

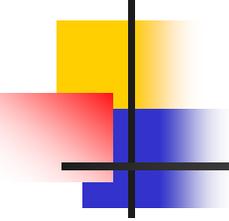
Using 4.8.1 Internet

Hugo Elbers

Ralph Dolmans

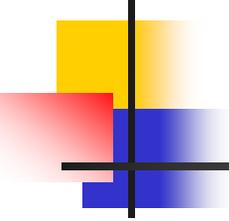
Blaise Team

IBUC 2009 - Riga, Latvia



Topics

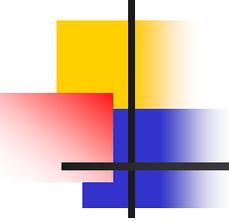
- Case study: Survey versioning
- Layout: improved group editor



Case Description

- Active Web Survey with interruption allowed
- Want to modify questionnaire
- Update survey:
 - Minimal 'down-time'
 - Transparent to respondent

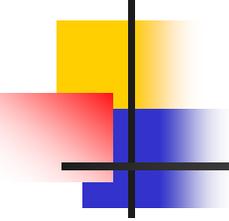
[Demo](#)



Update at same location

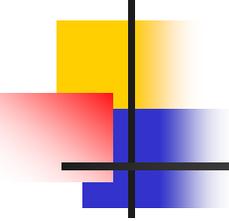
- Advantage:
 - Same URL
- Disadvantages:
 - Survey 'under construction'
 - incompatible database

[Demo](#)



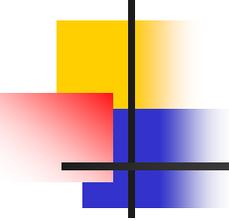
Update at new location

- Advantage:
 - Survey remains accessible
- Disadvantages:
 - Other URL
 - How to distribute new URL to respondent?
 - How to handle interrupted interviews?
 - Multiple databases



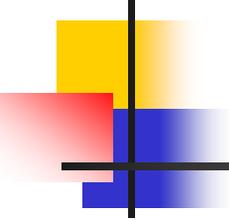
Side-by-side survey

- Advantages:
 - General URL
 - No downtime
- Disadvantage:
 - Multiple databases



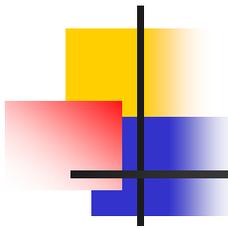
Steps for side-by-side survey

1. Create modified survey
 - Increment version number
2. Test modified survey
3. Switch to modified survey
 - New respondent starts latest version
 - Previously aborted session continues with its specific version



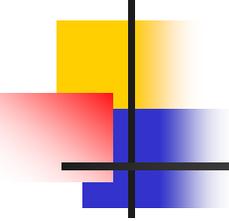
Issues

- How can respondent use correct version?
- How can interview be continued after installation of a new version?
- How do we handle incompatible data?



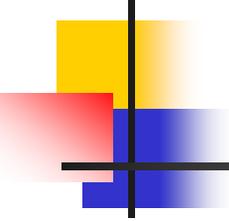
Side-by-side installation

- Use Versioning (*Survey1, Survey2, ...*)
- Provide non-specific URL (*Survey*):
 - Respondent not aware of version
 - Redirect to current version
- Store user info in journal database
- Multiple databases:
 - Single record per respondent
 - Easy to merge after collection



How does *Login* work?

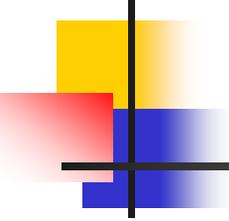
- Ask ID
- Look up ID in **shared** journal database
- If found (interrupted survey)
 - Get version number
 - Start survey with that version number
- Else (new respondent)
 - Start survey with active version number



How does *main Survey* work?

It updates record in journal database:

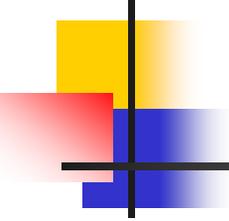
- When?
 - At start, end, interruption
- What?
 - ID
 - Version
 - Status: Started, Finished, or Aborted



Merge collected data

- Start with empty final database
- For each survey version:
 - Add collected data using Manipula:
 - Automatic conversion of incompatible data
- At most one record per respondent

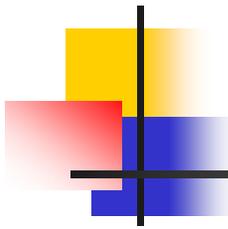
[Demo](#)



Blaise Internet Group Editor

Old editor

- No multiselect
- Not possible to undo or redo actions
- All actions are applied instantly, not possible to cancel the editor in last screen



Group Editor

New editor

- Hold ctrl for multiselect
- Possible to undo and redo actions
- Multiple methods to move items
- Colored borders to easily determine to what question the element belongs

Group Editor

The screenshot shows the 'Group Editor' window with a layout of text fields. The 'Global' properties panel is visible on the right, and the 'Undo (5)' and 'Redo (0)' buttons are circled in red.

