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

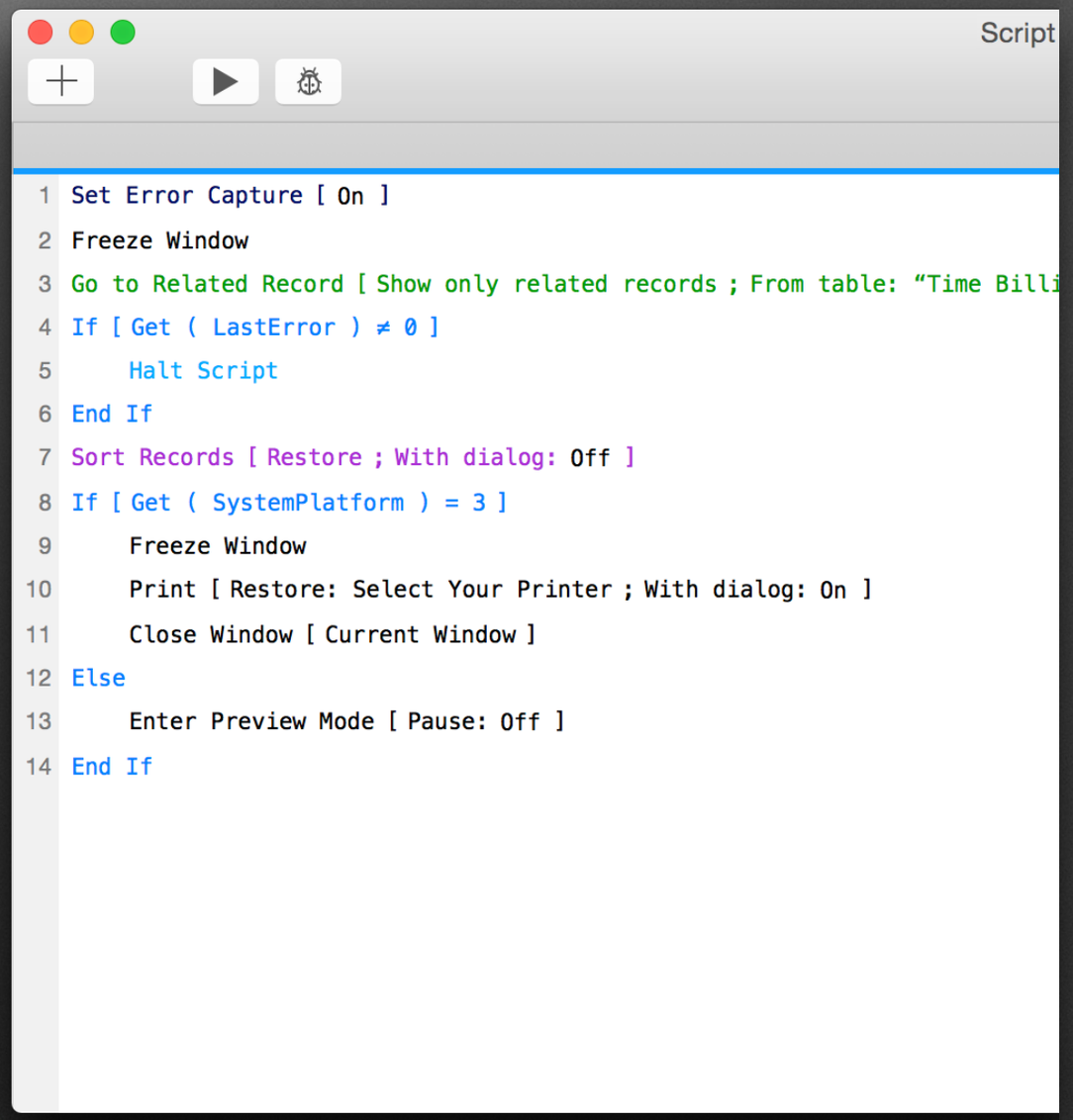
Goodies

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

Syntax Highlighting

