

MBS FileMaker Plugin Goodies

von Christian Schmitz

MBS FileMaker Plugin

- In Development since 2006
- Over 4200 functions and over 400 example databases
- One Plugin file
- Linux, Mac OS X & Windows
- FileMaker Pro, Advanced, Server, Cloud, CWP, Web Direct & Runtime
- iOS via FileMaker SDK next year

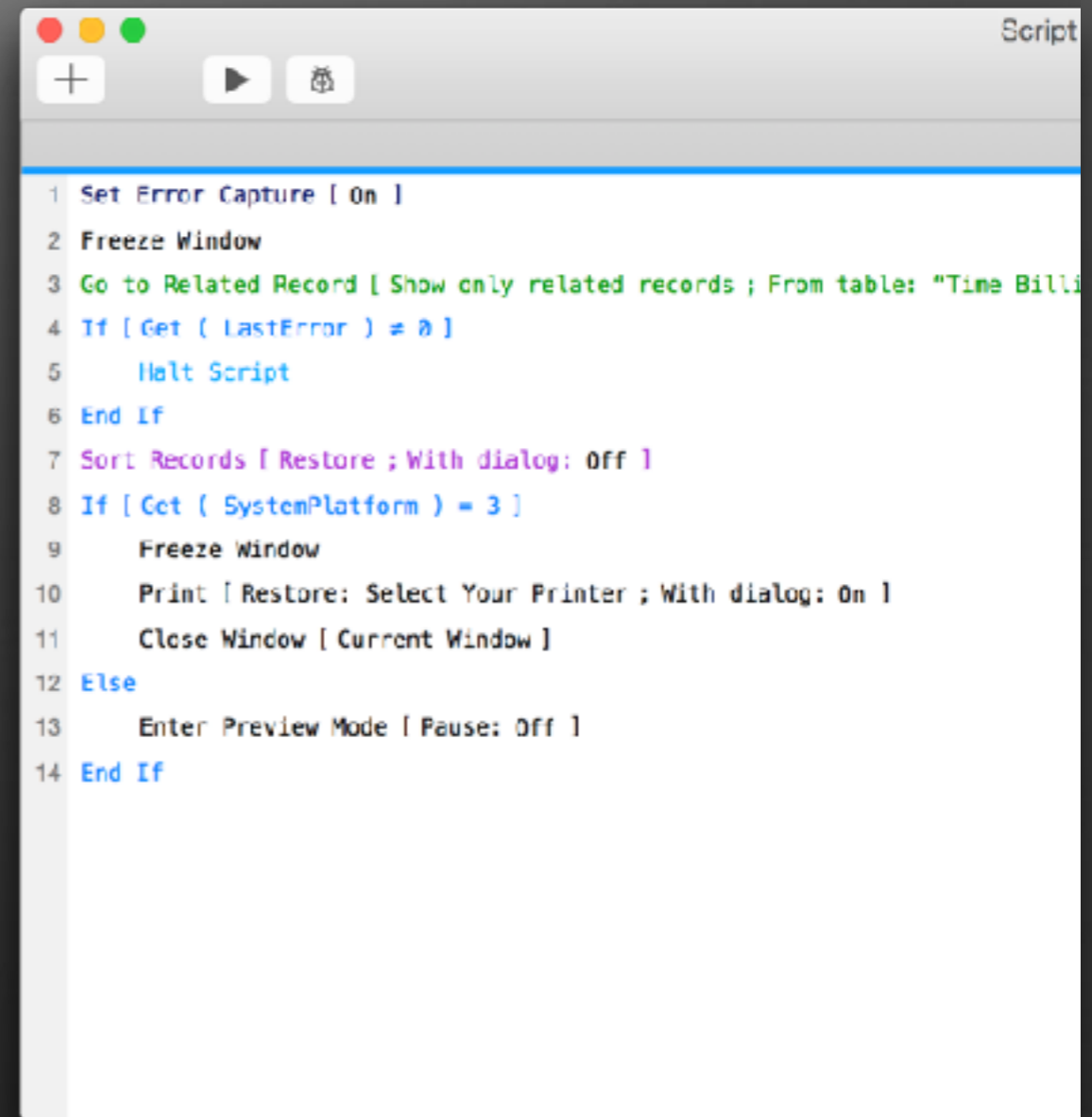
Goodies

- Free features
- No license required
- extends Script Workspace for Mac
- All optional and can be configured/disabled.

Syntax Highlighting

Syntax Highlighting

- Rule based & configurable syntax highlighting
- Developed since 2012
- for FileMaker 11 to 15.
- Use fmSyntaxColorizer database to customize rules (included in examples)
- Mac only



The screenshot shows a FileMaker script window titled "Script" with a standard macOS window header (red, yellow, green buttons, a plus sign, a play button, and a refresh button). The script content is as follows:

```
1 Set Error Capture [ On ]
2 Freeze Window
3 Go to Related Record [ Show only related records ; From table: "Time Billi
4 If [ Get ( LastError ) ≠ 0 ]
5     Halt Script
6 End If
7 Sort Records [ Restore ; With dialog: Off ]
8 If [ Get ( SystemPlatform ) = 3 ]
9     Freeze Window
10    Print [ Restore: Select Your Printer ; With dialog: On ]
11    Close Window [ Current Window ]
12 Else
13    Enter Preview Mode [ Pause: Off ]
14 End If
```

fmSyntaxColorizer 0.9v168
See what you meant!

fmSyntaxColorizer from mrwatzsch.de...

- Increases your productivity - and joy - with a single click! (for ever! You never need to open fmSyntaxColorizer again.)
- Highlights undefined variables (but only if you turn it ON)
- Makes managing your SyntaxColoring awesomely easy:
- ... switch color palettes, or create & share your own!
- ... tweak colors using color pickers, copy-paste or drag-drop!
- ... customize the syntax-list to colorize your own keywords!
- Above all fmSyntaxColorizer works in your own language!

To get started just press **[Colorize!]** below. [\[more\]](#)

Syntax 2

Colors 3

Examples 4

Colorize! ← just one click!

MBS Plugin 6.5.0.08

The MBS Plugin from Monkeybread Software ...makes all this cool stuff possible! - for FREE!

MBS Plugin Check your MBS Plugin version here.

Pimp my FileMaker...

Disable SyntaxColoring SyntaxColoring is turned ON

Disable Line Numbers Line Numbers are turned ON

Disable VariableChecking Variable Checking is turned ON

SyntaxColoring Information List the defined keywords & colors.

Reset SyntaxColoring Reset the colors to factory defaults/off.

Info

MBS Plugin Version: 6.5.0.08
Hooray, your version of the MBS Plugin supports SyntaxColoring, LineNumbers and VariableChecking!
MBS Registration Status: Registered.
SyntaxColoring is turned ON
Line Numbers are turned ON
Variable Checking is turned ON
To get started click the **[Colorize!]** button - or simply press **⌘5**

† SyntaxColoring works only on Macintosh - Sorry Windows users, it's just the way it is

‡ Multilingual SyntaxColoring is built in for most script steps

This is Script Coloring and Formula Coloring

Scriptname: **A typical script**

```

1 * #This is an example typical script which you c
2 * #
3 * AnwenderAbbruchZulassen setzen [Aus]
4 * Fehleraufzeichnung setzen
5 * #
6 * Wenn [NICHT _Palette::_ID]
7 *   Eigenes Dialogfeld anzeigen [Hole( ScriptName
8 *   Aktuelles Script verlassen []
9 * #-->
10 * Ende (wenn)
11 * #
12 * #FIXME: This broke after restructuring
13 * Script ausführen [<Unbekannt> Aus Datei: "" (Da
14 * #
15 * #Inputs
16 * Variable setzen [$blackening; Wert:_is
17 * Variable setzen [$NumberOfColors; Wert:Anzahl(
18 * #
19 * Gehe zu Layout ["Palettes" _Pr
20 * Feldwert setzen [_Palette::_gl
21 * #
22 * #Duplicate with increased
23 * Datensatz/Abfrage dupliziere
24 * Schleife (Anfang)
25 *   Variable setzen [$; Wert:$ + 1]
26 *   Feldwert setzen [_Palette::PaletteName; Falls( C
27 *   Schreibe Änderung Datens./Abfrage [Ohne Dia
28 *   Verlasse Schleife wenn [Anzahl( Palette.Palette_
29 *   Schleife (Ende)
30 * #

```

Works in all FM-languages!