Layout (4/4)

Field Text (CurrClass)		
Error Counte	Error Text (ClassOther) - active	
Category	Category Text 1 (CurrClass)	
Category	Category Text 2 (CurrClass)	
Category	Category Text 3 (CurrClass)	
Category	Category Text 4 (CurrClass)	
Category	Category Text 5 (CurrClass)	Error Counte Input Line (ClassOther)

Global

Border	False
Navigation	Horizontal
Height	176
Width	706

Elements

6. Category Text 3

Field Name	CurrClass
Appearance	
Top	110
Left	32
Height	22
Width	370
Border	(none)
Border Margin	
Top	0
Left	10
Bottom	0
Right	0

The width of this element

Zoom: 100% Hold ctrl for multiselect
1 item selected

Undo (5) Redo (0)

Previous Finish Cancel

Move/resize items (1)

The screenshot shows a 'Group' window in a design tool. The main area displays a layout with several items: 'Field Text (CurrClass)', 'Error Counte' (with 'Error Text (ClassOther) - active' inside), 'Category Text 1 (CurrClass)', 'Category Text 2 (CurrClass)', 'Category Text 3 (CurrClass)', 'Category Text 4 (CurrClass)', and 'Category Text 5 (CurrClass)'. A red arrow points from the 'Error Counte' item to the 'Elements' section of the properties panel on the right.

Global

Border	False
Navigation	Horizontal
Height	176
Width	706

Elements

Field Name	(multiple)
Appearance	
Top	
Left	32
Height	22
Width	370
Border	(none)
Border Margin	
Top	
Left	
Bottom	
Right	

The width of this element

Zoom: 100% | Hold ctrl for multiselect | 5 items selected | Undo (5) | Redo (0)

Previous | Finish | Cancel

Move/resize items(2)

- Right mouse click

The screenshot shows a software window titled "Group" with a "Layout (4/4)" view. The layout contains several items: "Field Text (CurrClass)", "Error Counte Error Text (ClassOther) - active", "Category Text 1 (CurrClass)", "Category Text 2 (CurrClass)", "Category Text 3 (CurrClass)", "Category Text 4 (CurrClass)", "Category Text 5 (CurrClass)", and "Error Counte Input Line (ClassOther)". A right-click context menu is open over the "Category Text" items, showing options: "Move Item(s)", "Resize Item(s)", and "Remove Item(s)".

Global

Border	False
Navigation	Horizontal
Height	176
Width	706

Elements

Field Name	(multiple)
Appearance	
Top	
Left	32
Height	22
Width	370
Border	(none)
Border Margin	
Top	
Left	
Bottom	
Right	

Zoom: 100% Hold ctrl for multiselect 5 items selected Undo (5) Redo (0)

Previous Finish Cancel

Move items

The screenshot shows a software interface with a 'Group' window and a 'Move Item(s)' dialog box.

Group Window:

- Layout (4/4)
- Field Text (CurrClass)
- Error Counte Error Text (ClassOther) - active
- Category Category Text 1 (CurrClass)
- Category Category Text 2 (CurrClass)
- Category Category Text 3 (CurrClass)
- Category Category Text 4 (CurrClass)
- Category Category Text 5 (CurrClass) Error Counte

Global Properties:

Border	False
Navigation	Horizontal
Height	176
Width	706

Move Item(s) Dialog:

- Item: (5 items selected)
- Top: 22 - 132 Height: 22
- Left: 32 Width: 370
- Move item in the direction:
 - Top
 - Bottom pixels
 - Left
 - Right pixels
- Buttons: OK, Cancel

Zoom: 100% Hold ctrl for multiselect 5 items selected

Resize items

Group

Layout (4/4)

Field Text (CurrClass)

Error Counte Error Text (ClassOther) - ad

Category Category Text 1 (CurrClass)

Category Category Text 2 (CurrClass)

Category Category Text 3 (CurrClass)

Category Category Text 4 (CurrClass)