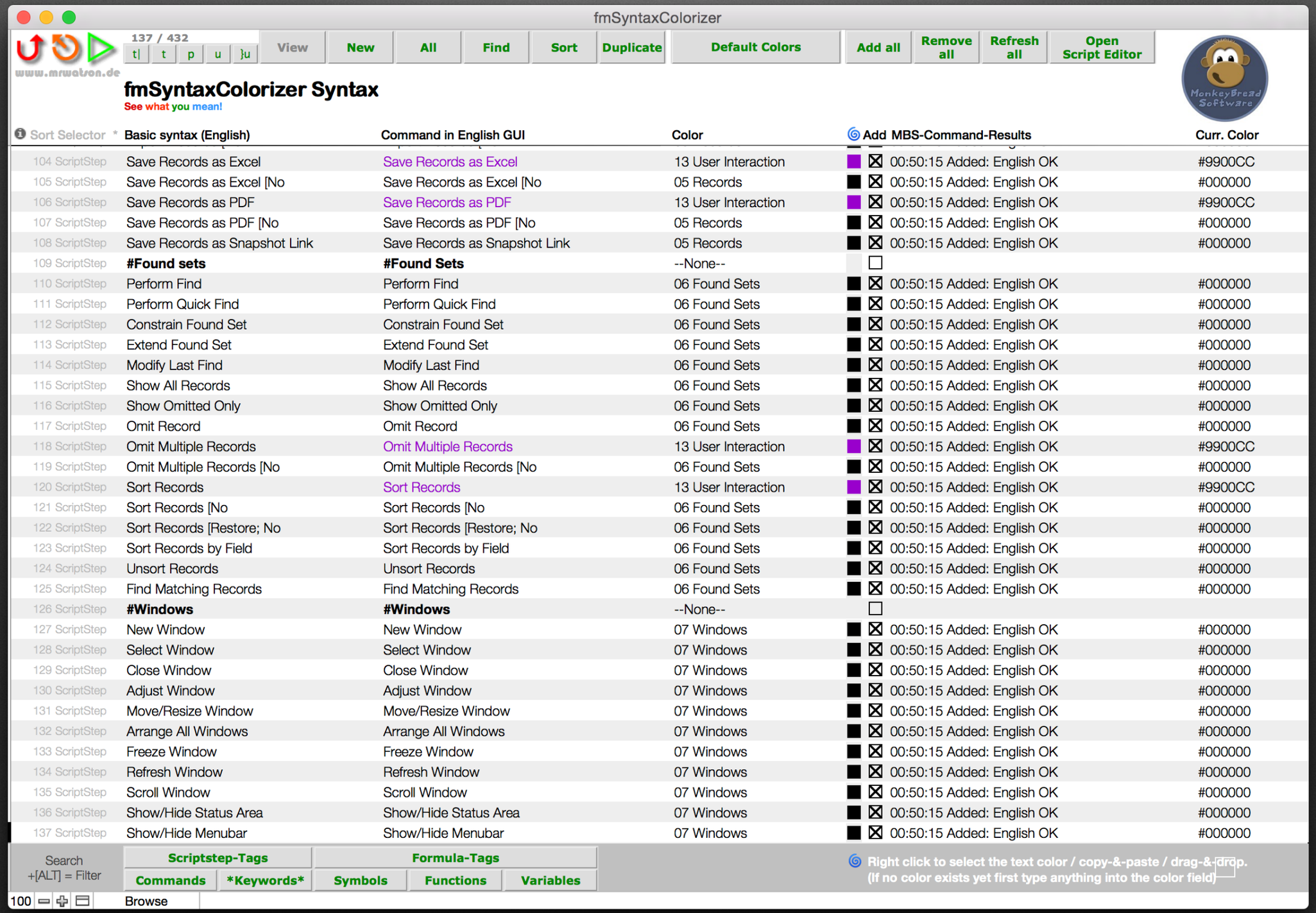
Syntax Highlighting

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

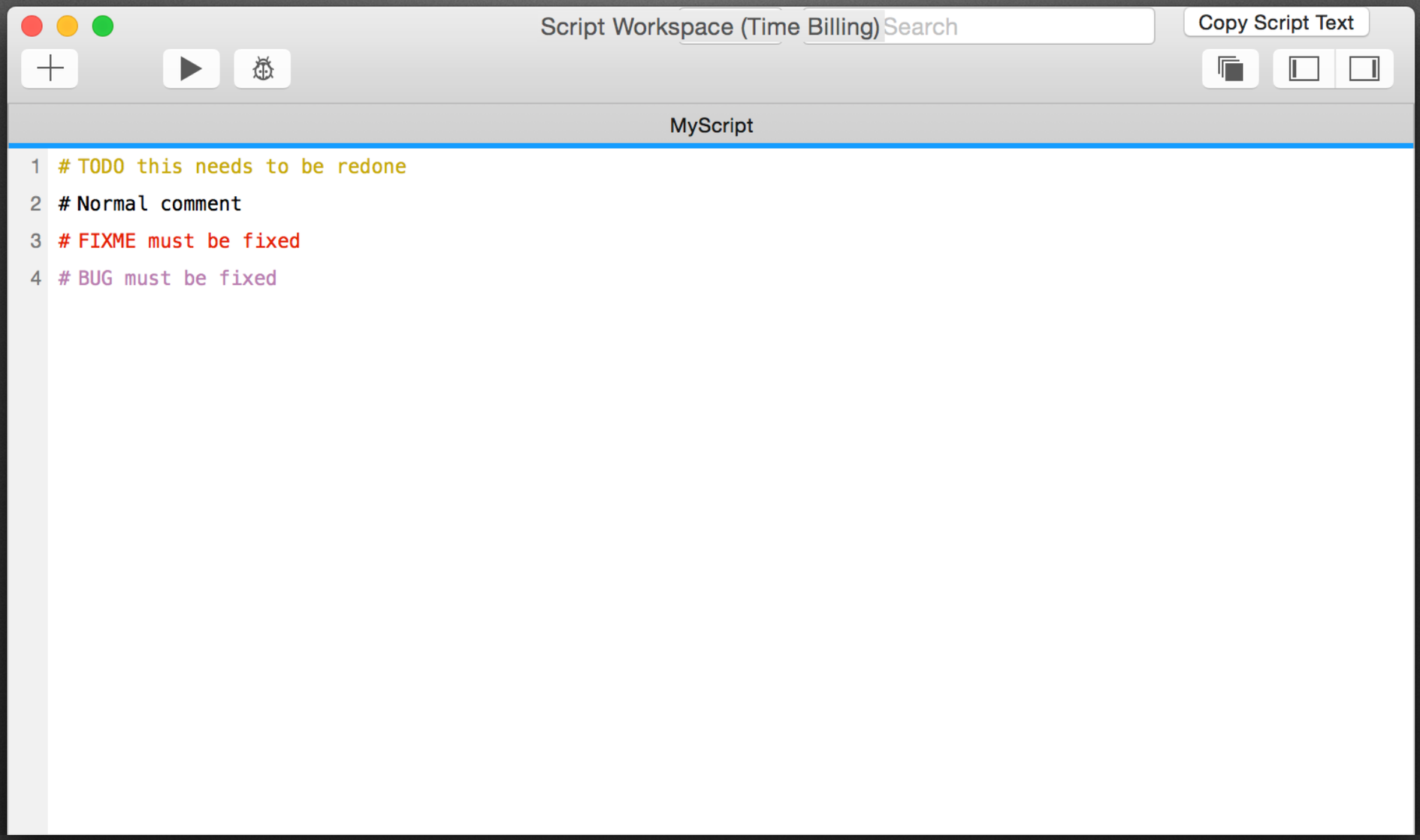




fmSyntaxColorizer