Never miss another bug!

NEW - now you can see undefined variables in an instant!

NEW - line numbers now in the color of your choice!

fmSyntaxColorizer

fmSyntaxColorizer

www.mnietron.de

fmSyntaxColorizer Syntax
See what you meant!

Sort Selector * Basic syntax (English) Command in English GUI Color Add MBS-Command-Results Curr. Color

Sort Selector	Basic syntax (English)	Command in English GUI	Color	Add MBS-Command-Results	Curr. Color
04 ScriptStep	Save Records as Excel	Save Records as Excel	13 User Interaction	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#990000
105 ScriptStep	Save Records as Excel [No	Save Records as Excel [No	05 Records	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
106 ScriptStep	Save Records as PDF	Save Records as PDF	13 User Interaction	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#990000
107 ScriptStep	Save Records as PDF [No	Save Records as PDF [No	05 Records	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
108 ScriptStep	Save Records as Snapshot Link	Save Records as Snapshot Link	05 Records	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
09 ScriptStep	#Found sets	#Found Sets	-None-	<input type="checkbox"/>	
110 ScriptStep	Perform Find	Perform Find	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
111 ScriptStep	Perform Quick Find	Perform Quick Find	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
112 ScriptStep	Constrain Found Set	Constrain Found Set	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
113 ScriptStep	Extend Found Set	Extend Found Set	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
114 ScriptStep	Modify Last Find	Modify Last Find	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
115 ScriptStep	Show All Records	Show All Records	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
116 ScriptStep	Show Omitted Only	Show Omitted Only	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
117 ScriptStep	Omit Record	Omit Record	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
118 ScriptStep	Omit Multiple Records	Omit Multiple Records	13 User Interaction	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#990000
119 ScriptStep	Omit Multiple Records [No	Omit Multiple Records [No	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
120 ScriptStep	Sort Records	Sort Records	13 User Interaction	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#990000
121 ScriptStep	Sort Records [No	Sort Records [No	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
122 ScriptStep	Sort Records [Reverse; No	Sort Records [Reverse; No	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
123 ScriptStep	Sort Records by Field	Sort Records by Field	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
124 ScriptStep	Unsort Records	Unsort Records	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
125 ScriptStep	Find Matching Records	Find Matching Records	05 Found Sets	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
126 ScriptStep	#Windows	#Windows	-None-	<input type="checkbox"/>	
127 ScriptStep	New Window	New Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
128 ScriptStep	Select Window	Select Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
129 ScriptStep	Close Window	Close Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
130 ScriptStep	Adjust Window	Adjust Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
131 ScriptStep	Move/Resize Window	Move/Resize Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
132 ScriptStep	Arrange All Windows	Arrange All Windows	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
133 ScriptStep	Freeze Window	Freeze Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
134 ScriptStep	Refresh Window	Refresh Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
135 ScriptStep	Scroll Window	Scroll Window	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
136 ScriptStep	Show/Hide Status Area	Show/Hide Status Area	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000
137 ScriptStep	Show/Hide Menubar	Show/Hide Menubar	07 Windows	<input checked="" type="checkbox"/> 00:50:15 Added: English OK	#000000

Search: +[ALT] = Filter

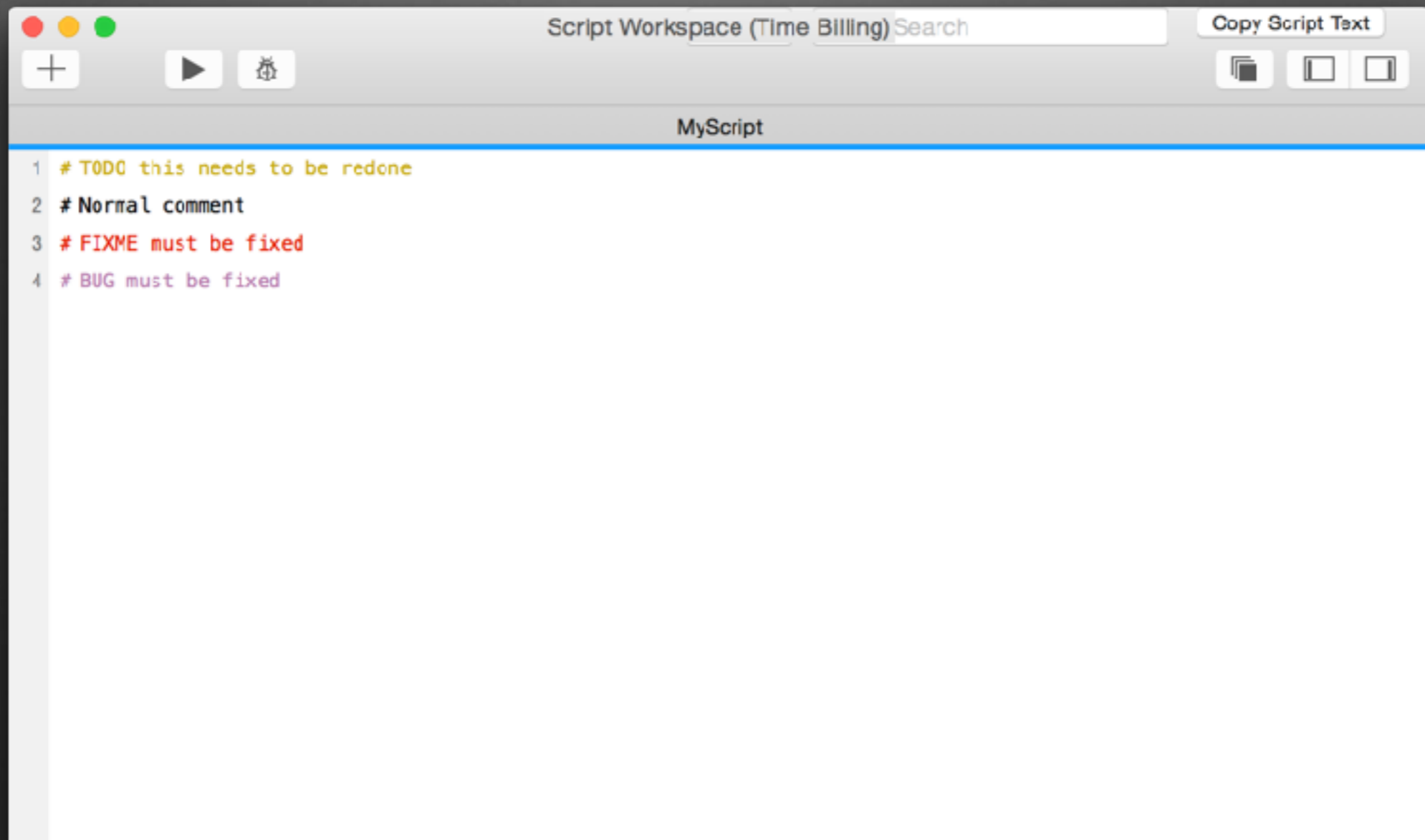
Scriptstep-Tags: Commands *Keywords*

Formula-Tags: Symbols Functions Variables

100 Browse

Right click to select the text color / copy-&-paste / drag-&-drop. (If no color exists yet first type anything into the color field)

Change existing rules, add your own rules.



