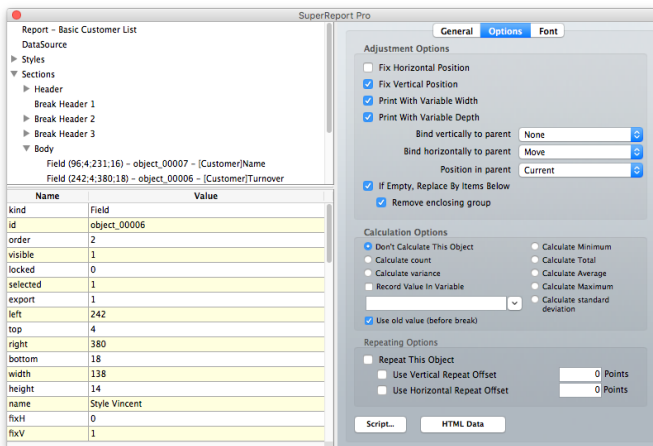
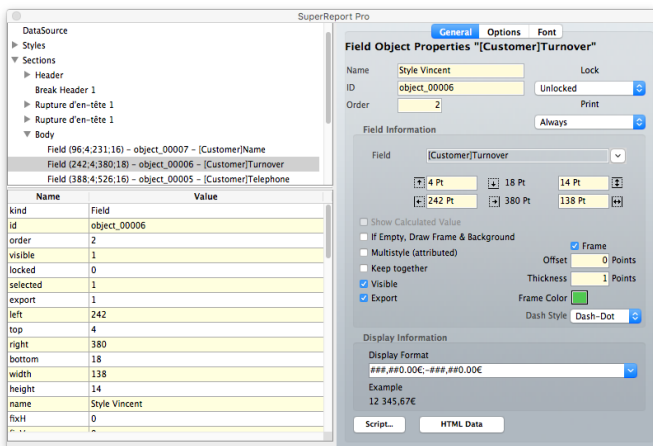
Script... HTML Data

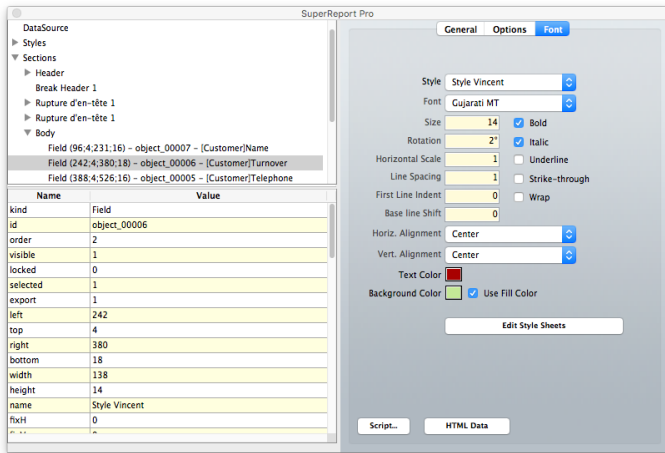
Name	Value
kind	Section
id	section_14
order	7
visible	1
locked	0
selected	1
draw	1
export	1
height	5
type	BreakFooter
name	Total
fixedHeight	0
minSpace	0
keepTogether	0
bindToBottom	0
--	--