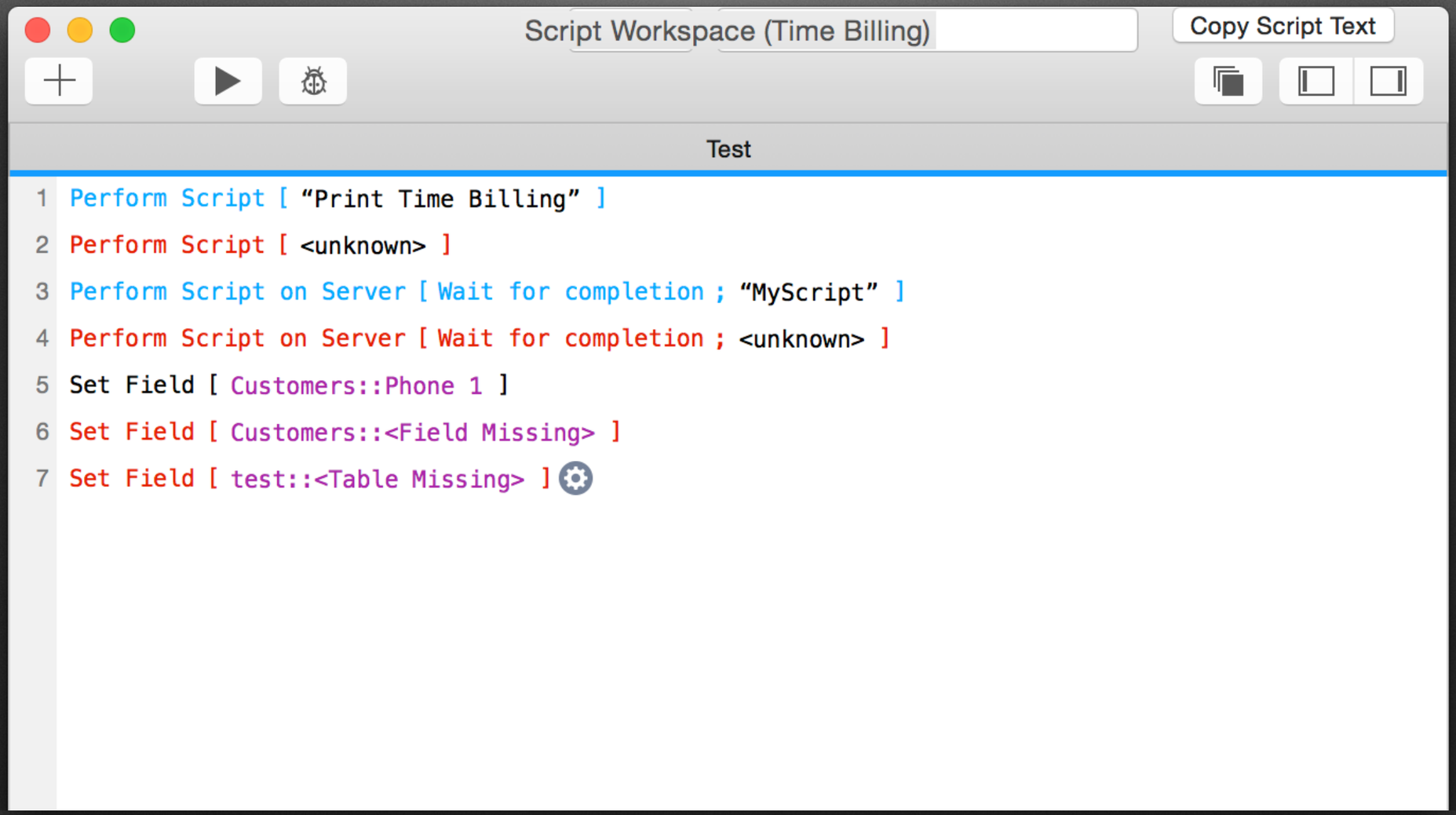


Change existing rules, add your own rules.



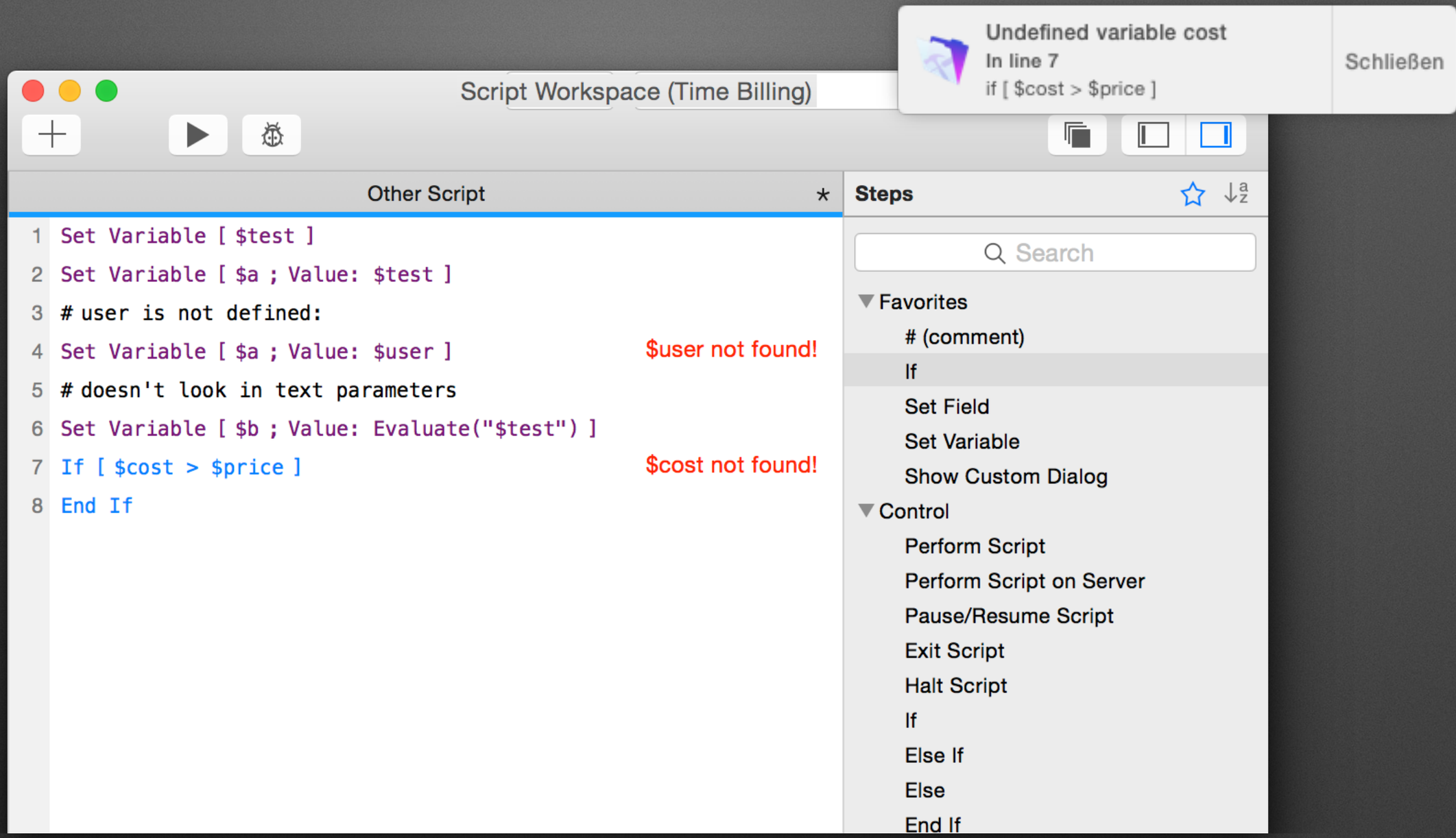
Comments with Color Tag

Define your own prefixes with special colors.



