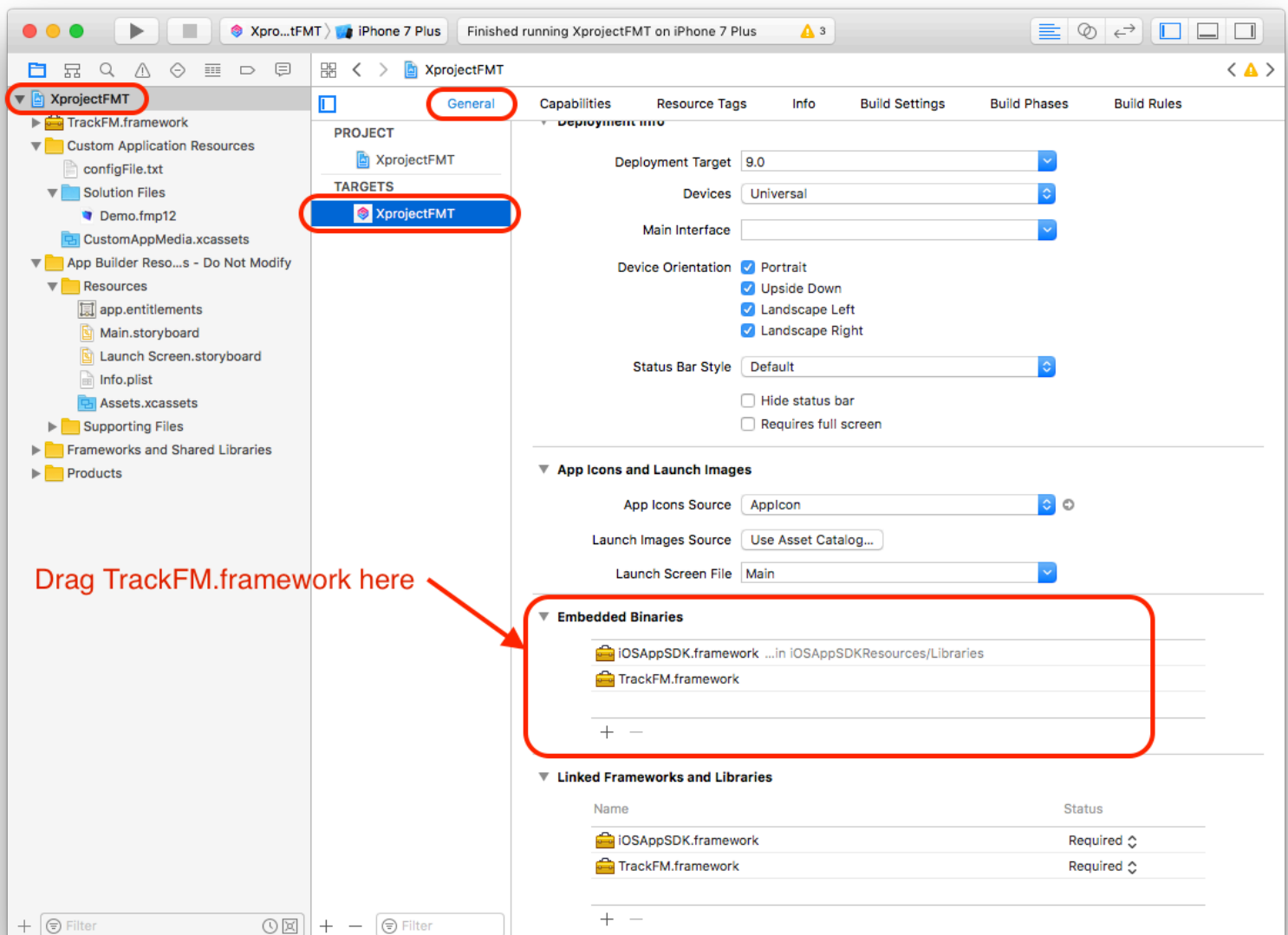# TrackFM framework, manual installation

TrackFM was designed to work inside FileMaker iOS App SDK projects. Framework is tracking