Field properties

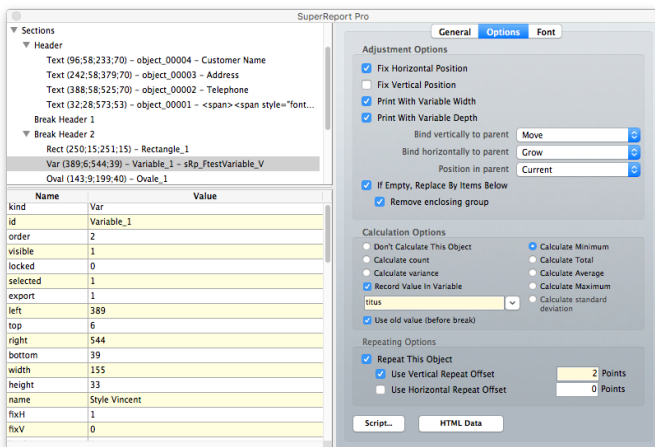
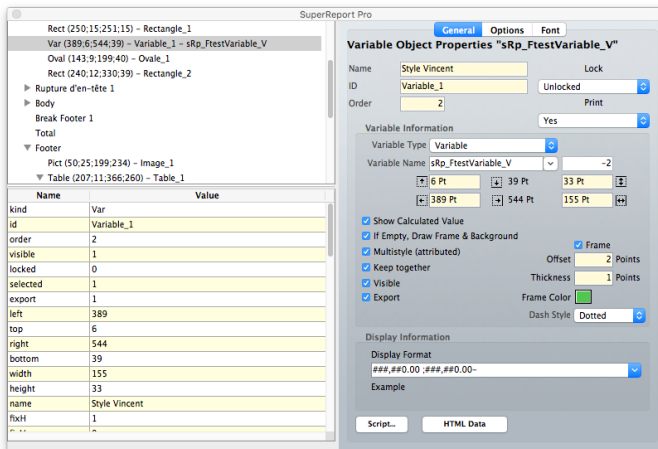
Three tabs are available: "General", "Options" and "Font".





Variable properties

As in Fields, three tabs are available: "General", "Options" and "Font".



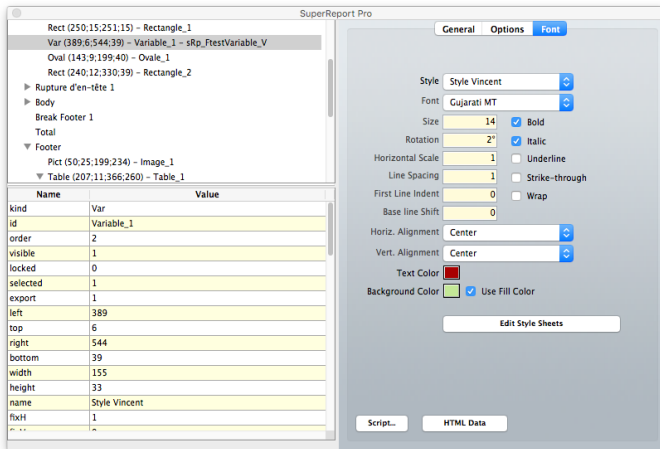
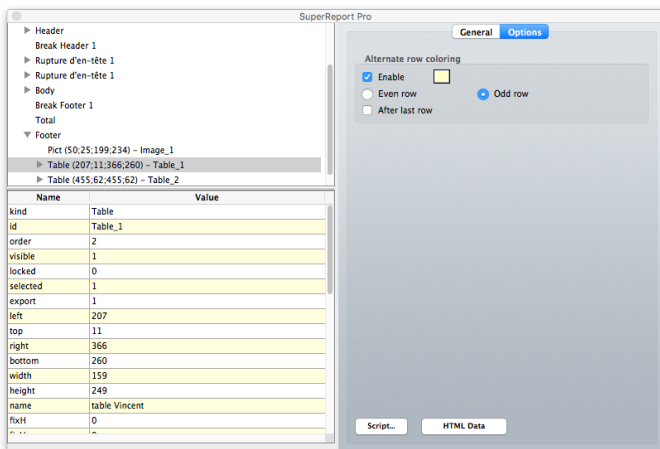
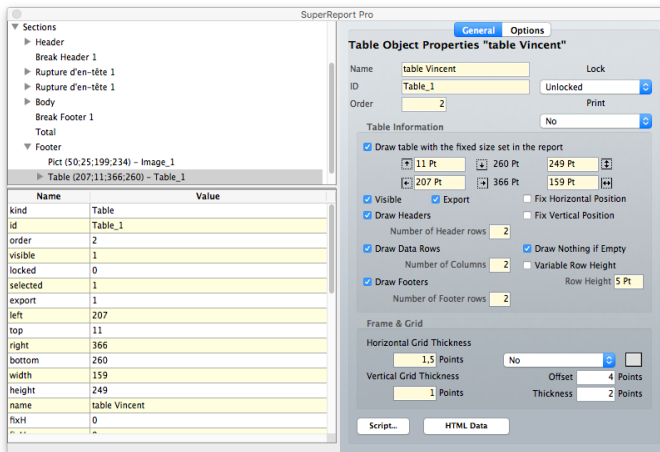


