Starter Sync Solution
Quick Start Guide

Ver. 1.0

Creative solutions to your most challenging problems

Neo Code Software

About Neo Code

Neo Code was formed in 2002 to develop customized software for ROI focused business process automation. That approach has evolved to Neo Code collaborating with clients to identify the direction and then guide the journey.

Neo Code has a unique process to create successful journeys.

Building maps – what software developers call screen blueprints – is the first step of every rewarding journey. Neo Code's business analysts will seek out and map the tribal knowledge that is so critical for users.

Armed with maps, developers can use their budgets wisely because all the known unknowns had been identified and have been considered and planned for in advance.

The Neo Code Advantage

1. Unique Neo Code Four Corners Needs Assessment
2. Since 2002, 13 year history in multiple industries (see below)
3. Emergency 24x7 application troubleshooting / firefighting
4. Multidisciplinary team – analysts, developers, database administrators and network administrators
5. Single source implementation - hardware, software, networking, hosting
6. Flexible - home office to departments inside Fortune 500s
7. Proven - Platinum Certified by FileMaker, an Apple subsidiary

Starter Sync Solutions

Neo Code's Starter Sync Solutions are an out-of-the-box solution for desktop-to-mobile data synchronization. Using your servers and equipment, and the Quick Start Guide provided, Neo Code's Starter Sync databases provide:

- Open Starter Solutions to fast-track your own auto-sync solution
- Ability to work offline (not connected) in the field and sync data after connecting
- A working prototype of how to integrate the open source FMEasySync technology

This solution uses FMEasySync, a sync framework that was developed by Tim Dietrich ([http://timdietrich.me)](http://timdietrich.me).

Requirements

Neo Code's Starter Sync requires:

- FileMaker Server 14 (or later) to host the database
- FileMaker Pro 14 or FileMaker Pro 14 Advanced (or later) for setup and accessing the database on the desktop
- FileMaker Go 14 (or later) for accessing the database on an iPad or iPhone

Recommendations

Neo Code recommends:

- iPhone 6 or better, iPad Mini 2 or better, iPad Air 2 or better
- WiFi or LTE networks or better
- Neo Code FileMaker Hosting – https://store.neocodesoftware.com

The Solution Files

Each solution comes with 2 solution databases:

- A host database for uploading to your FileMaker server.
- A mobile database for offline access to the data.

Solution Files Accounts and Passwords

Each database comes setup with 2 accounts:

Account name: syncadmin
Password: neocode
Privilege set: Full Access

Account name: syncademo
Password: demodemo
Privilege set: Data Entry Only

Setup

Follow these simple steps to get your solution started.

1. Upload and open the host version of the solution to your FileMaker server.
2. With FileMaker Pro or FileMaker Pro Advanced configure the mobile version of the solution so that the "Hosted_Database" external data source (File > Manage > External Data Sources…) points to the host copy of the solution on your server.
3. With FileMaker Pro or FileMaker Pro Advanced update the EasySync Mobile scripts so that they point to the scripts on your copy of host database. You will find the references in these scripts:

   1. "Ping Server" script

      - Line 13: Perform Script on Server should point to: "Respond to Client Ping" in the "Hosted Database"
      - Line 17: Perform Script should point to: "Respond to Client Ping" in the "Hosted Database"

   2. "Push Payload" script

      - Line 161: Perform Script on Server should point to "Receive Payload Segment from Client" in the "Hosted Database"
      - Line 164: Perform Script should point to "Receive Payload Segment from Client" in the "Hosted Database"
      - Line 184: Perform Script on Server should point to "Process Payload from Client" in the "Hosted Database"
      - Approximately Line 187: Perform Script should point to "Process Payload from Client" in the "Hosted Database"

3. "Push Payload" script

    • Line Perform Script on Server should point to "Prepare Payload for Client" in the "Hosted Database"
    • Line 25: Perform Script should point to "Prepare Payload for Client" in the "Hosted Database"
    • Line 40: Perform Script on Server should point to "Send Payload Segment to Client" in the "Hosted Database"
    • Line 43: Perform Script should point to "Send Payload Segment to Client" in the "Hosted Database"

4. "Sync Check script

    • Line 44: Perform Script on Server should point to "Sync Check" in the "Hosted Database"
    • Line 48: Perform Script should point to "Sync Check" in the "Hosted Database"

You're now ready to deploy your mobile copy of the database.

Thank you for your interest in the Starter Sync solutions.

If you'd like to hire one of our developers, or discuss your next FileMaker project, email sales@neocodesoftware.com, or call 1-888-748-0668 and ask to speak to sales.

Joshua Paul, President
Neo Code