Highlights Errors

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



Finds Undefined Variables

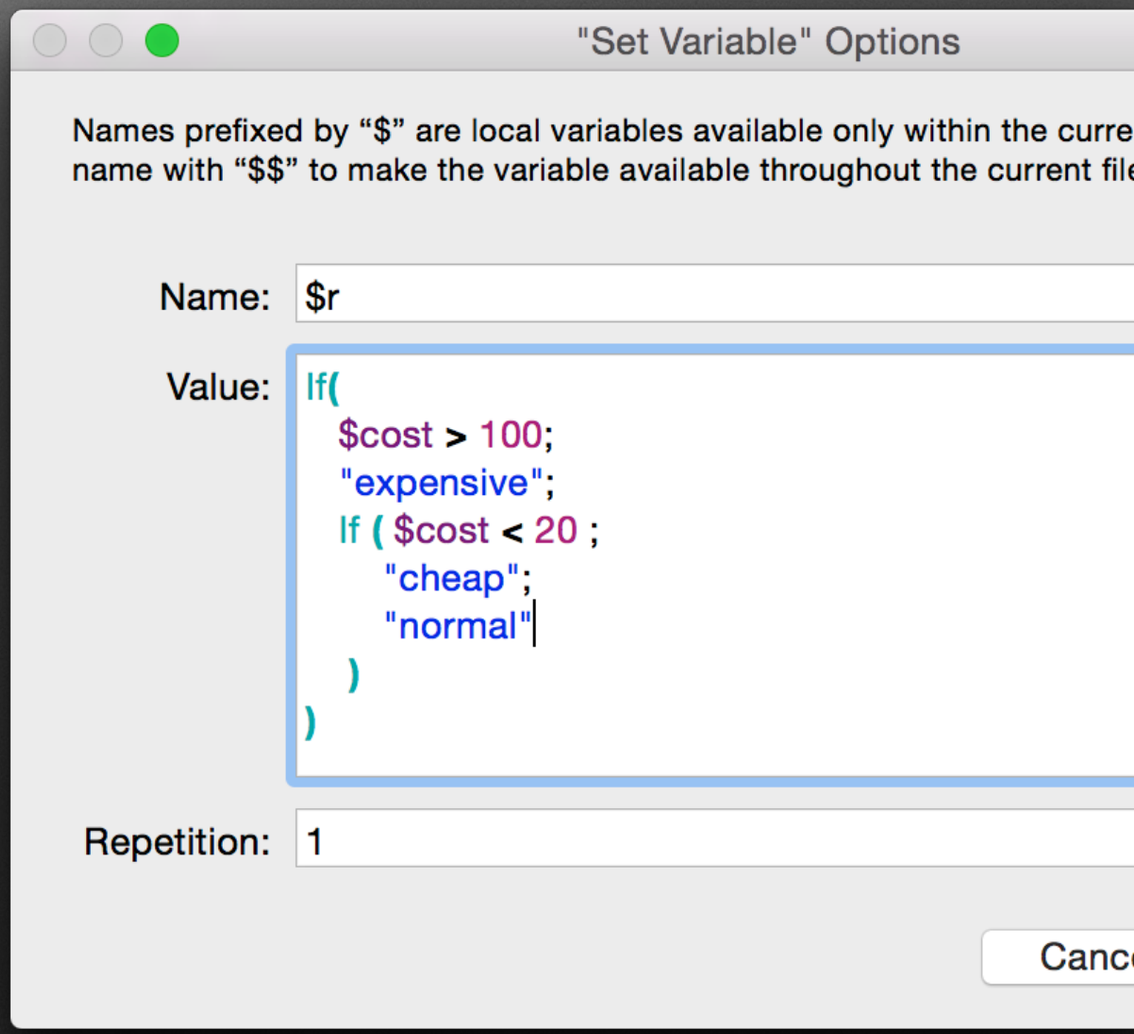
Helps to find typos in variable names and logic errors.
Notification shown if enabled.