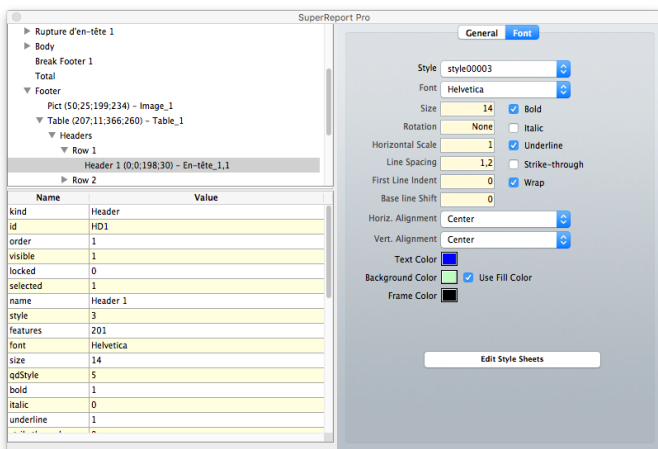
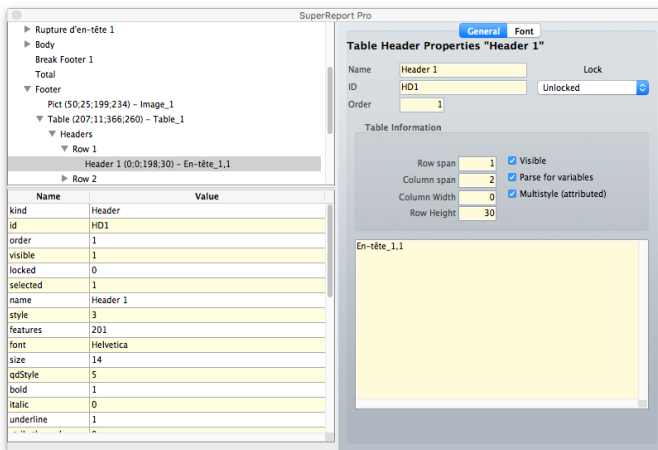
Table properties

The palette matches the part of the table object that is currently selected.

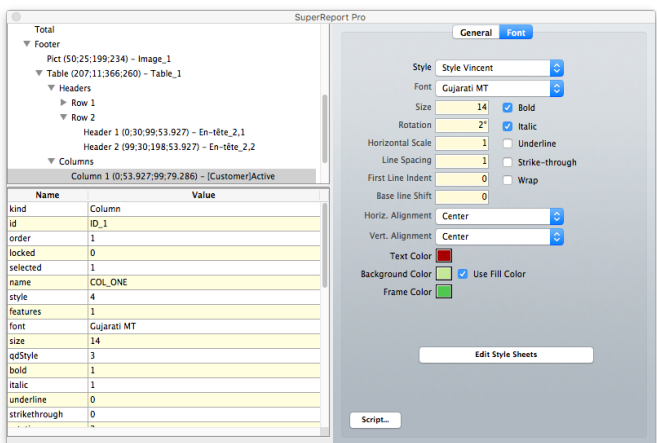
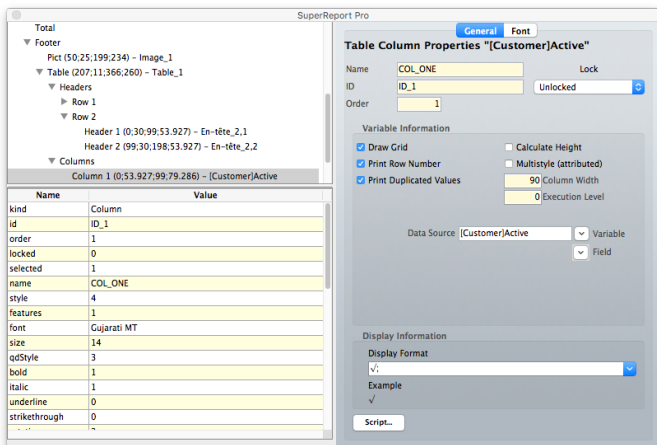
- The table itself, with two tabs: “General” and ”Options”.



