

Value list met Card window

Peter Kraaijeveld - FileMakerLab.nl

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FileMakerLab.nl

- Sinds FileMaker Pro 2.1
(augustus 1993)
- Zelfstandig ontwikkelaar
sinds 1996
- Docent TU Delft
(Design for interaction)



Programma FMsummit 2017

- Nieuwe card window
- Value list 1 (makkelijk)
- Onvolkomenheden en nieuwe mogelijkheden
- Value list 2 (moeilijk)
- Verrassing

Window type 'Card'

"New Window" Options

Window Style: Card

A window that is modal to its parent window. Its size is based on the parent window by default.

Window Name: "select contact"

fx

Layout: "card window 1"

Size: 400

fx

268

fx

Height

Width

Position: \$card.top

fx

\$card.left

fx

From Top

From Left

▼ Window Options

☐ Close

☐ Minimize

☐ Maximize

☐ Dim parent window

☐ Resize

☐ Menu Bar

☐ Toolbars

Cancel

OK

Window type 'Card'

The image shows a configuration window for a 'Card' window type. At the top, a dropdown menu for 'Window Style' is open, showing options: Document (checked), Floating Document, Dialog, and Card (highlighted). Below this, a description states: 'A window that is modal to its parent window. Its size is based on the parent window by default.' The 'Window Name' field contains 'select contact' with an 'fx' button. The 'Layout' dropdown is set to '"card window 1"'. The 'Size' section has 'Height' set to 400 and 'Width' set to 268, both with 'fx' buttons. The 'Position' section has 'From Top' set to '\$card.top' and 'From Left' set to '\$card.left', both with 'fx' buttons. A 'Window Options' section contains checkboxes for Close, Minimize, Maximize, Dim parent window, Resize, Menu Bar, and Toolbars. At the bottom are 'Cancel' and 'OK' buttons.

Window Style: ✓ Document
Floating Document
Dialog
Card

A window that is modal to its parent window. Its size is based on the parent window by default.

Window Name: fx

Layout: ▼ "card window 1"

