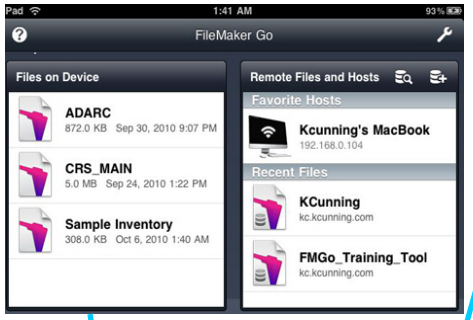
FileMaker Go Cheat Sheet (iPad Edition)

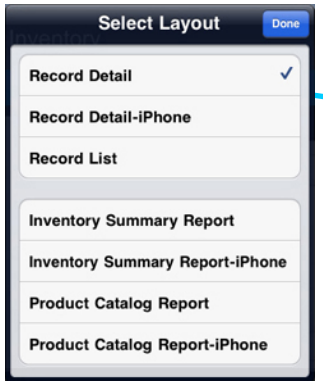
K. Cunningham, BAFDA, 6 October 2010

(1) File Opener



(2) Windows (all)

(3) Layouts (non-hidden only)



Status Bar

Toolbar

Content Area

Tab Bar

(9) Record Slider

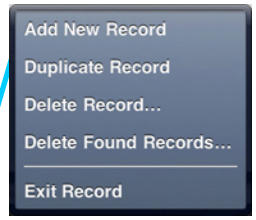
(10) Hibernate

Home Button

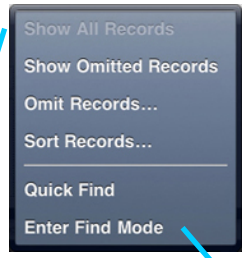
(4) Options

(5) Settings

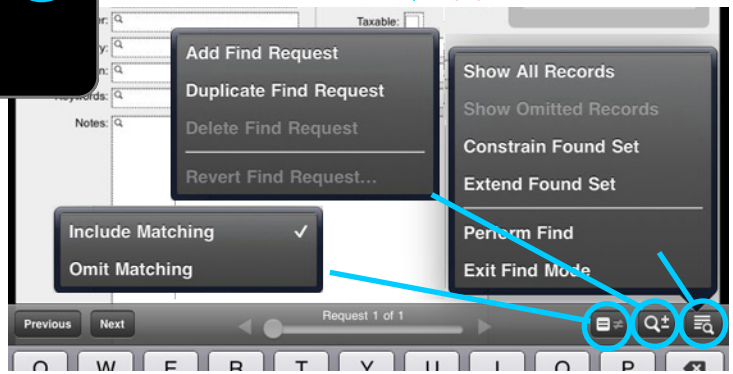
(6) Record Actions



(7) Show/Sort/Find



(8) Find Mode



When you press Home button (or if phone call comes in on iPhone):
App exits immediately, aborts scripts*, hibernates, stores state
* If Allow User Abort[On] - allows resumption of previous state
If Allow User Abort[Off] - closes instead of hibernating, no state restored
To re-enter: need to enter username/password, *unless* you are using Guest account, username matches File Options auto-login account, or "**fmrestorelogin**" extended privilege has been set for account used

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www.kcunning.com

Layout Mapping

Legend: text = Menu Name, Text = available in Go Interface, *Text* = scriptable only, ~~Text~~ = unavailable (x) = area shown on reverse (int) = standard device interface method

FileMaker Pro
About FM Pro... (5)

Preferences... (4/5)

Quit FM Pro (10)

File
~~New Database...~~
Open... (1)
Open Remote... (1)
Open Recent > (1)
Close (2)

~~Manage~~ >

~~Sharing~~ >

~~File Options~~...
Change Password...

~~Page Setup~~...
~~Print~~...

Import Records >
~~Export Records~~...
Save/Send Records As > (4)
Send Mail...
~~Send Link~~...
Save a Copy As.. (4).
~~Recover~~...

Edit
~~Undo~~
~~Redo~~

Cut (int)
Copy (int)
Paste (int)
Clear (int)

Select All (int)

~~Find/Replace~~ >
~~Spelling~~ >

Export Field Contents...

View
Browse Mode
Find Mode (7)
~~Layout Mode~~
~~Preview Mode~~

Go to Layout > (3)

View as Form (4)
View as List (4)
View as Table (4)

Status Toolbar (5)
~~Customize Status Toolbar~~...
~~Formatting Bar~~

~~Text Ruler~~

Zoom In (int)
Zoom Out (int)

Insert
Picture...
~~QuickTime~~...
~~Sound~~...
~~File~~...