gps location of iOS device and sends an updated coordinates to FileMaker Server's Web Publishing via XML requests.
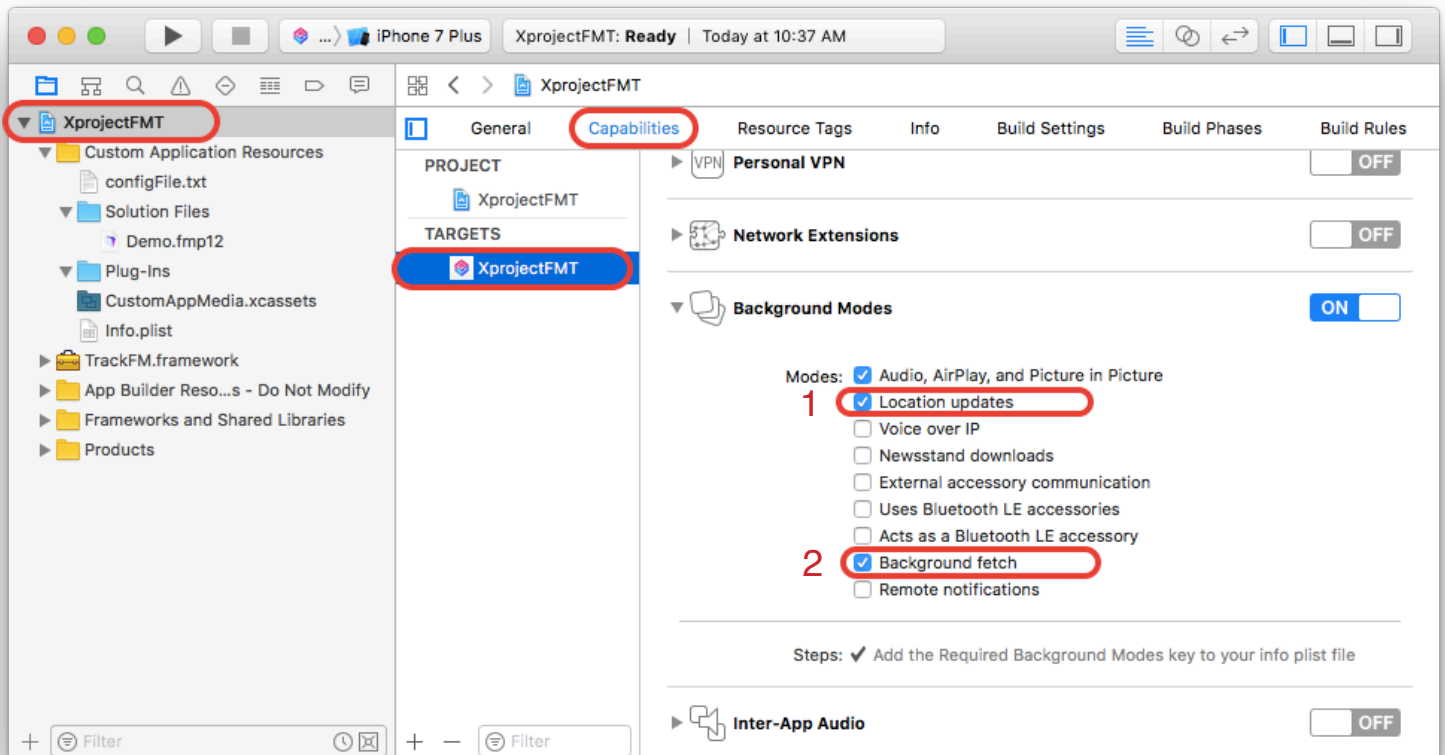
**INSTALLATION:**