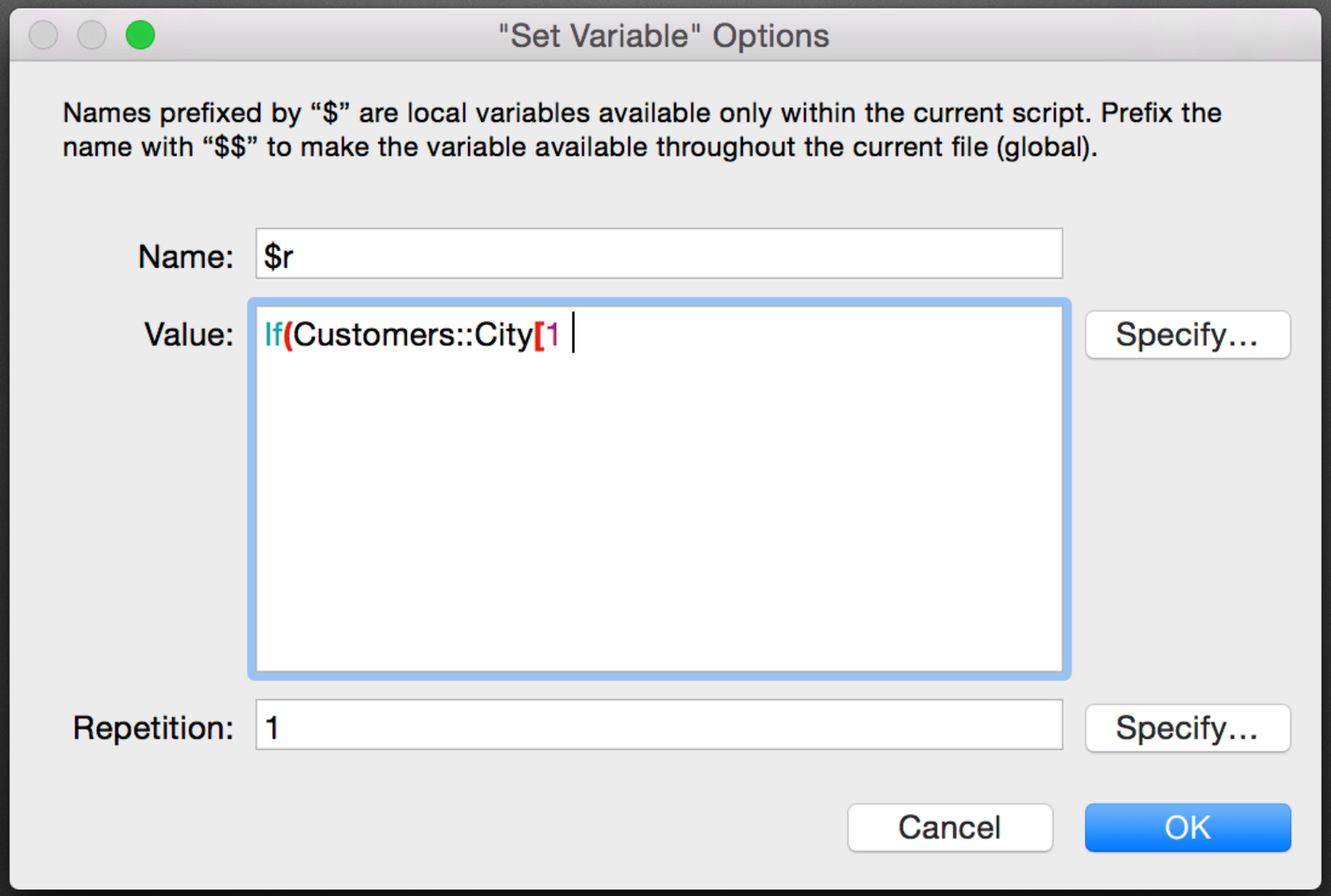
Calculation Dialog

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





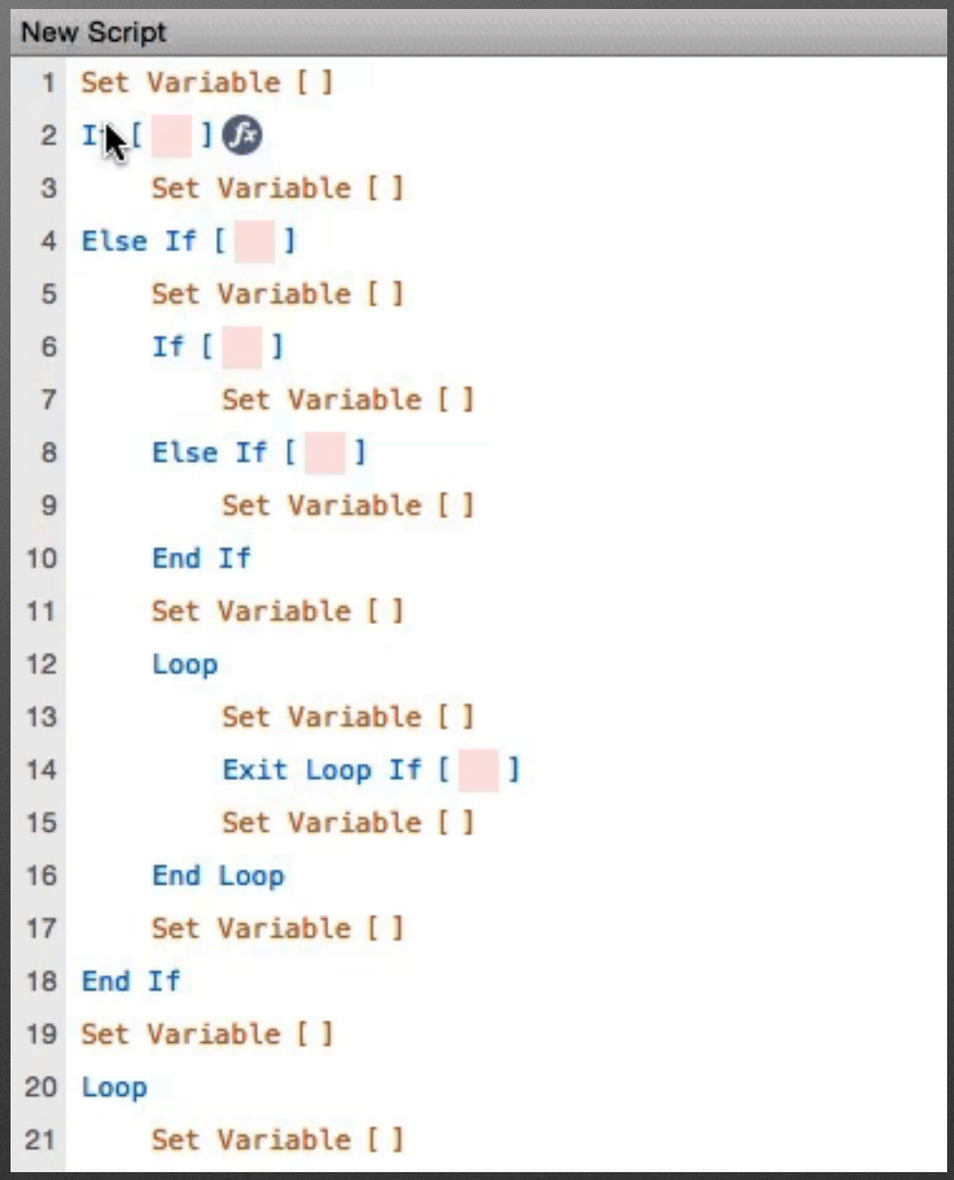
Highlights wrong brackets

( ) and [ ] are red if errors.