Size: fx fx
Height Width

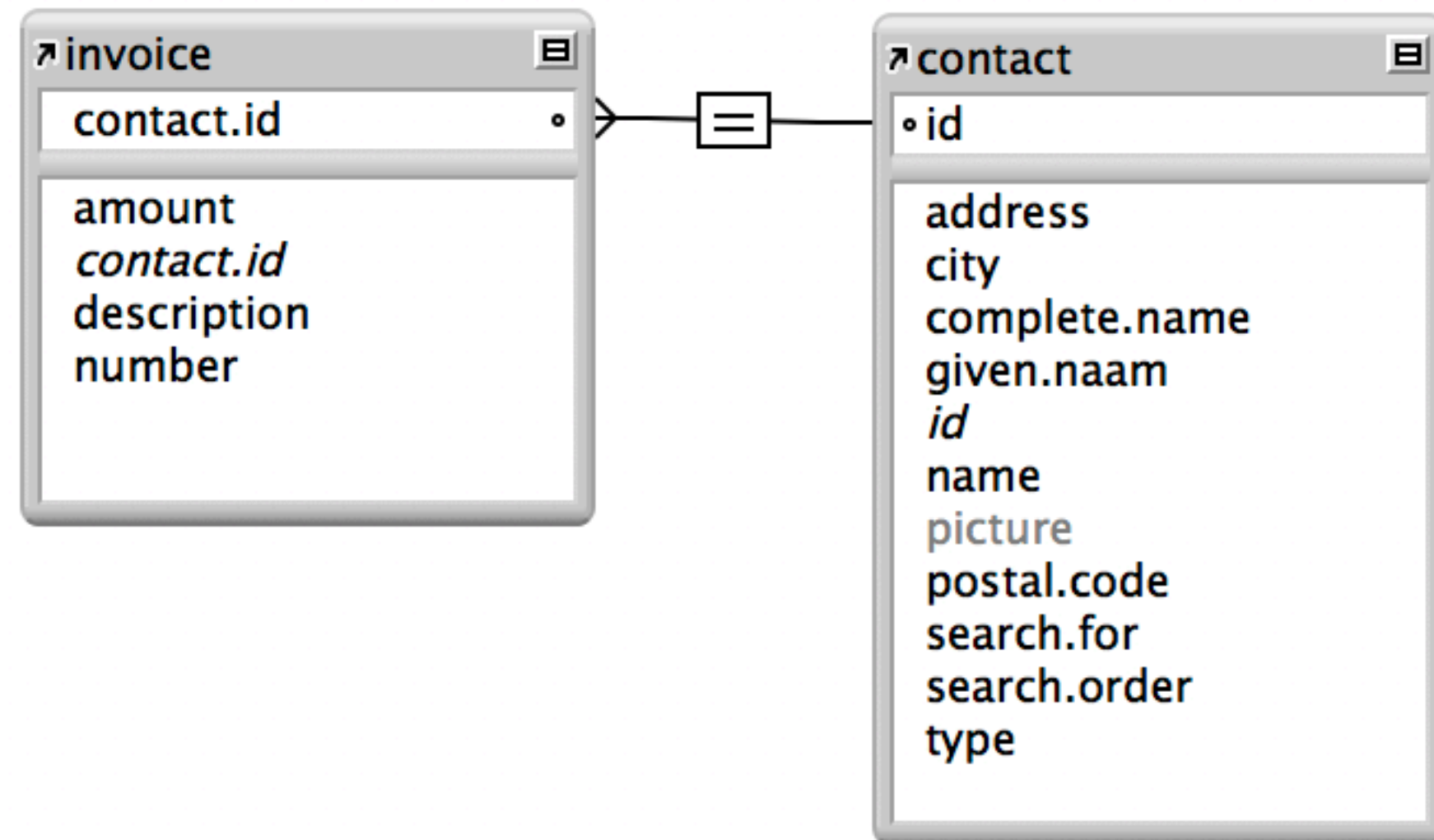
Position: fx fx
From Top From Left

▼ Window Options





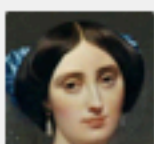


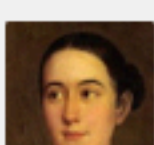
☐ Close ☐ Resize
☐ Minimize ☐ Menu Bar
☐ Maximize ☐ Toolbars
☐ Dim parent window


Cancel OK

Demo



Demo layouts

Value list with card window 4			
Contact list			
given.naam	name	team	
Gersom	Verbruggen	Zeta	
Maarten	Verburg	Mb	
Eva	Verburgh	Psi	
Melanie	Verduyn	Psi	
Janneke	Vergouw	Mb	
Peter	Verhaar	Phi	
Martijn	Verlaan	Psi	
Jochin	Vermeulen	Zeta	

Value list with card window 4	
Contact detail	
id	<input type="text" value="1292"/>
given naam	<input type="text" value="Dave"/>
name	<input type="text" value="Warners"/>
team	<input type="text" value="Wi"/>
address	<input type="text" value="Baanstraat 72 3"/>
postal code	<input type="text" value="2641 GE"/>
city	<input type="text" value="Amstelveen"/>
picture	

Demo layouts

Value list with card window 4

Invoice with valuelist 1

id	<input type="text"/>
name	<input type="text"/>
address	<input type="text"/>
city	<input type="text"/> <input type="text"/>
description	<div>Delivered 200 pizzas</div>
amount	<input type="text" value="€ 600.00"/>