The screenshot shows a window titled "Script Workspace (Time Billing) Search" with a "Copy Script Text" button. The window contains a script editor with the following content:

```
1 # TODO this needs to be redone
2 # Normal comment
3 # FIXME must be fixed
4 # BUG must be fixed
```

Comments with Color Tag

Define your own prefixes with special colors.


```
1 Perform Script [ "Print Time Billing" ]
2 Perform Script [ <unknown> ]
3 Perform Script on Server [ Wait for completion ; "MyScript" ]
4 Perform Script on Server [ Wait for completion ; <unknown> ]
5 Set Field [ Customers::Phone 1 ]
6 Set Field [ Customers::<Field Missing> ]
7 Set Field [ test::<Table Missing> ]
```

Highlights Errors

Default rules highlight missing fields, tables, scripts and more.

The screenshot shows a script workspace titled "Script Workspace (Time Billing)". The script contains the following code:

```
1 Set Variable [ $test ]
2 Set Variable [ $a ; Value: $test ]
3 # user is not defined:
4 Set Variable [ $a ; Value: $user ]
5 # doesn't look in text parameters
6 Set Variable [ $b ; Value: Evaluate("$test") ]
7 If [ $cost > $price ]
8 End If
```

Two error messages are displayed in red text next to lines 4 and 7:

- Line 4: **\$user not found!**
- Line 7: **\$cost not found!**

A notification window is open in the top right corner with the following text:

Undefined variable cost
In line 7
if [\$cost > \$price]

The notification window has a "Schließen" (Close) button.

The script workspace interface includes a toolbar with a plus sign, a play button, and a bug icon. The right sidebar shows a "Steps" panel with a search bar and a list of script steps under "Favorites" and "Control".

Finds Undefined Variables

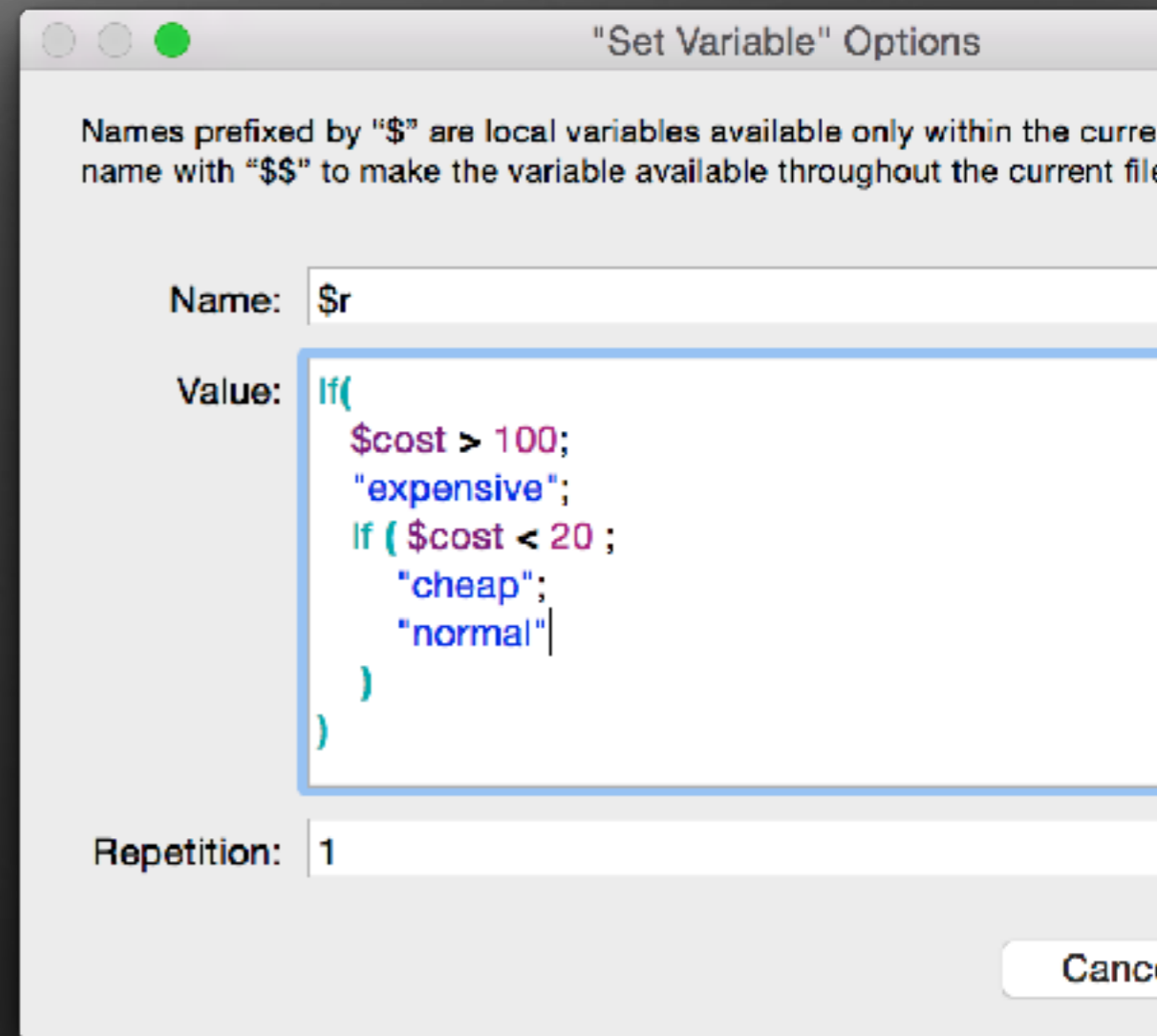
Helps to find typos in variable names and logic errors.
Notification shown if enabled.