If/Loop Blocks

If/Loop Blocks

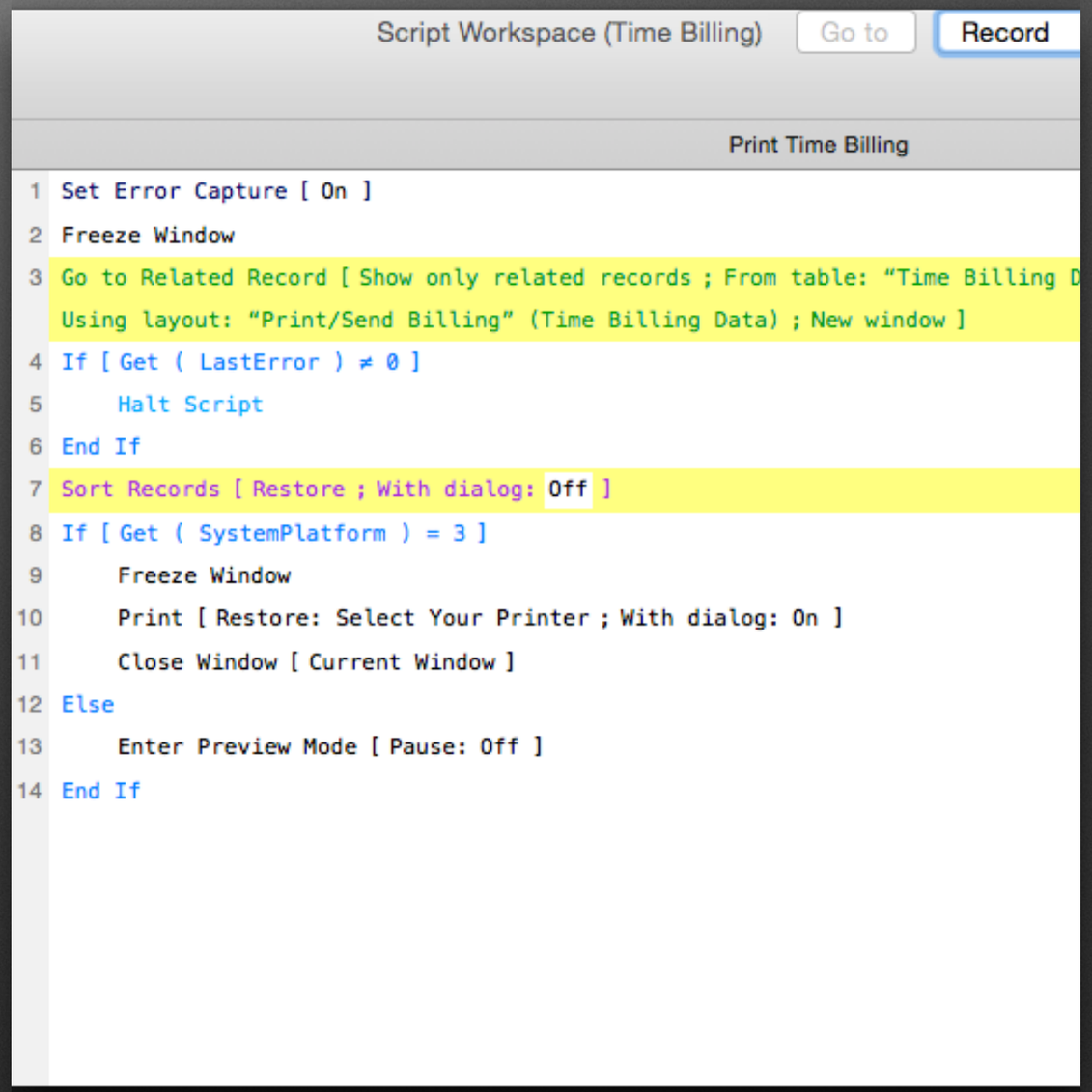
- Shows other parts of same blocks.
- Colors configurable