Current Date
Current Time
Current User Name

~~From Index~~...
~~From Last Visited Record~~

Format
Font >
Size >
Style >
Align Text >
Line Spacing >
Text Color >

Text...

Records
New Record (6)
Duplicate Record (6)
Delete Record... (6)

Delete Found Records... (6)

Go to Record > (9)
Refresh Window

Show All Records (7/8)
Show Omitted Only (7/8)
Omit Record (7)
Omit Multiple... (7)

Modify Last Find
~~Saved Finds~~ >

Sort Records... (7)
Unsort (7)

Replace Field Contents...
Relookup Field Contents

Revert Record...

Scripts
~~Manage Scripts~~

[Script Name] (4)

Window
New Window (2)
Show Window > (2)
~~Hide Window~~
~~Minimize Window~~

~~Tile Horizontally~~
~~Tile Vertically~~
~~Cascade Windows~~
~~Bring All To Front~~

[Window Name] (2)

Help

Requests
Add New Request (8)
Duplicate Request (8)
Delete Request (8)

Go to Request > (9)

Show All Records (8)

Perform Find (8)
Constrain Found Set (8)
Extend Found Set (8)

Revert Request...

NOT Supported on FileMaker Go
- hosting files, IWP
- creating dbs / modifying schema/structure
- Layout/Preview modes
- exporting (importing only in v1.1+)
- printing
- charting
- tooltips, fill patterns, some text styles (text styles lost if you edit text)
- editing more than 64K characters
- Insert Date/Time/Timestamp/User
- Insert From Index, and auto-complete
- external functions/plug-ins (but note URL method for calling Apps)
- Save/Send as Excel/Snapshot Link
- Debugger/Data Viewer/Recover
- IPv6 addresses
- spell checking (but OS spell check okay)
- Get: TriggerModifierKeys/ActiveModifierKeys
- hidden/offscreen windows (just changes stack order)
- non-fields in tab order (i.e., only fields are included in tab order)
- "removed" items on Custom Menus are disabled but still displayed
- many script steps are not supported, falling into two error categories:
  - if Get(LastError) = 4, Go shows alert (unless Set Error Capture = On) --
    if Allow User Abort [On], displays alert with option to continue or abort
    if Allow User Abort [Off], displays alert but cannot abort
  - If Get(LastError) = 3, no alert displayed, step just fails silently

FM Go Pricing/Specs
iPhone/iPod touch - $19.99 - requires iOS 4.0+
iPad - $39.99 - requires iOS 3.2+

Preparing DB for Hosting
- enable account/privileges for sharing
- make database visible, not hidden
- avoid "Don't display in Open Remote File dialog"
  (if set, can only access via scripting, e.g., Opener)

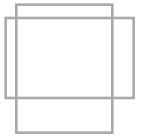
Accessing Databases On Mobile Device
- connect to hosted file (if Wi-Fi or 3G active)
- copy dbs between device and laptop via iTunes
  (this does not synchronize data, just copies files)
- download db from email or website on device

Opening Database with FMP7/FMP7Script Protocol
FMP7://*account*:*password*@*address*/*dbname*
FMP7Script://*account*:*password*@*address*/*dbname*?
script=*scriptname*&param=*params*&$localvar=*value*

- filenames case-sensitive, can omit .fp7
- replace spaces with %20
- can't use username/password to open hibernated files

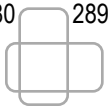
Resources
FileMaker Go Developer's Guide and Technical Brief (FileMaker Inc.)
Training Databases (FM Inc., Soliant, Richard Carleton Consulting)

Layout Best Practices
Font size: 17-22px (15-22pt)
Portal/List row height: 34-42px
Buttons: min 32x32px, good 44x44px
Ideal content width: 312px



Maximum Available Screen Area for FileMaker

Device	Orientation	Toolbar	Width*	Height**
iPad	Portrait	showing	768	929
iPad	Portrait	hidden	768	973
iPad	Landscape	showing	1024	673
iPad	Landscape	hidden	1024	717
iPhone	Portrait	showing	320	385
iPhone	Portrait	hidden	320	429
iPhone	Landscape	showing	480	255
iPhone	Landscape	hidden	480	289



* Get(WindowContentWidth)
** Get(WindowContentHeight)
[will return these values regardless of zoom level]

Design Function Results on Mobile Devices
Get(SystemPlatform) = 3
Get(ApplicationVersion) = "Go 1.1.1" (iPhone/iPod)
"Go_iPad 1.1.1" (iPad)