

FileMaker Documentation Exhibition
(using FileMaker Go 15, iDevices and iBeacons)



Possible Use Cases

- Museums
- Exhibits
- Conferences
- Retail
- Inventory
- Hearing impaired
- Silent auction
- ...and more!

① Prepare by obtaining FMG Custom App through one of these options:

- iTunes App Store
- Mobile Device Management (MDM)
- rent iDevice

⑧ Museum follows up on opt-in requests:

- * info about specific items
- * general interest

15
fx RangeBeacons (UUID { ; timeout ; major ; minor })

Parameters:

- UUID** - universally unique identifier for iBeacon(s)
- timeout** - the # of seconds to wait before returning a value. If not specified, the default timeout is 5 seconds.
- major** - identifying a group of iBeacons. (in this case an exhibit wing)
- minor** - Together with the major value, identifies specific iBeacon(s)

Returns: ¶-separated list for each iBeacon found

Each row contains the following:

- UUID**
- major**
- minor**
- proximity** - relative proximity to an iBeacon.
 - 0 (Unknown) could not be determined.
 - 1 (Immediate) very close
 - 2 (Near) relatively close
 - 3 (Far) far from the iOS device.
- accuracy** - the accuracy of the proximity value, measured in meters. Helps differentiate between iBeacons with the same proximity value. A negative value means the accuracy could not be determined.
- rsi** - the received signal strength of the iBeacons, measured in decibels.

Example: F62FDBF8-C723-4398-803E-30C6AA5598E7, 5, 1, 3, 14.68, -79

- <http://www.scoop.it/t/learning-filemaker/?tag=iBeacon>
- http://www.filemaker.com/help/15/fmg/en/index.html#page/FMP_Help/rangebeacons.html
- <http://www.colibrisolutions.com/2016/05/23/filemaker-and-ibeacons-the-proximity-effect/>

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FileMaker Color Palette for .fp7 and .fmp12

F62FDBF8-C723-4398-803E-30C6AA5598E7; 5; 1



Far Near Immediate



Detail view with image to confirm



Script Step	Compatibility	Type	Introduced
Add Account	Mac Win FMS iOS CWP WD Run	Accounts	7
Adjust Window	Mac Win FMS iOS CWP WD Run	Windows	≤6
Allow Formatting Bar	Mac Win FMS iOS CWP WD Run	Miscellaneous	≤6
Allow User Abort	Mac Win FMS iOS CWP WD Run	Control	≤6
Arrange All Windows	Mac Win FMS iOS CWP WD Run	Windows	≤6
AVPlayer Play	Mac Win FMS iOS CWP WD Run	Miscellaneous	14.0
AVPlayer Set Options	Mac Win FMS iOS CWP WD Run	Miscellaneous	14.0
AVPlayer Set Playback State	Mac Win FMS iOS CWP WD Run	Miscellaneous	14.0
beep	Mac Win FMS iOS CWP WD Run	Miscellaneous	≤6
Change Password	Mac Win FMS iOS CWP WD Run	Accounts	7
Check Found Set	Mac Win FMS iOS CWP WD Run	Spelling	≤6
Check Record	Mac Win FMS iOS CWP WD Run	Spelling	≤6
Check Selection	Mac Win FMS iOS CWP WD Run	Spelling	≤6
Clear	Mac Win FMS iOS CWP WD Run	Editing	≤6
Close File	Mac Win FMS iOS CWP WD Run	Files	≤6
Close Popover	Mac Win FMS iOS CWP WD Run	Navigation	13.0
Close Window	Mac Win FMS iOS CWP WD Run	Windows	≤6
Comment	Mac Win FMS iOS CWP WD Run	Miscellaneous	≤6

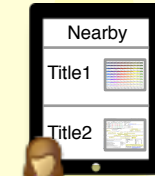
FileMaker 15 Script Step Compatibility

F62FDBF8-C723-4398-803E-30C6AA5598E7; 6; 1

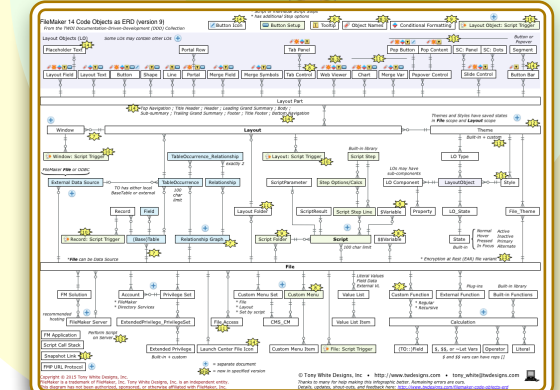
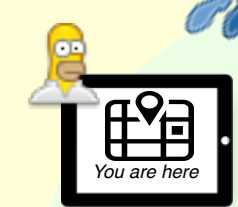
FMP URL protocol

F62FDBF8-C723-4398-803E-30C6AA5598E7; 5; 2

List view if multiple beacons



Unknown



FileMaker 14 Code Objects as ERD

F62FDBF8-C723-4398-803E-30C6AA5598E7; 6; 2