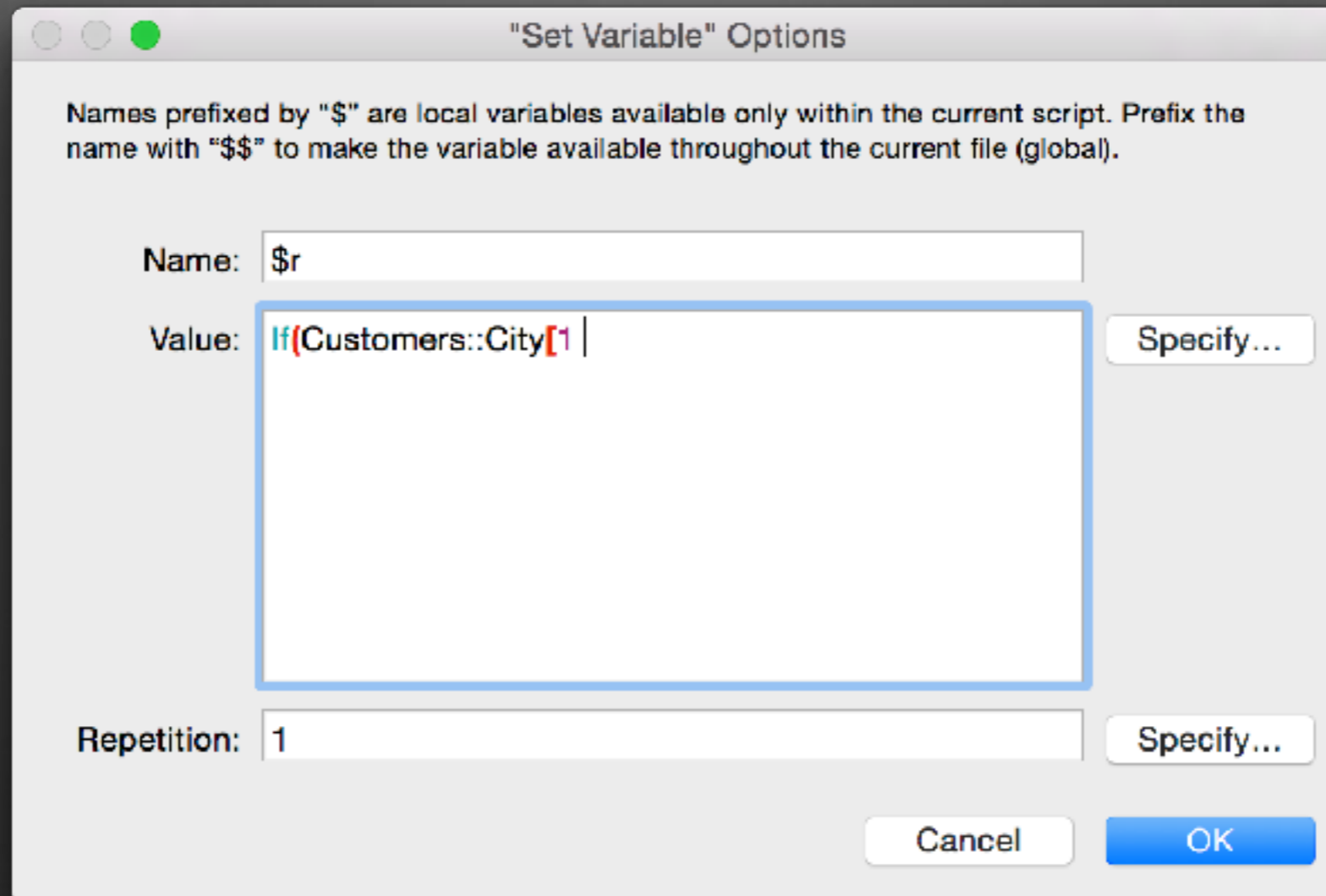
Calculation Dialog

Calculation Dialog

- Highlights formulas
- Based on rules
- Functions, Variables, Strings, Numbers, Operators.
- Shows bracket errors.
- Define your own color for special variables:

\$\$Something vs. **\$\$UserID**





Highlights wrong brackets

() and [] are red if errors.

If/Loop Blocks

If/Loop Blocks

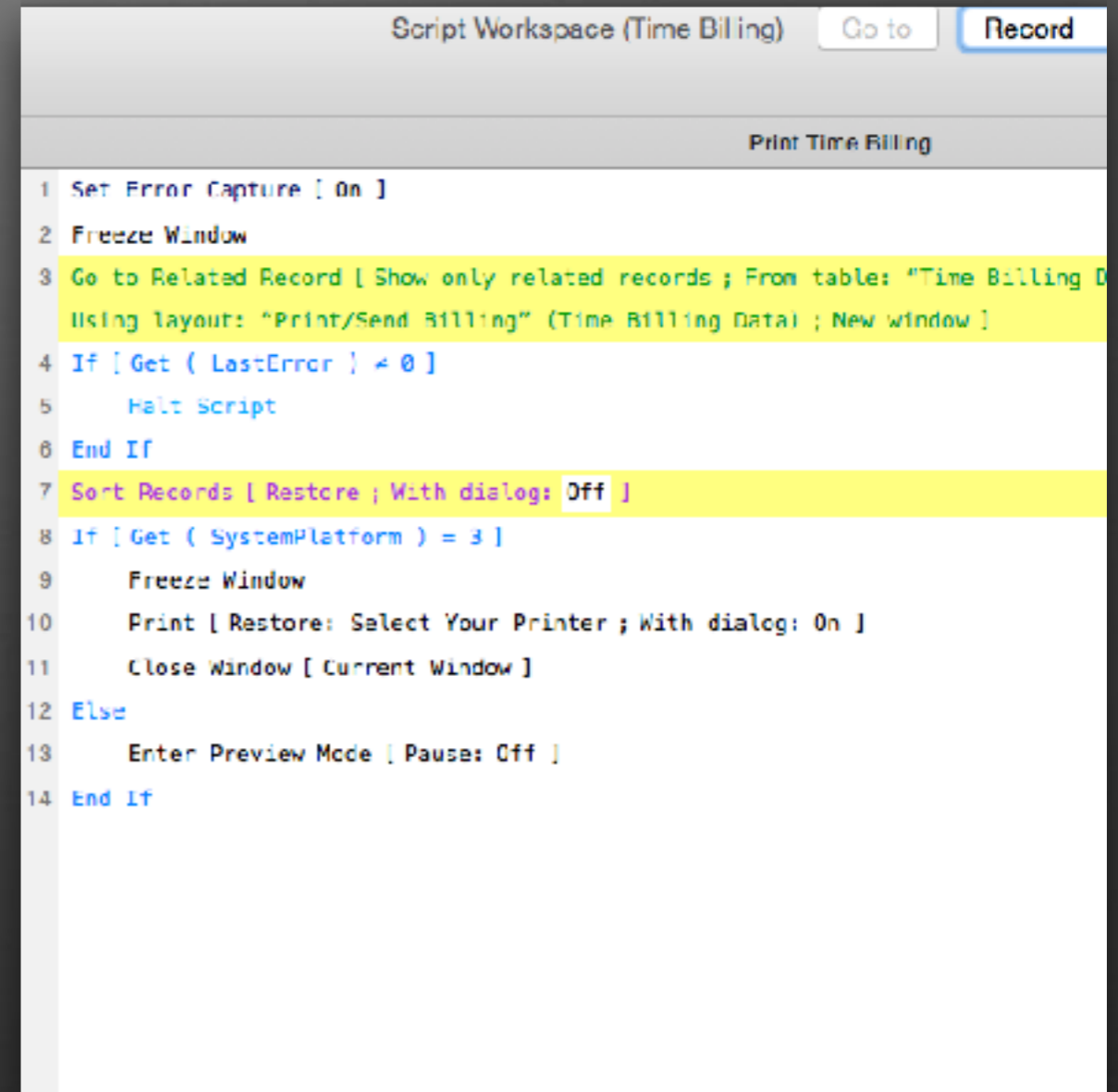
- Shows other parts of same blocks.
- Colors configurable

```
New Script
1 Set Variable [ ]
2 If [ ] fx
3   Set Variable [ ]
4 Else If [ ]
5   Set Variable [ ]
6   If [ ]
7     Set Variable [ ]
8   Else If [ ]
9     Set Variable [ ]
10  End If
11  Set Variable [ ]
12  Loop
13    Set Variable [ ]
14    Exit Loop If [ ]
15    Set Variable [ ]
16  End Loop
17  Set Variable [ ]
18 End If
19 Set Variable [ ]
20 Loop
21   Set Variable [ ]
```