Script Search

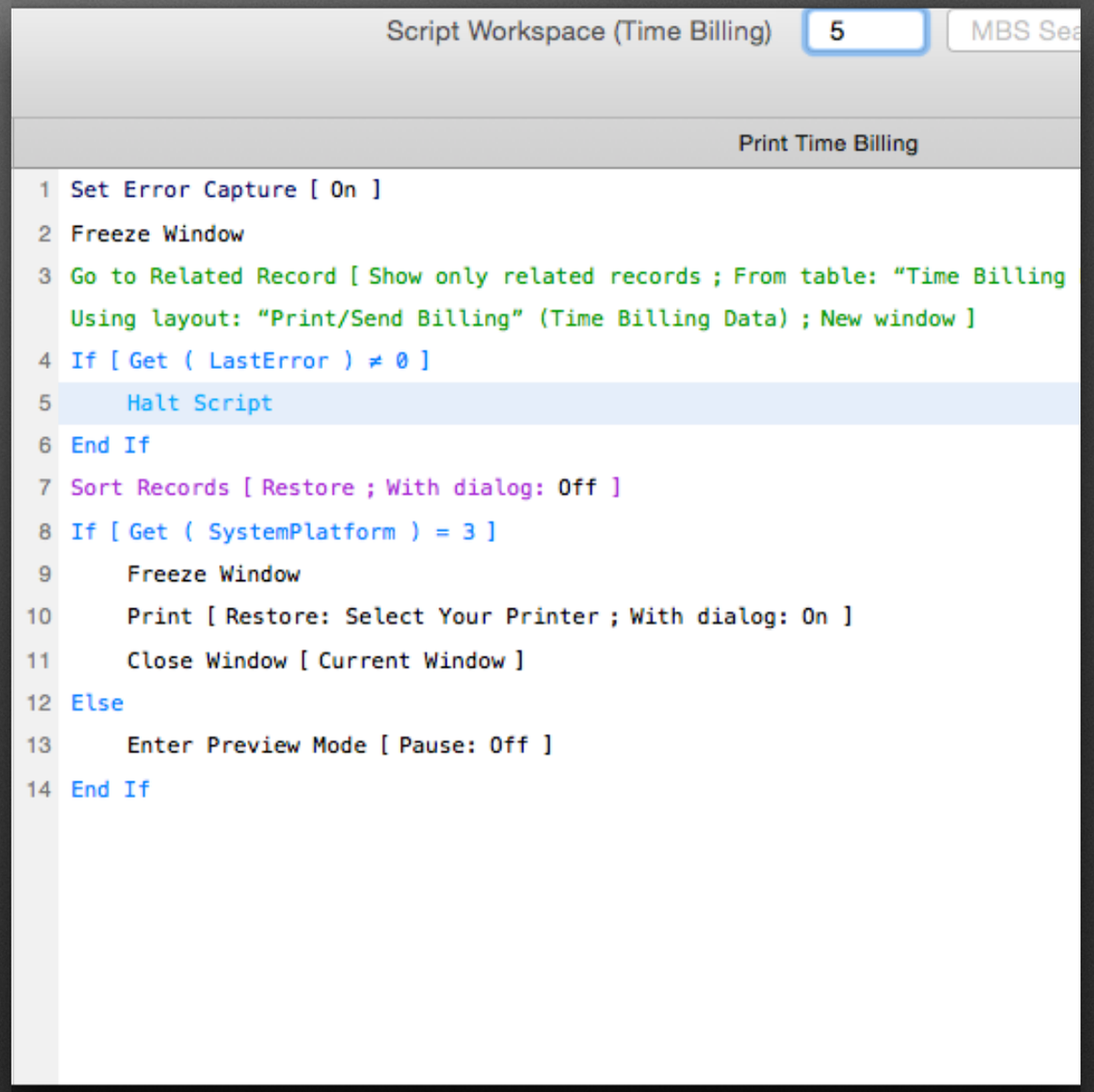
Script Search

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



Go To

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

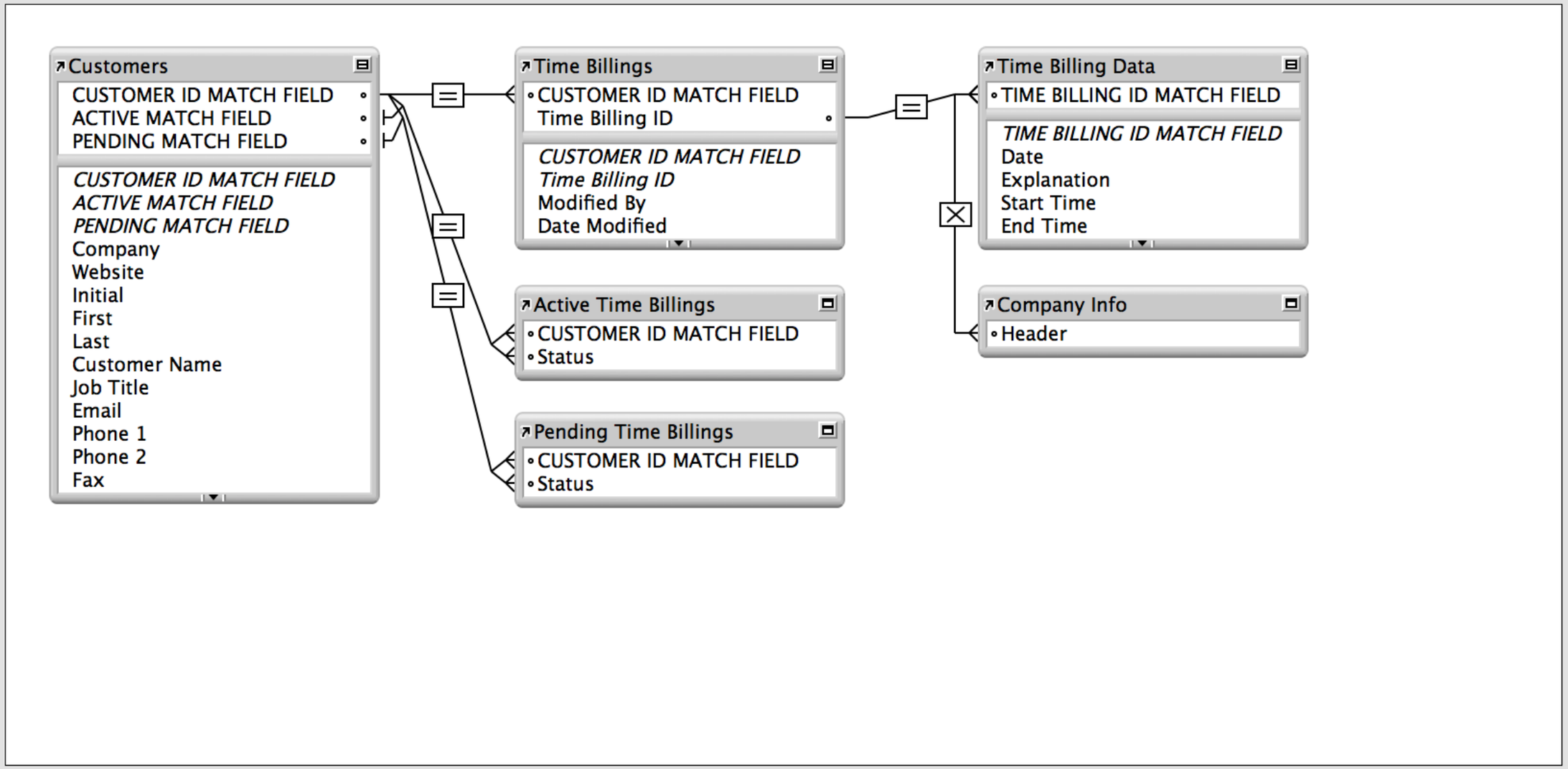


Relationship Graph Search

Manage Database for “Time Billing”

Tables | Fields | Relationships

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

100 %

MBS Search

?