1. Drag and drop TrackFM framework to "Embedded Binaries":

   Make sure to use corresponding version of TrackFM depending on SDK v15 or v16
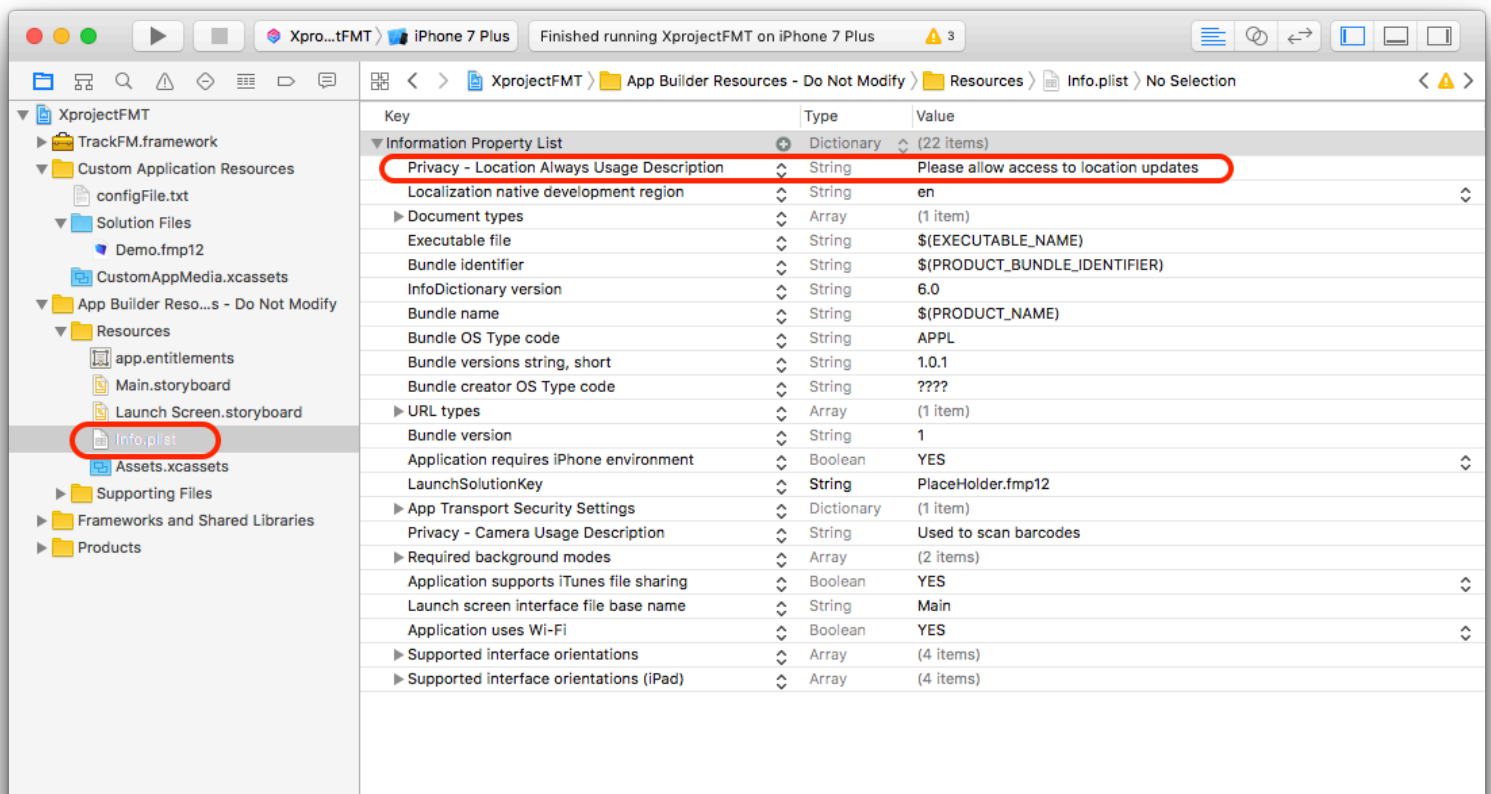
2. Turn on checkbox "Location updates" and "Background fetch":
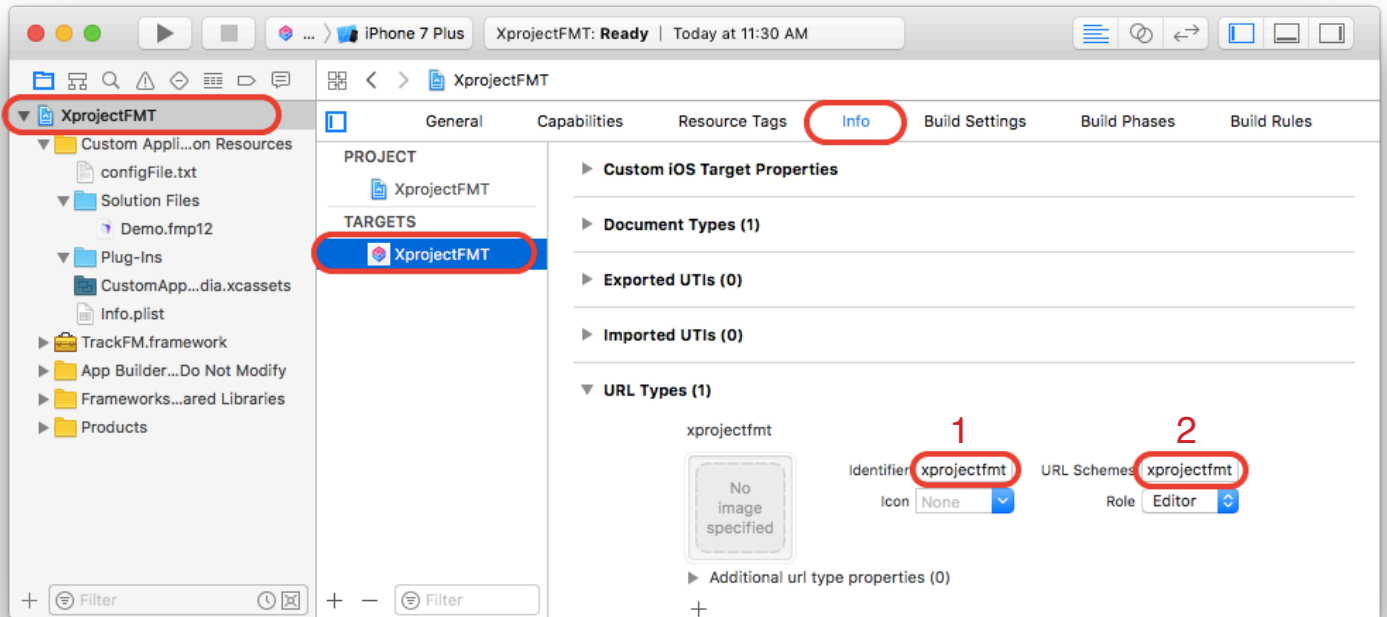