Script Search

Script Search

- Search current script
- Configure highlight color (default yellow)
- Type search text once and scroll / navigate through scripts to see matches



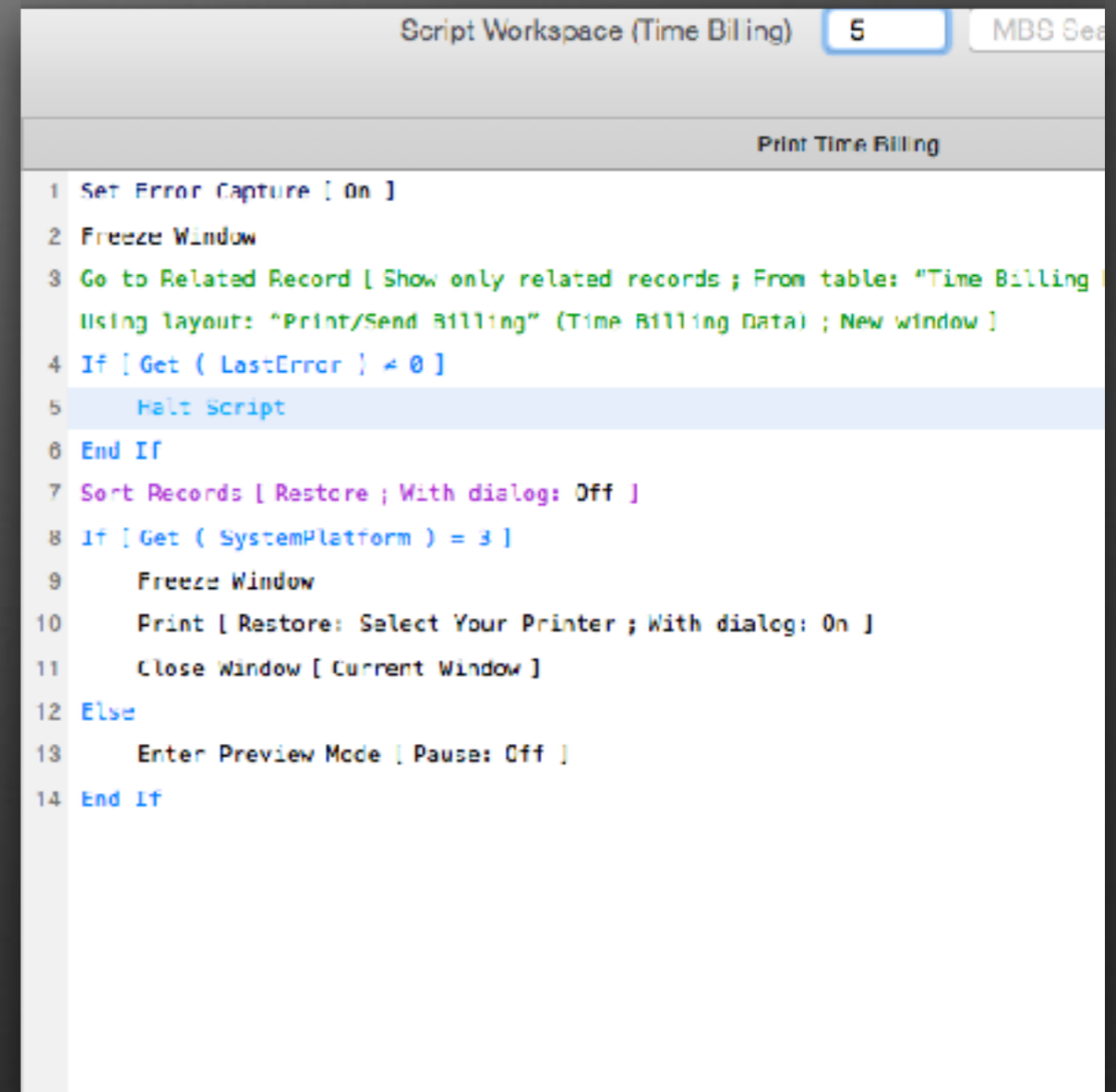
The screenshot shows a 'Script Workspace (Time Billing)' window with a 'Record' button. The script content is as follows:

```
1 Set Error Capture [ On ]
2 Freeze Window
3 Go to Related Record [ Show only related records ; From table: "Time Billing D
  Using layout: "Print/Send Billing" (Time Billing Data) ; New window ]
4 If [ Get ( LastError ) ≠ 0 ]
5     Halt Script
6 End If
7 Sort Records [ Restore ; With dialog: Off ]
8 If [ Get ( SystemPlatform ) = 3 ]
9     Freeze Window
10    Print [ Restore: Select Your Printer ; With dialog: On ]
11    Close Window [ Current Window ]
12 Else
13    Enter Preview Mode [ Pause: Off ]
14 End If
```

Lines 3, 7, and 8 are highlighted in yellow, indicating search results.

Go To

- Go To Line Number Field
- Type number & press return
- Plugin provides line numbers for FileMaker 11 to 13.