Value list with card window 4

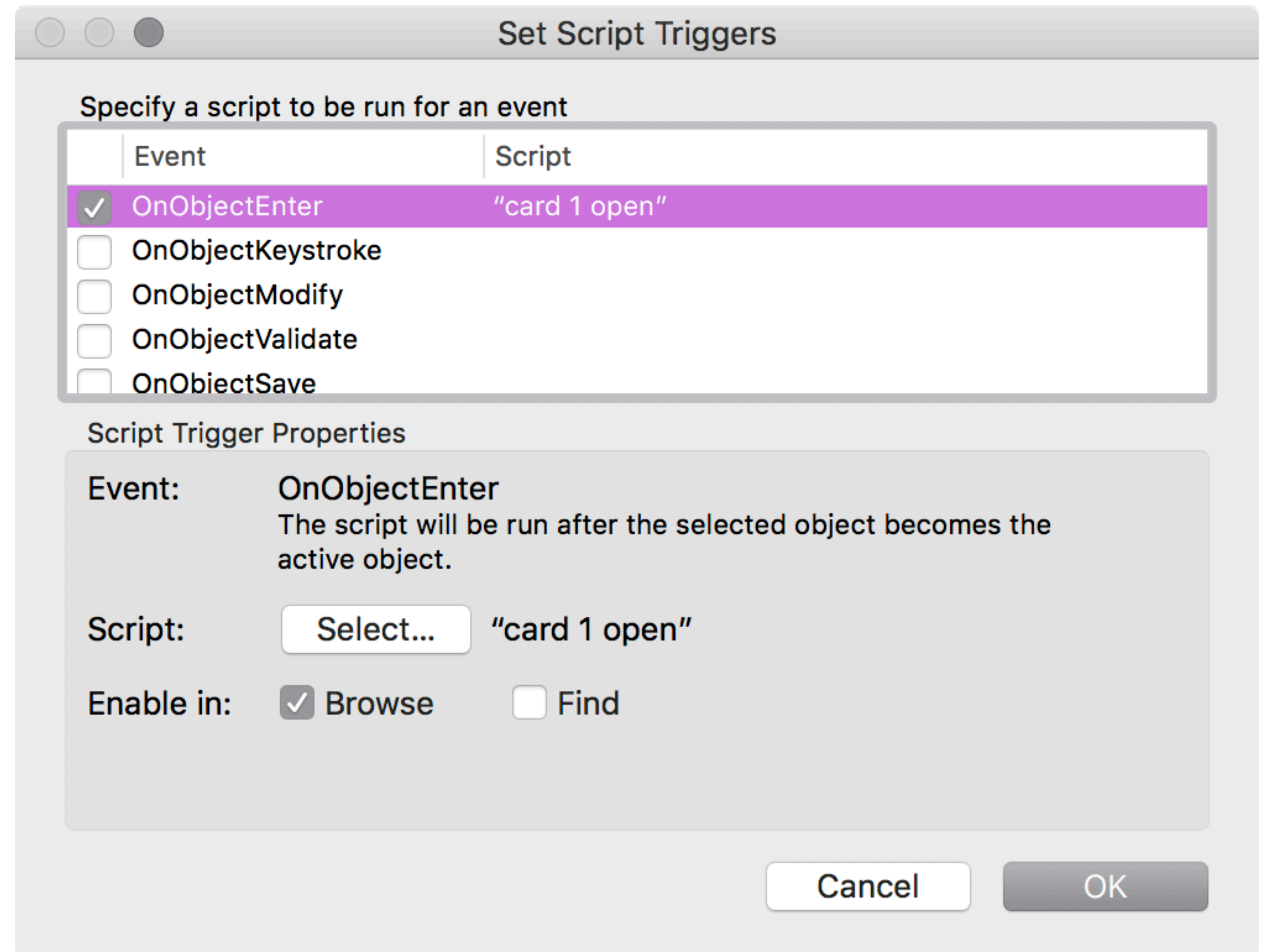
Invoice with valuelist 2

id	<input type="text"/>
name	<input type="text"/>
address	<input type="text"/>
city	<input type="text"/> <input type="text"/>
description	<div>Delivered 200 pizzas</div>
amount	<input type="text" value="€ 600.00"/>

Demo value list 1

Script 'Card 1 open'