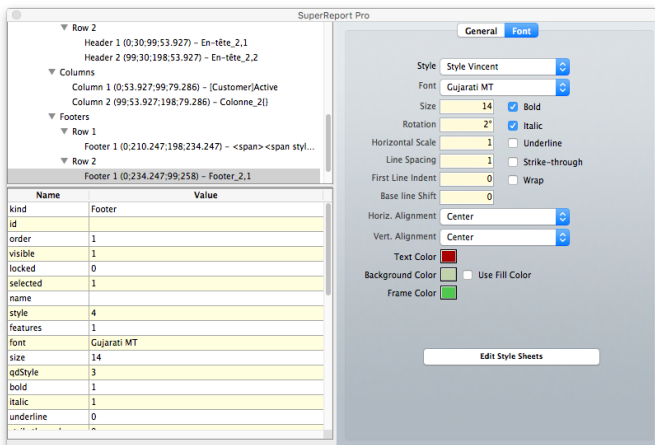
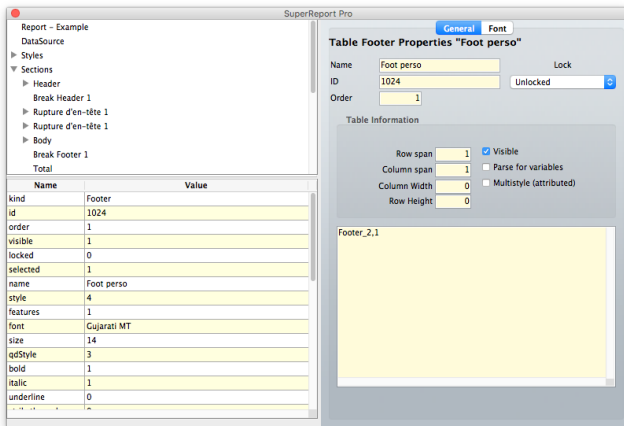
- Table header, with two tabs: "General" and "Font".



- Table column, with two tabs: "General" and "Font".