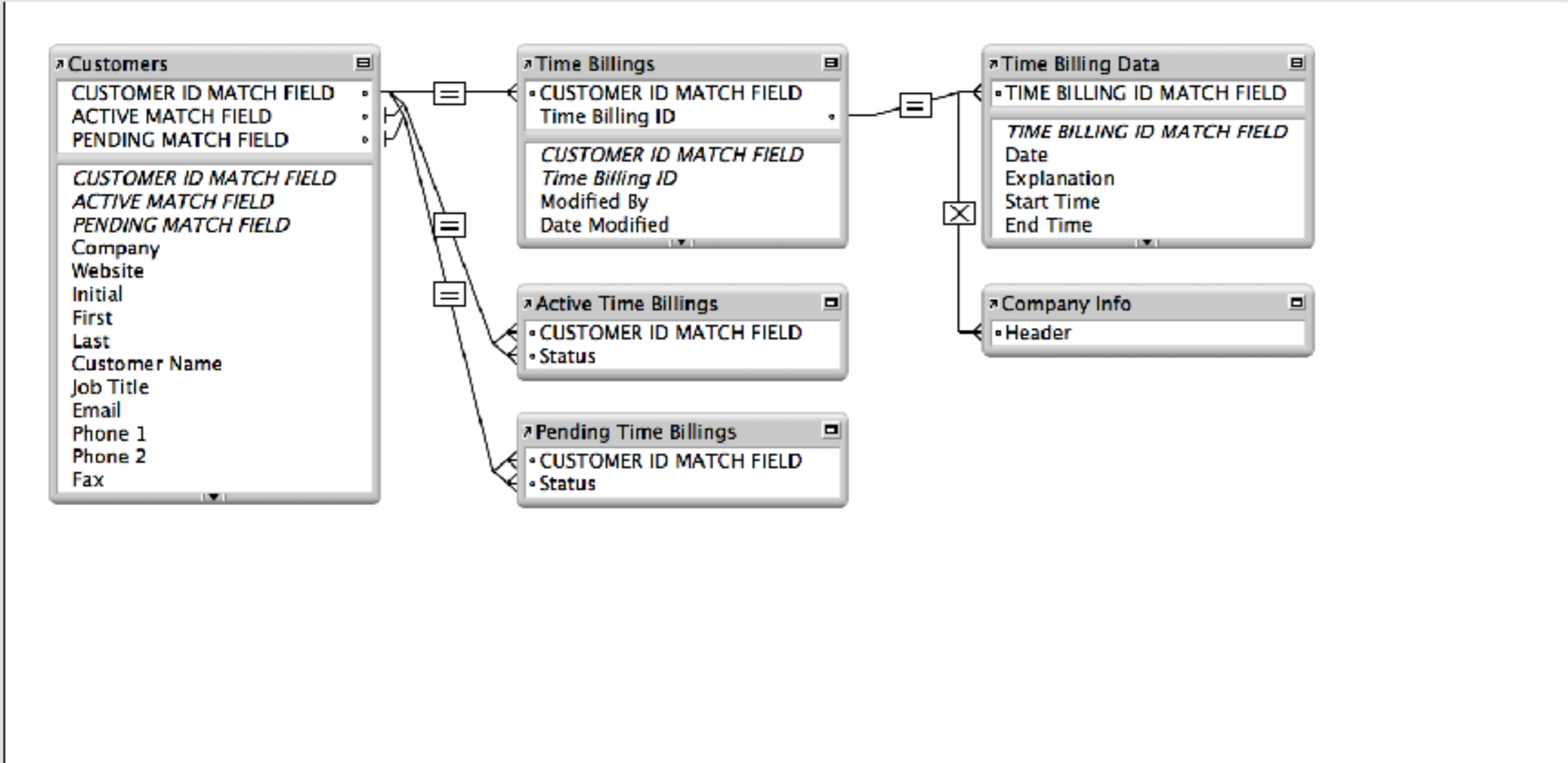


The screenshot shows a FileMaker script workspace titled "Script Workspace (Time Billing)". A search field contains the number "5" and "MBS Search" is visible to the right. The script name is "Print Time Billing". The script steps are as follows:

```
1 Set Error Capture [ On ]
2 Freeze Window
3 Go to Related Record [ Show only related records ; From table: "Time Billing Data" ; Using layout: "Print/Send Billing" (Time Billing Data) ; New window ]
4 If [ Get ( LastError ) ≠ 0 ]
5   Halt Script
6 End If
7 Sort Records [ Restore ; With dialog: Off ]
8 If [ Get ( SystemPlatform ) = 3 ]
9   Freeze Window
10  Print [ Restore: Select Your Printer ; With dialog: On ]
11  Close Window [ Current Window ]
12 Else
13   Enter Preview Mode [ Pause: Off ]
14 End If
```

Relationship Graph Search

The relationships graph provides access to data in one table from another. If a relationship is defined between two tables (even through another table), fields from one table can be accessed from the other.

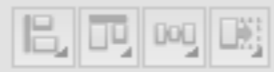


Tables / Relationships

Arrange

Tools

Pages



MBS Search



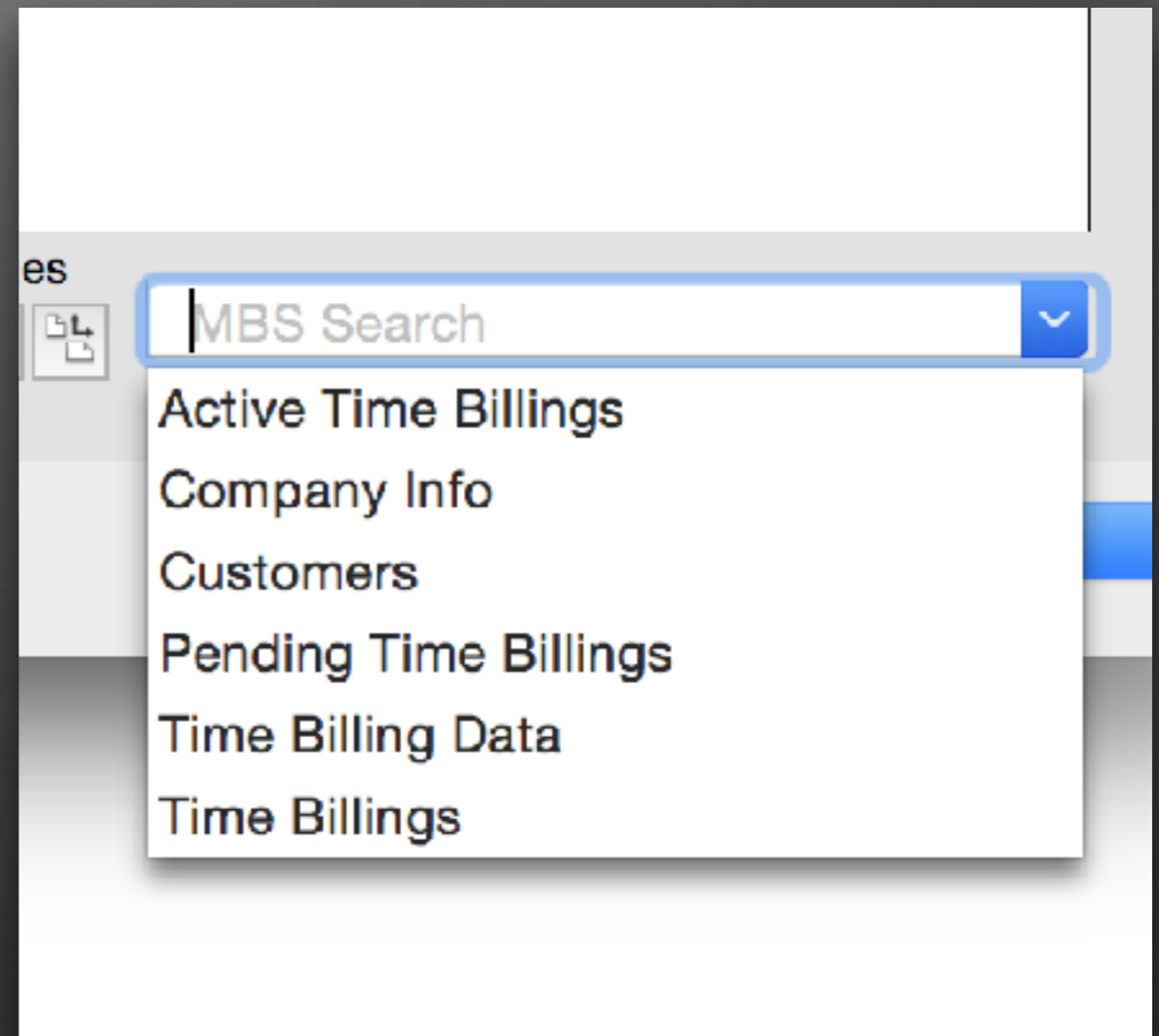
Print...

Cancel

OK

Relationship Graph Search

- Search the relationship graph
- Drop down with all names
- Auto completes
- Suggestions in dropdown matching input
- Press return to select
- Click in menu to select



Contextual Menu

Contextual Menu

- Contextual Menu for Script Workspace
- Copy Text of table control
 - e.g. copy list of fields
- Enable/Disable Steps
- Cut/Copy/Paste/Select All

```
ords ; From table: "Time Billing Data" ;  
lling Data) ; New window ]
```

MBS Context Menu	
Copy Table Content	
Enable/Disable	⌘/
Cut	⌘X
Copy	⌘C
Paste	⌘V
Clear	
Select All	⌘A

with dialog:

Manage Database for "Time Billing"

Tables Fields Relationships

Table: Customers 34 fields

View by: custom order

Field Name	Type	Options / Comments (Click to toggle)
✦ CUSTOMER ID MATCH FIELD	Number	Indexed, Auto-enter Serial
✦ ACTIVE MATCH FIELD	Text	Global, Auto-enter Data
✦ PENDING MATCH FIELD	Text	Global, Auto-enter Data
✦ Company	Text	Indexed, Auto-enter Calculation replaces existing value
✦ Website		
✦ Initial		d, = Upper (Case (Sort Selection = "Company"...
✦ First		
✦ Last		
✦ Customer Name		, = Case (IsEmpty (First & Last) ; Company ; IsEmpty (First) ; Last ;...
✦ Job Title		
✦ Email		
✦ Phone 1		
✦ Phone 2		
✦ Fax		
✦ Address 1	Text	Indexed
✦ Address 2	Text	Indexed
✦ City	Text	Indexed
✦ State	Text	Indexed

MBS Context Menu

- Copy Table Content
- Enable/Disable ⌘/
- Cut ⌘X
- Copy ⌘C
- Paste ⌘V
- Clear
- Select All ⌘A

Field Name: Website Type: Text Options...