- Gebruiker activeert



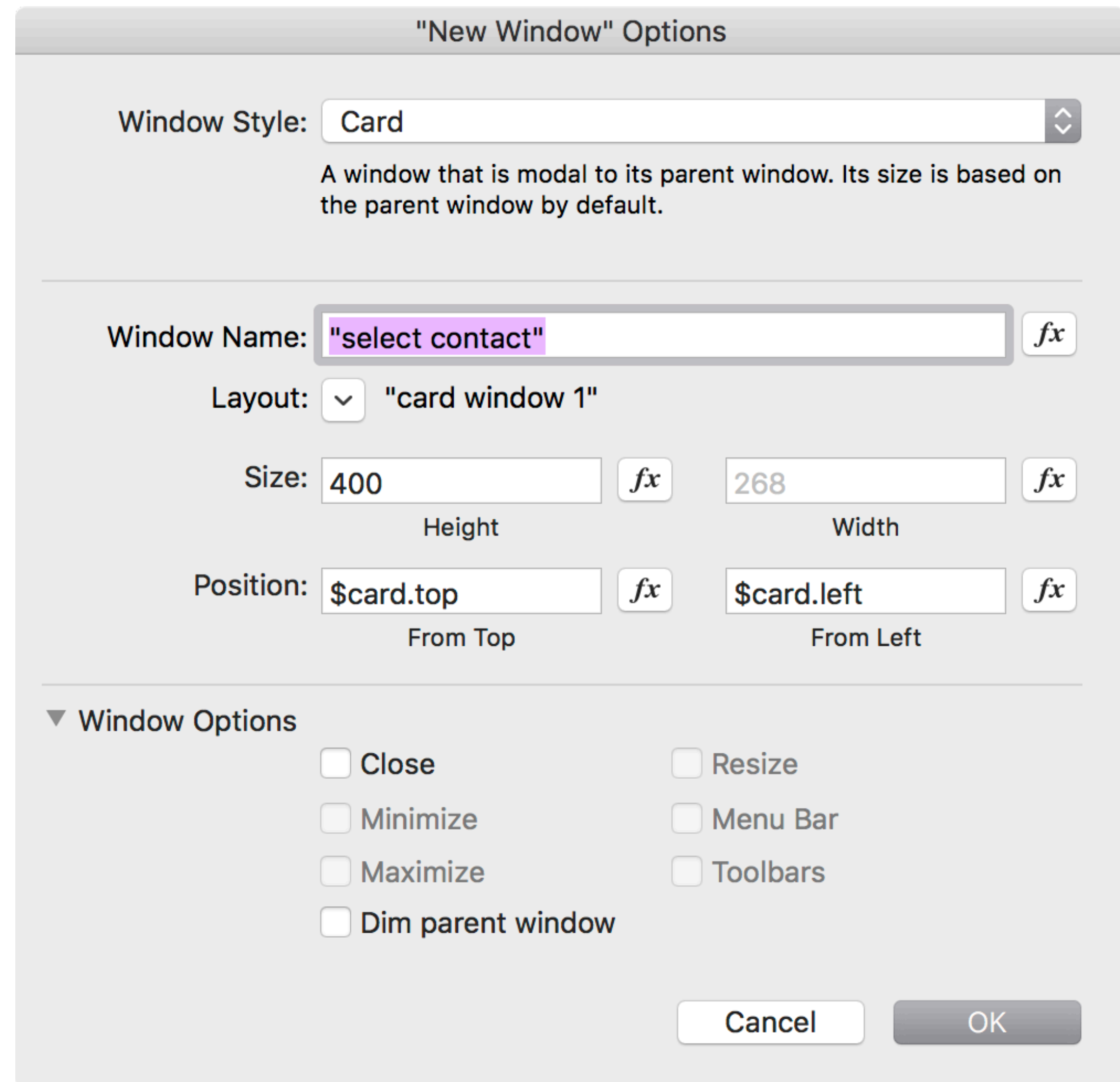
Script 'Card 1 open'

- Zoek op: positie veld
Zoek op: positie window
- Bereken schermpositie
- Open card window

```
1 Set Variable [ $current.land.id ; Value: invoice::contact.id ]
2 Set Variable [ $object.naam ;
  Value: Get ( ActiveLayoutObjectName ) ]
3 Set Variable [ $card.left ; Value: GetLayoutObjectAttribute ( ... ]
4 Set Variable [ $card.top ; Value: GetLayoutObjectAttribute ( ... ]
5 New Window [ Style: Card ; Name: "select contact" ;
  Using layout: "card window 1" (contact) ; Height: 400 ;
  Top: $card.top ; Left: $card.left ] ⚙️
6 Sort Records [ Restore ; With dialog: Off ]
```


Script 'Card 1 open'

- Zoek op: positie veld
Zoek op: positie window
- Bereken schermpositie
- Open card window



The screenshot shows a dialog box titled "New Window" Options. It contains several configuration fields for a new window:

- Window Style:** A dropdown menu set to "Card". Below it, a description reads: "A window that is modal to its parent window. Its size is based on the parent window by default."
- Window Name:** A text field containing "select contact" with a purple highlight. To its right is a button labeled "fx".
- Layout:** A dropdown menu set to "card window 1".
- Size:** Two text fields for dimensions. The first is labeled "Height" and contains "400". The second is labeled "Width" and contains "268". Both fields have "fx" buttons to their right.
- Position:** Two text fields for coordinates. The first is labeled "From Top" and contains "\$card.top". The second is labeled "From Left" and contains "\$card.left". Both fields have "fx" buttons to their right.
- Window Options:** A section with a collapsed arrow icon and several checkboxes:
 - ☐ Close
 - ☐ Minimize
 - ☐ Maximize
 - ☐ Dim parent window
 - ☐ Resize
 - ☐ Menu Bar
 - ☐ Toolbars

At the bottom right, there are two buttons: "Cancel" and "OK".