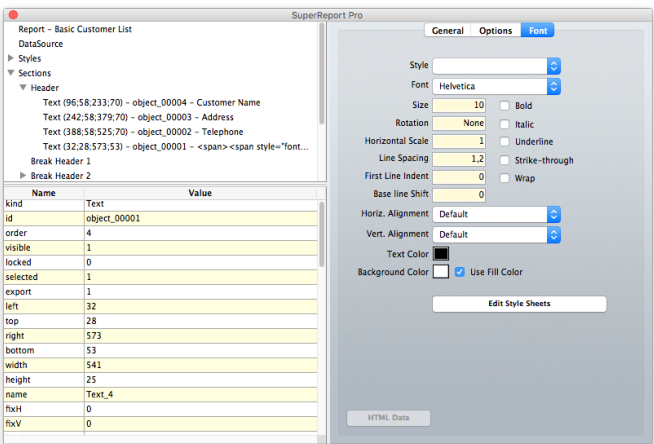
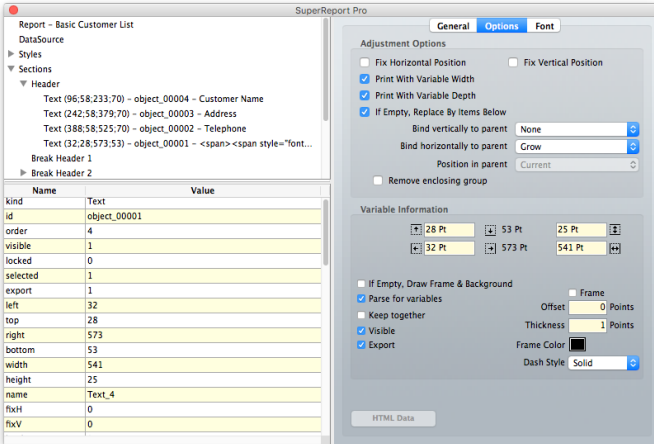
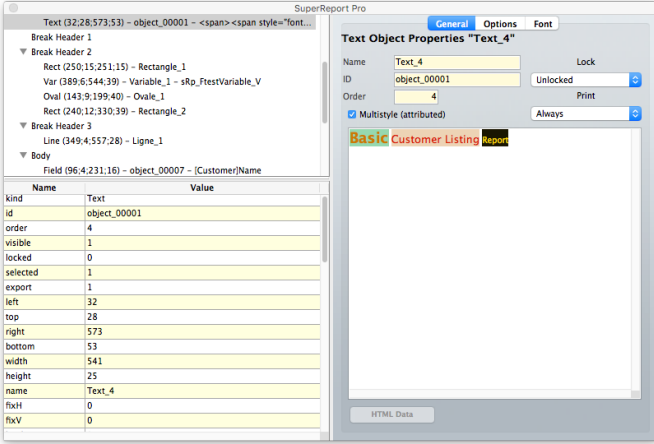


- Table footer, with two tabs: "General" and "Font".



Text properties

The palette used to edit text properties includes three tabs : "General", "Options" and "Font".



Graphic objects properties

Each graphic object type has its own palette: Line, Oval, Picture, Rectangle.

Line Object Properties

Name: Ligne_1 | Lock: Unlocked

Order: 1 | Print: Always

Frame Color: Green | Dash Style: Dotted

Line Thickness: 10 Pts | Line type: Horizontal

Dimensions: 4 Pt, 28 Pt, 24 Pt, 349 Pt, 557 Pt, 208 Pt

Visible
 Export
 Fix Horizontal Position
 Fix Vertical Position

Bind vertically to parent: None
Bind horizontally to parent: None
Position in parent: Current

Name	Value
kind	Line
id	Ligne_1
order	1
visible	1
locked	0
selected	1
export	1
left	349
top	4
right	557
bottom	28
width	208
height	24
name	
fixH	0
fixV	0

Oval Object Properties

Name: Ovale_1 | Lock: Unlocked

Order: 3 | Print: Yes

Frame | Frame Color: Red | Dash Style: Solid

Use Fill Color

Line Thickness: 3 Points

Dimensions: 9 Pt, 40 Pt, 31 Pt, 143 Pt, 199 Pt, 56 Pt

Visible
 Export
 Fix Horizontal Position
 Fix Vertical Position

Bind vertically to parent: None
Bind horizontally to parent: None
Position in parent: Current

Name	Value
kind	Oval
id	Ovale_1
order	3
visible	1
locked	0
selected	1
export	1
left	143
top	9
right	199
bottom	40
width	56
height	31
name	
fixH	0
fixV	0