Comment:

Create Change Duplicate Delete Copy Paste

? Print... Cancel OK

CUSTOMER ID MATCH FIELD	Number	Indexed, Auto-enter Serial
ACTIVE MATCH FIELD	Text	Global, Auto-enter Data
PENDING MATCH FIELD	Text	Global, Auto-enter Data
Company	Text	Indexed, Auto-enter Calculation replaces existing value
Website	Text	Indexed
Initial	Calculation	Unstored, = Upper ()
First	Text	Indexed
Last	Text	Indexed
Customer Name IsEmpty (Last) ; First ;	Calculation	Indexed, = Case (First & " " & Last)
Job Title	Text	Indexed
Email	Text	Indexed
Phone 1	Text	Indexed
Phone 2	Text	Indexed
Fax	Text	Indexed
Address 1	Text	Indexed
Address 2	Text	Indexed
City	Text	Indexed
State	Text	Indexed
Postal Code	Text	Indexed
Country	Text	Indexed
Address Short	Calculation	Indexed, = Customers::City & ", " & Customers::State & " " & Customers::Postal Code & "
Notes	Text	Indexed
Contact Time Frame	Text	Indexed
Time Billing Number All	Calculation	Unstored, = Count (Time Billings::Time Billing ID)
Time Billing Number Active	Calculation	Unstored, = Count (Active Time Billings::Time Billing ID)
Time Billing Number Pending	Calculation	Unstored, = Count (Pending Time Billings::Time Billing ID)
Time Billing Total Active	Calculation	Unstored, = If (Time Billing Number Active)
Time Billing Total Pending	Calculation	Unstored, = If (Time Billing Number Pending)
Time Billing Label Plural	Calculation	Unstored, = If (Time Billing Number All = 1 ; "Time Billing" ; "Time Billings")
Result Label Plural	Calculation	Unstored, = If (Get (FoundCount) = 1 ; "Result" ; "Results")
Layout Selector	Text	Global
Sort Selection	Text	Global, Auto-enter Calculation replaces existing value
Sort List Key	Calculation	Unstored, = GetField (Sort Selection)
QuickFind	Text	Global



Call Script

```
1 Perform Script [ "Other Script" ]
2 // Perform Script [ "MyScript" ]
3 Perform Script on Server [ Wait for ... ]
4 // Perform Script on Server [ Wait for ... ]
```

MBS Context Menu
Copy Table Content

Enable/Disable ⌘/

Open Script: "Other Script"

Cut ⌘X

Copy ⌘C

Paste ⌘V

Clear

Select All ⌘A

Steps

▼ Favorites

(comment)

If

Set Field

Set Variable

Show Custom Dia

▼ Control

Perform Script

Perform Script on

Pause/Resume Sc

Exit Script

Halt Script

If

Else If

Else

End If

Loop

Description

Performs a script on the
hosting the current file.



Call Script

```
1 Perform Script [ "Other Script" ]
2 // Perform Script [ "MyScript" ]
3 Perform Script on Server [ Wait for
4 // Perform Script on Server [ Wait
```

MBS Context Menu
Copy Table Content

Enable/Disable ⌘/

Open Script: "MyScript"

Cut ⌘X

Copy ⌘C

Paste ⌘V

Clear

Select All ⌘A

Steps

▼ Favorites

(comment)

If

Set Field

Set Variable

Show Custom Dia

▼ Control

Perform Script

Perform Script on

Pause/Resume Sc

Exit Script

Halt Script

If

Else If

Else

End If

Loop

Description

Performs a script on the
hosting the current file.



Call Script

```
1 Perform Script [ "Other Script" ]
2 // Perform Script [ "MyScript" ]
3 Perform Script on Server [ Wait for completion ; "Test" ]
4 // Perform Script on Server [ Wait for completion ; "Other Script" ]
```

MBS Context Menu
Copy Table Content

Enable/Disable ⌘/

Open Script: "Test"

Cut ⌘X

Copy ⌘C

Paste ⌘V

Clear

Select All ⌘A

Steps

▼ Favorites

(comment)

If

Set Field

Set Variable

Show Custom Dia

▼ Control

Perform Script

Perform Script on

Pause/Resume Sc

Exit Script

Halt Script

If

Else If

Else

End If

Loop

Description

Performs a script on the
hosting the current file.



Call Script

```
1 Perform Script [ "Other Script" ]
2 // Perform Script [ "MyScript" ]
3 Perform Script on Server [ Wait for completion ; "Test" ]
4 // Perform Script on Server [ Wait for completion ; "Other Script" ]
```

MBS Context Menu
Copy Table Content

Enable/Disable ⌘/

Open Script: "Other Script"