Script 'Card 1 select'

- Zet de id in een \$selected.id
- Sluit window
- Zet de \$selected.id in factuur-veld

```
1 Set Variable [ $selected.id ; Value: contact::id ]  
2 Close Window [ Current Window ]  
3 Set Field [ invoice::contact.id ; $selected.id ]  
4 Commit Records/Requests [ With dialog: Off ]
```


Onvolkomenheden

- Esc toets werkt niet
- Pijltjestoetsen werken niet
- Selecteer alleen met muis
Geen return of enter
- Eerder geselecteerde id?
- Type ahead

Meer layout mogelijkheden

- Live sorteren
- Summary parts
- Echte searchbox

Demo value list 2

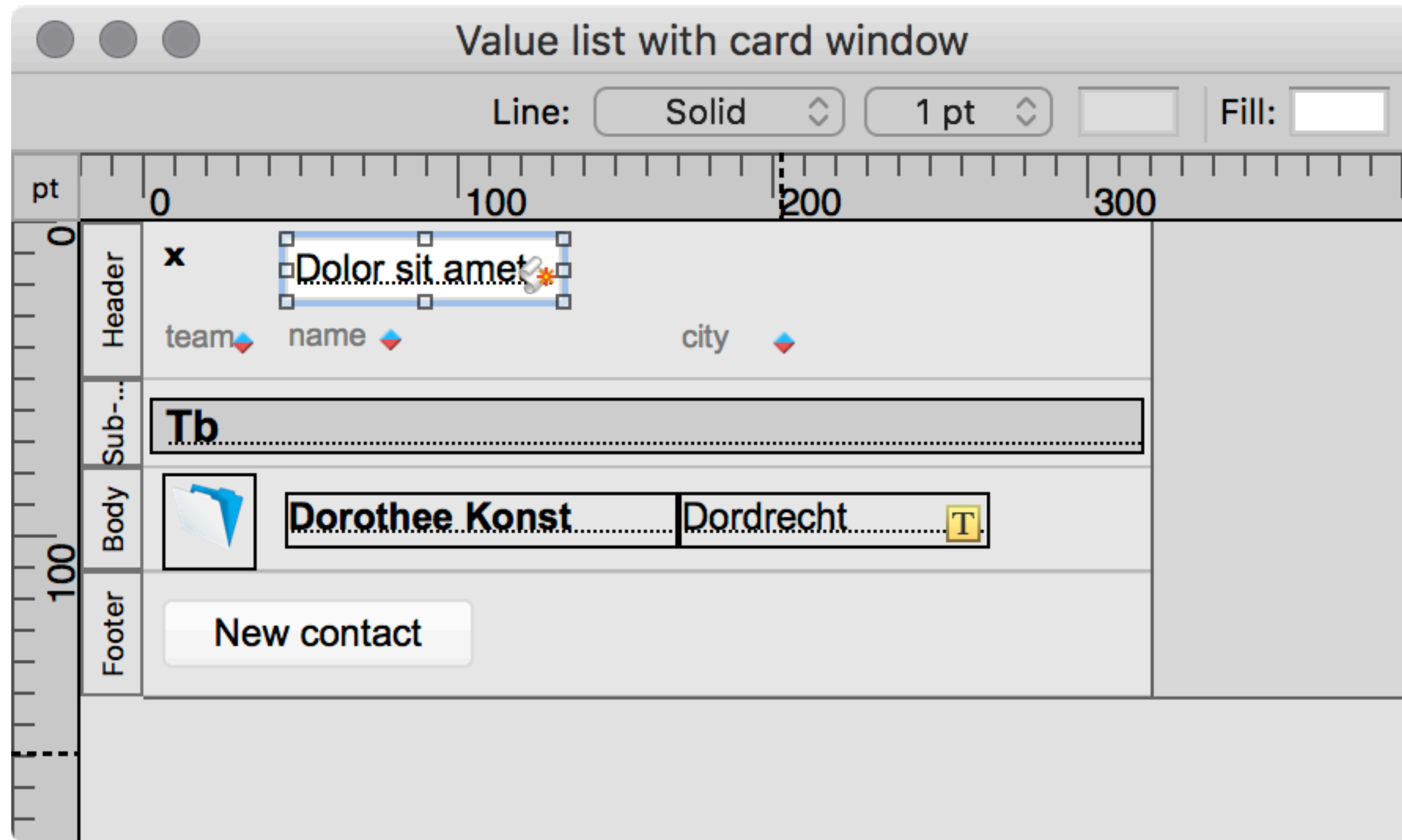
Oplossingen

Eerder geselecteerde id

- Find mode
- Loop

```
6 # if contact.id already has a value, go to that record
7 If [ $current.contact.id ≠ "" ]
8     Go to Record/Request/Page [ First ]
9     Loop
10         Exit Loop If [ contact::id = $current.contact.... ]
11         Go to Record/Request/Page [ Next ; Exit after last:
12             Off ]
13     End Loop
14 End If
15 Perform Script [ "card 2 sort" ; Parameter: "name" ]
16 Go to Field [ Select/perform ; contact::search.for ]
17 Set Field [ contact::search.for ; "" ]
18 Set Variable [ $$search.for ; Value: "" ]
```


Oplossingen



Oplossingen

The image shows a software interface for creating a 'Value list with card window'. The interface includes a header section with a search field containing 'Dolor sit amet', a sub-section with a tab labeled 'Tb', a body section with a card displaying 'Dorothee Konst' and 'Dordrecht', and a footer section with a 'New contact' button. A 'Set Script Triggers' dialog box is open over the interface, allowing configuration of script triggers for an event.

Value list with card window

Line: Solid 1 pt

Header: x Dolor sit amet

team name city

Sub-... Tb

Body: Dorothee Konst Dordrecht

Footer: New contact

Set Script Triggers

Specify a script to be run for an event

Event	Script
<input type="checkbox"/> OnObjectEnter	
<input checked="" type="checkbox"/> OnObjectKeystroke	"card 2 search field proces keystroke"
<input checked="" type="checkbox"/> OnObjectModify	"card 2 search field modify trigger"
<input type="checkbox"/> OnObjectValidate	
<input type="checkbox"/> OnObjectSave	