Category Category Text 5 (CurrClass)

Zoom: 100%

Hold ctrl for multiselect
5 items selected

Undo (5) Redo (0)

Previous Finish Cancel

Move Item(s)

Item: (5 items selected)

Top: 22 - 132 Height: 22

Left: 32 Width: 370

Resize items

Increase height pixels

Decrease height

Increase width pixels

Decrease width

OK Cancel

Global

Border	False
Navigation	Horizontal
Height	176
Width	706

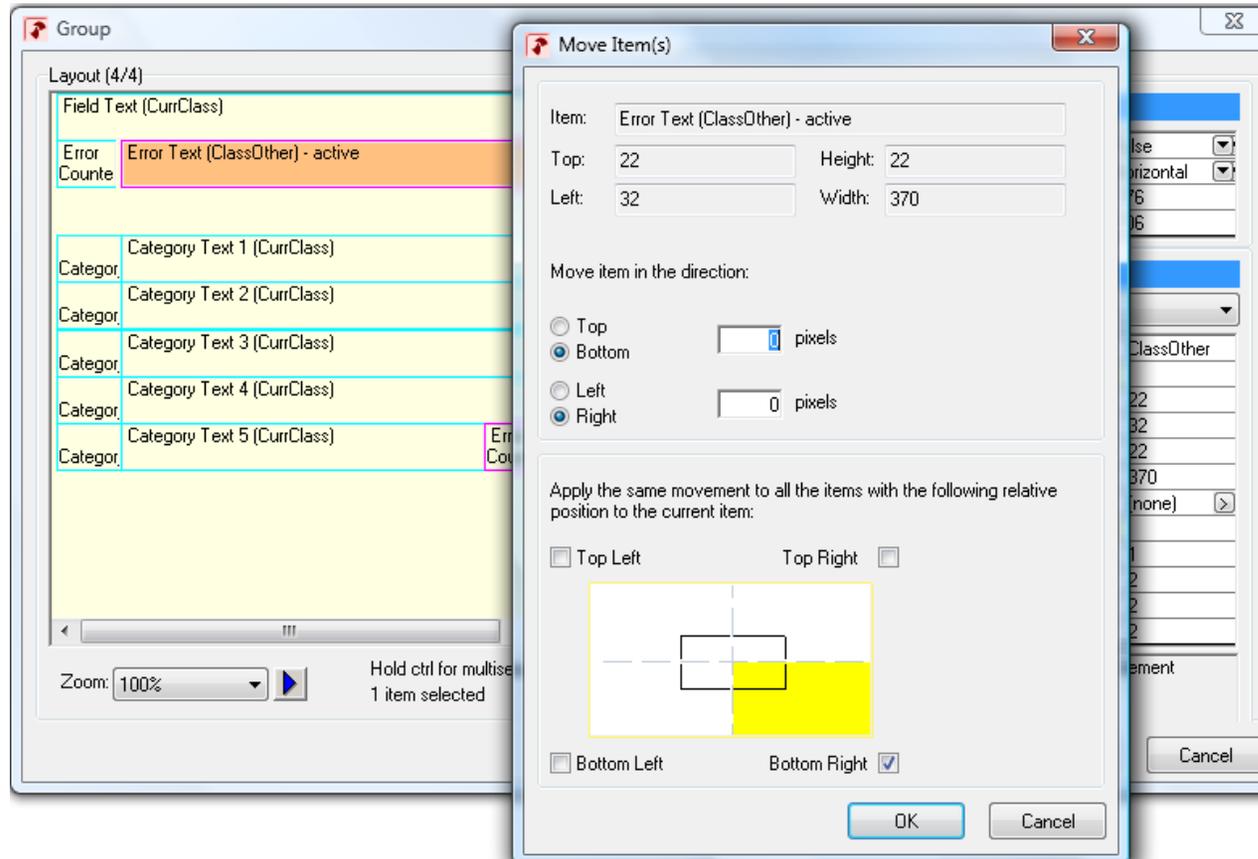
Elements

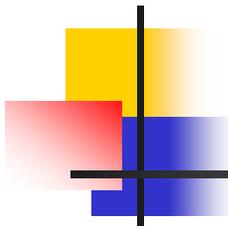
Field Name	(multiple)
Appearance	
Top	
Left	32
Height	22
Width	370
Border	(none)
Border Margin	
Top	
Left	
Bottom	
Right	

The width of this element

Resize at single select

- Same as in the old situation





Presentations / examples

<https://oto.cbs.nl/ibuc>