Cut ⌘X

Copy ⌘C

Paste ⌘V

Clear

Select All ⌘A

Steps

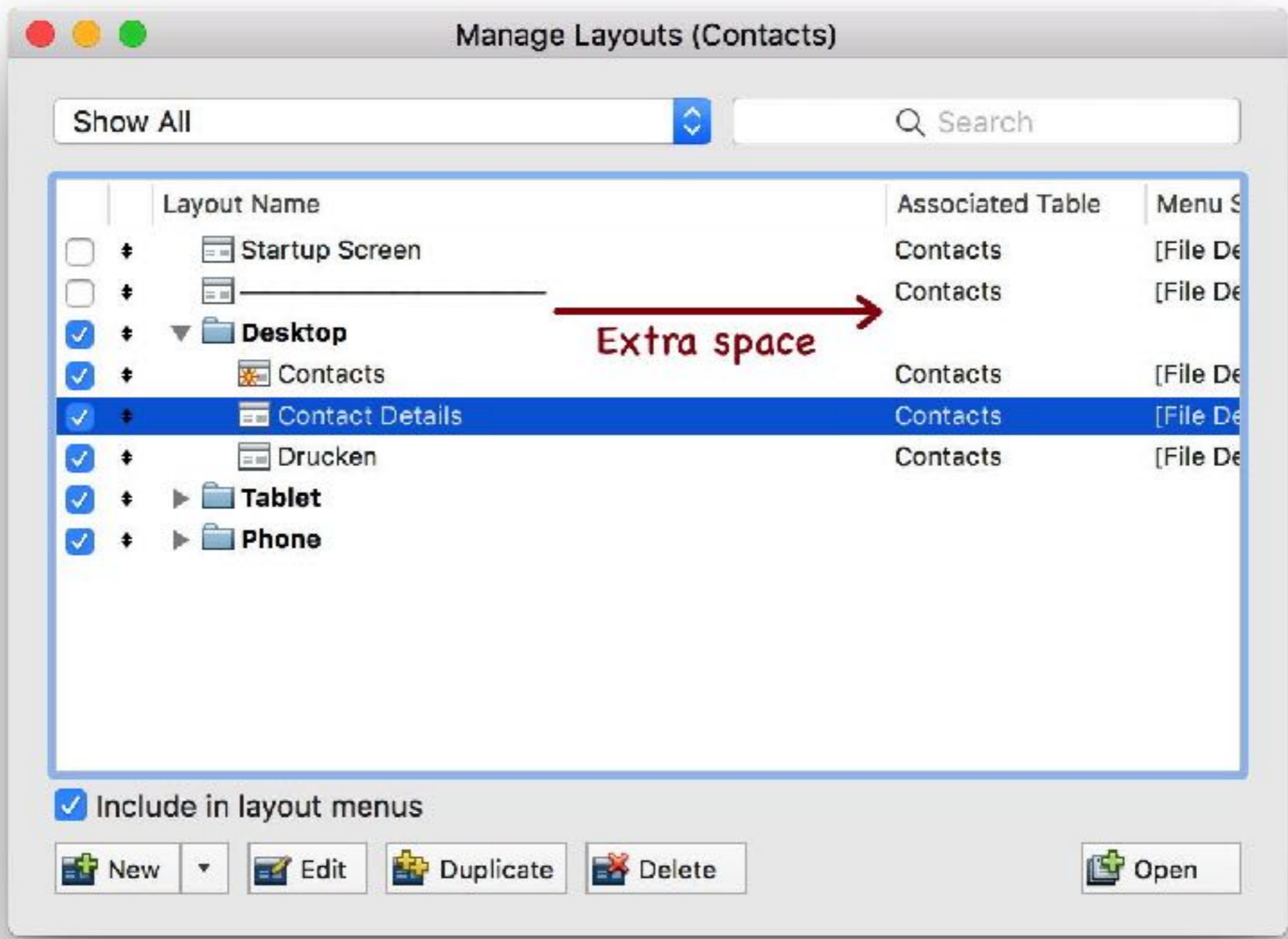
▼ Favorites

(comment)

Description

Performs a script on the
hosting the current file.

Remember Column Widths



Manage Layouts (Contacts)

Show All

Search

	Layout Name	Associated Table	Menu S
<input type="checkbox"/>	Startup Screen	Contacts	[File De]
<input type="checkbox"/>	_____	Contacts	[File De]
<input checked="" type="checkbox"/>	Desktop	Contacts	[File De]
<input checked="" type="checkbox"/>	Contacts	Contacts	[File De]
<input checked="" type="checkbox"/>	Contact Details	Contacts	[File De]
<input checked="" type="checkbox"/>	Drucken	Contacts	[File De]
<input checked="" type="checkbox"/>	Tablet		
<input checked="" type="checkbox"/>	Phone		

Extra space

Include in layout menus

- New
- Edit
- Duplicate
- Delete
- Open

Showing IDs

Manage Layouts (Tasks)

Show All Search

	Layout Name	Associated Table	Menu Set	ID
<input type="checkbox"/>	Startup Screen	Tasks	[File Default]	6
<input type="checkbox"/>	_____	Tasks	[File Default]	
<input checked="" type="checkbox"/>	Desktop			
<input checked="" type="checkbox"/>	Tasks	Tasks	[File Default]	38
<input checked="" type="checkbox"/>	Task Details	Tasks	[File Default]	1
<input checked="" type="checkbox"/>	iPad			
<input checked="" type="checkbox"/>	Tasks iPad	Tasks	[File Default]	16
<input checked="" type="checkbox"/>	Task Overview iPad	Tasks	[File Default]	15
<input type="checkbox"/>	_____ ...	Attachments	[File Default]	
<input type="checkbox"/>	Assignees iPad	Assignees	[File Default]	35
<input type="checkbox"/>	Attachments iPad	Attachments	[File Default]	36
<input checked="" type="checkbox"/>	iPhone			
<input checked="" type="checkbox"/>	Tasks iPhone	Tasks	[File Default]	29
<input checked="" type="checkbox"/>	Task Overview iPhone	Tasks	[File Default]	30
<input checked="" type="checkbox"/>	Task Details iPhone	Tasks	[File Default]	45
<input type="checkbox"/>	_____ ...	Tasks	[File Default]	
<input type="checkbox"/>	Assignees iPhone	Assignees	[File Default]	31
<input type="checkbox"/>	Attachments iPhone	Attachments	[File Default]	33
<input checked="" type="checkbox"/>	Web			
<input type="checkbox"/>	_____	Tasks	[File Default]	
<input type="checkbox"/>	Task List Printable View	Tasks	[File Default]	40

Include in layout menus

Manage Database for "Contacts"

Tables **Fields** Relationships

Table: **Contacts** 32 fields

Show IDs (MBS)

View by: **field name**

Field Name	Type	Options / Comments (Click to toggle)	Field ID
✦ Company	Text	Indexed	* 10
✦ CONTACT ID MATCHING FIELD	Number	Indexed, Auto-enter Serial	1
✦ Fax	Text	Indexed	21
✦ First	Text	Indexed, Auto-enter Data	3
✦ Group	Text	Indexed	13
✦ gtest	Text	Global	66
✦ Home Address 1	Text	Indexed	* 29
✦ Home Address 2	Text	Indexed	30
✦ Home City	Text	Indexed	31
✦ Home Country	Text	Indexed	* 34
✦ Home Postal Code	Text	Indexed	33
✦ Home State	Text	Indexed	32
✦ Initial	Calculation	Indexed, = Case (not IsEmpty (Last) ; Left (La...	5
✦ Job Title	Text	Indexed	11

Field Name:

Type: **Text**

Options...

Comment:

Create

Change

Duplicate

Delete

Copy

Paste



Print...

Cancel

OK

Search in Lists & Texts

Manage Custom Functions for "test"

Custom functions can be used in any calculation and copied, pasted, or imported between files. These functions are listed in the Custom Function category of the Specify Calculation dialog.

4 item(s)

View by creation order

Q Bes



Done

Function Name	Parameters	Availability
✦ Best		All accounts
✦ Function		All accounts
✦ Ever		All accounts
✦ Search here		All accounts

New...

Edit...

Duplicate

Delete

Import

Cancel

OK

Specify Calculation

This calculation will be evaluated based on context determined at runtime.

Content Management

Search

INHALTS_ID ABGLEICHSFELD

T Name

T Art

T Typ

Datum

T Status

T Speicherort

T Beschreibung

Dateicontainer

Output

Replace

Replace

Replace

All

Done

```
Let ([
PDF = MBS("DynaPDF.New");
OpenResult = MBS("DynaPDF.OpenPDFFromContainer";
PDF; InputPDF);
OpenError = MBS("IsError");
ImportResult = MBS("DynaPDF.ImportPDFFile"; PDF);
ImportError = MBS("IsError");
Options = "FlattenLayers DeleteInvPaths ScaleImages
NewLinkNames DeletePrivateData IgnoreZeroLineWidth
DeleteAlternateImages DeleteThumbnails";
OptimizeResult = MBS("DynaPDF.Optimize"; PDF;
Options; 50; 50; 50; 150; 150; 150; "JPEG"; "JPEG");
```

Search

Abs (number)

Acos (number)

Asin (number)

Atan (number)

Average (field (; field...))

Base64Decode (data (; fileNameWithEx

Base64Encode (data)

Base64EncoderFC (RFCNumber ; data

Case (test1 ; result1 (; test2 ; result2 ; ..

Ceiling (number)

Char (number)

Description

No description

Calculation result must be Text

Cancel

OK

Thank you

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