Picture Object Properties

Name: Image_1 | Lock: Unlocked

Order: 1 | Print: Yes

Visible
 Export

Picture/Graphic Options

Dimensions: 25 Pt, 234 Pt, 149 Pt, 50 Pt, 199 Pt, 209 Pt

Fill/BackColor | Frame

Display Format: Scaled (Proportional, Cen... | Offset: 5 Pts

939569 bytes | 240 width | 320 height | Thickness: 5 Pts | Dash: Dashed

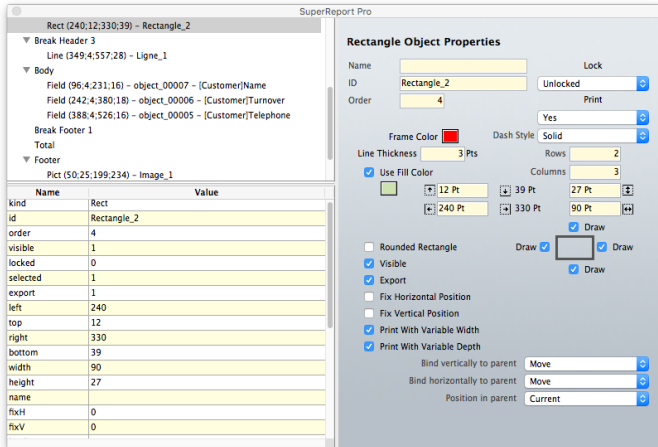
Adjustment Options

Fix Horizontal Position
 Print With Variable Width
 Print With Variable Depth

Bind vertically to parent: Grow
Bind horizontally to parent: Move
Position in parent: Left

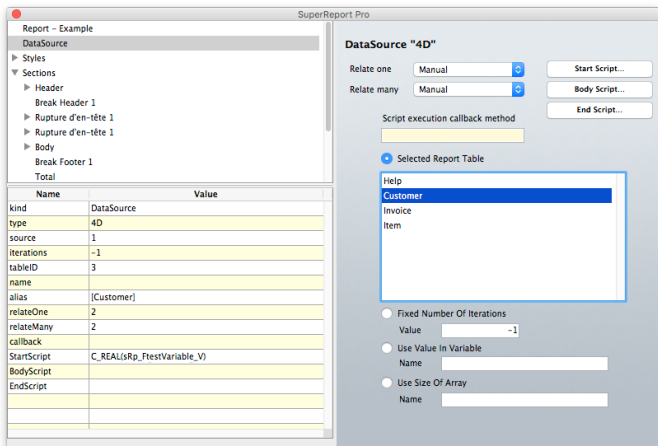
Substitute HTML:

Name	Value
kind	Pict
id	Image_1
order	1
visible	1
locked	0
selected	1
export	1
left	50
top	25
right	199
bottom	234
width	149
height	209
name	
fixH	0
fixV	0



Data source properties

Data source properties include information regarding the source of data (variables, records or fields), as well as the interface to the 4D database: variable name, relate one / relate many, SuperReport Pro [callback scripts](#), etc.



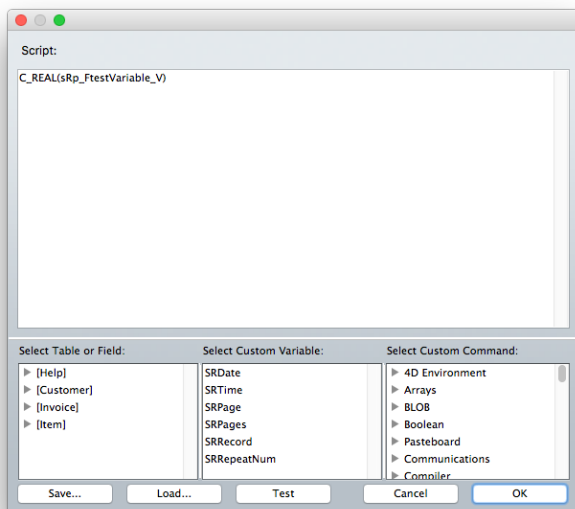


Script and HTML edit dialogs

These dialogs have been enhanced.

Script edit dialog

This dialog now includes a “Test” button to run the script.



HTML edit dialog

- "Pusher" type separator
- Text blocks resizing