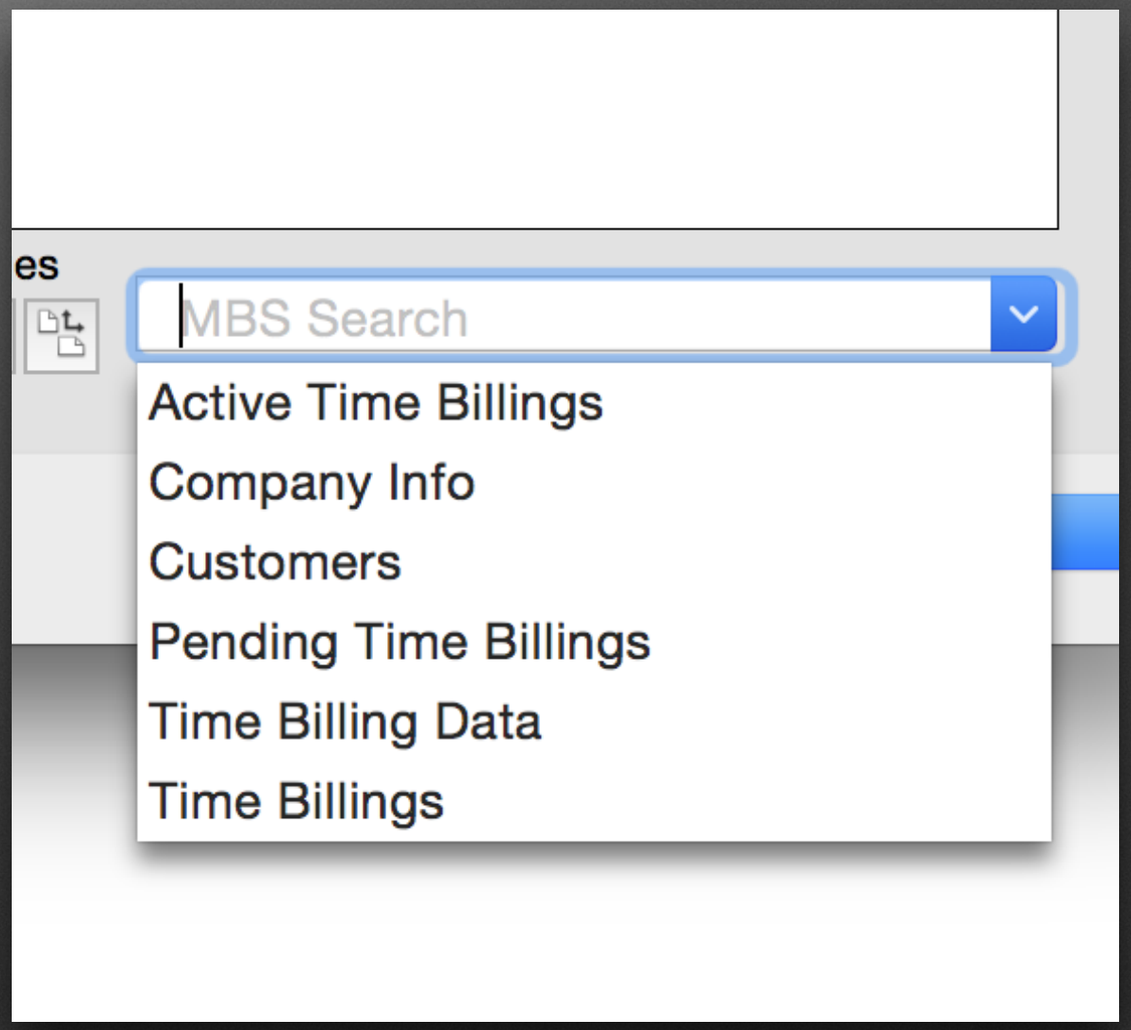
Print…

Cancel

OK

Relationship Graph Search

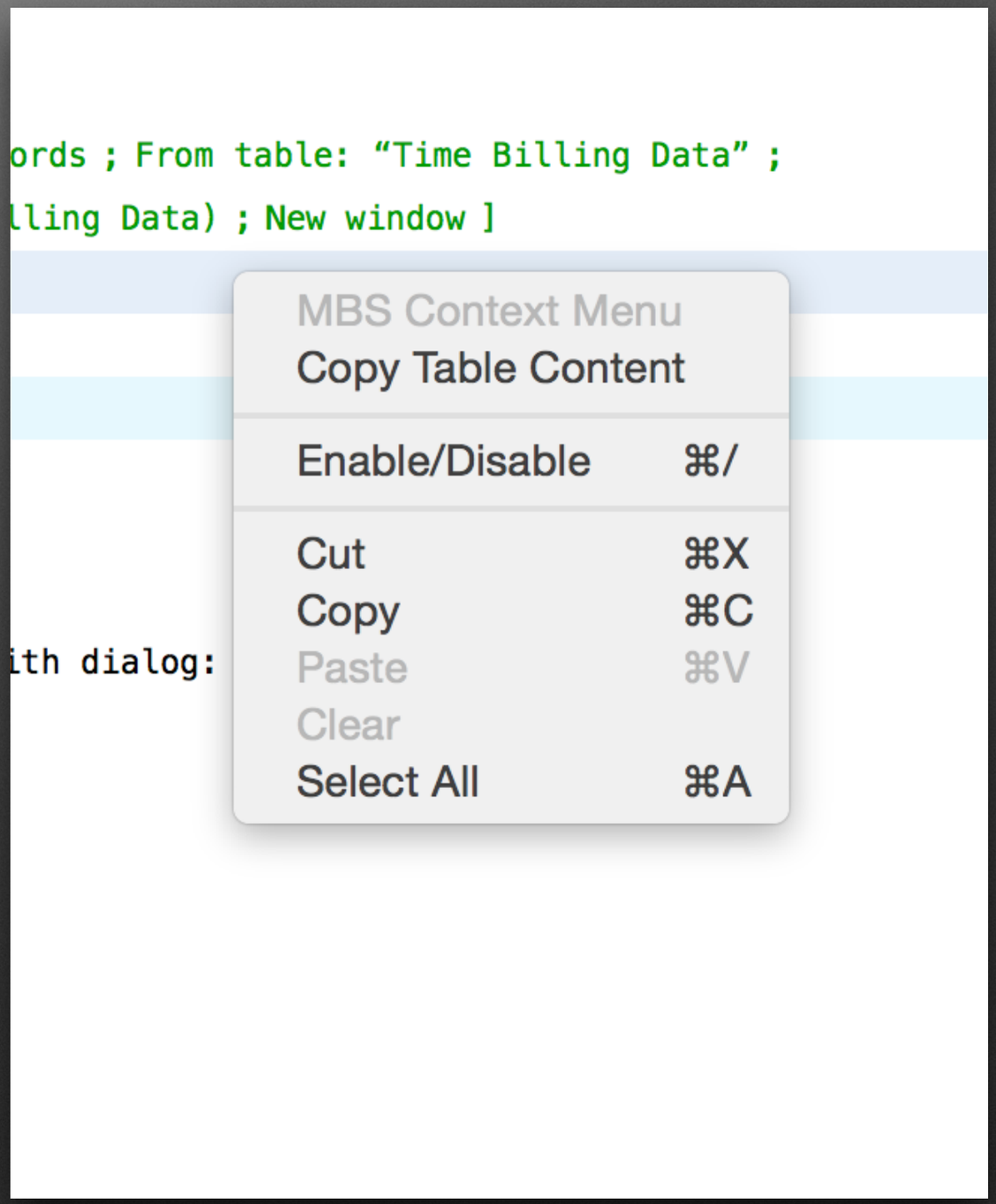
- Search the relationship graph
- Drop down with all names
- Auto completes
- Suggestions in dropdown matching input
- Press return to select
- Click in menu to select



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



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 | Acti
Time Billing Total | Pending	Calculation	Unstored, = If (Time Billing Number | Pen
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

Script Workspace (Time Billing)

MBS Search

Call Script

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

MBS Context Menu
Copy Table Content

Enable/Disable ⌘/
Open Script: “Other Script”

Cut ⌘X
Copy ⌘C
Paste ⌘V
Clear
Select All ⌘A

Steps

Search

- 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 th
hosting the current file.

Script Workspace (Time Billing)

MBS Search

Cop

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

Searc

- 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 th
hosting the current file.

Script Workspace (Time Billing)

MBS Search

Cop

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 Scr
```

MBS Context Menu
Copy Table Content

Enable/Disable ⌘/
Open Script: “Test”

Cut ⌘X
Copy ⌘C
Paste ⌘V
Clear
Select All ⌘A

Steps

Searc

- Favorites
  - # (comment)
  - If
  - Set Field
  - Set Variable
  - Show Custom Dia
- Control
  - Perform Script
  - Perform Script on
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Description

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Script Workspace (Time Billing)

MBS Search

Cop

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” ]
```

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Open Script: “Other Script”

Cut ⌘X
Copy ⌘C
Paste ⌘V
Clear
Select All ⌘A

Steps

Searc

Favorites

(comment)

ld
iable
Custom Dia

n Script
n Script on
Resume Sc
ript
ript

If
Else If
Else
End If
Loop

Description

Performs a script on th
hosting the current file.

Thank you

- Website monkeybreadsoftware.com/filemaker/
- Blog mbs-plugins.com
- Videos mbsplugins.com
- Documentation mbsplugins.eu