Script Trigger Properties

Event: OnObjectExit
The script will be run when an attempt is made to exit the active selected object.

Script: Select...

Enable in: ☒ Browse ☐ Find

Result: If the script returns true, the original event proceeds normally, otherwise the event is canceled.

Cancel OK

Oplossingen

Modify trigger script

- Bewaar cursor positie
- Zoek in Find mode
- Herstel cursor positie

```
5 Set Error Capture [ On ]  
6 Perform Script [ "card 2 search field cursor save" ]  
7 Perform Script [ "card 2 search" ;  
  Parameter: contact::search.for ]  
8 Set Variable [ $fout ; Value: Get ( GetLastError ) ]
```

Oplossingen

Keystroke trigger script

Reageer op:

- escape key
→ close window
- return of enter key
→ select record script
- control arrow up/down key
→ go to next record

```
5 Set Error Capture [ On ]
6 Set Variable [ $CharacterCode ;
  Value: Code ( Get ( TriggerKeystroke ) ) ]
7 If [ $CharacterCode = 27 ]
8     # escape key
9     Close Window [ Current Window ]
10 Else If [ $CharacterCode = 9 or $CharacterCode = 10 or... ]
11     # enter or return key
12     Perform Script [ "card 2 select" ]
13 Else If [ $CharacterCode = 29 ]
14     # arrow up key
15     Go to Record/Request/Page [ Previous ; Exit after last:
      Off ]
16 Else If [ $CharacterCode = 31 and Get ( TriggerModifie... ]
17     # arrow down key
18     Go to Record/Request/Page [ Next ; Exit after last: Off ]
19 End If
```


Extra verrassing

```
5 Set Error Capture [ On ]
6 Set Variable [ $CharCode ;
  Value: Code ( Get ( TriggerKeystroke ) ) ]
7 If [ $CharCode = 27 ]
8   # escape key
9   Close Window [ Current Window ]
10 Else If [ $CharCode = 9 or $CharCode = 10 or... ]
11   # enter or return key
12   Perform Script [ "card 2 select" ]
13 Else If [ $CharCode = 29 ]
14   # arrow up key
15   Go to Record/Request/Page [ Previous ; Exit after last:
    Off ]
16 Else If [ $CharCode = 31 and Get ( TriggerModifie... ]
17   # arrow down key
18   Go to Record/Request/Page [ Next ; Exit after last: Off ]
19 End If
```

Recap

Value list met:

- **Alles van valuelist**
- **Alle mogelijkheden van echte layout:**
Plaatjes, opmaak, tooltips etc.
Sorteren, summary parts
- **Extra:**
Type ahead earch box
Nieuw record

Q&A