3. Add new line to the info section:

Privacy - Location Always Usage Description : Please allow access to location updates

4. add an URL identifier of your app two times:



**COMMANDS:**

1.  Use FileMakers "Open URL" script step to interact with a TrackFM.
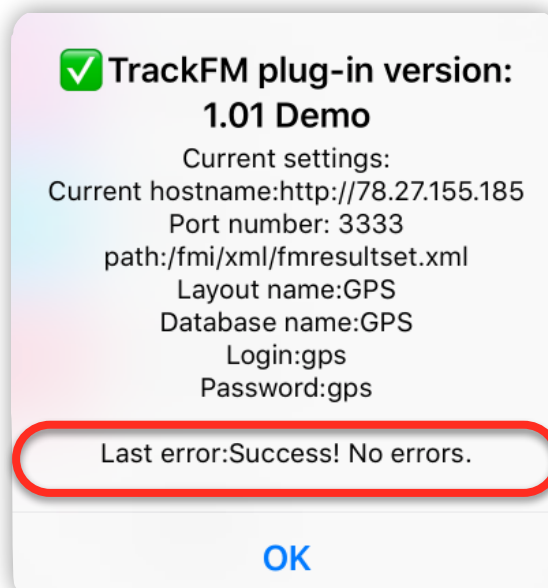
2.  Example of settings:

    Open URL [With dialog: Off; "imaster://trackfm?dbHost=http://192.168.1.1&dbPort=80&dbPath=/fmi/xml/fmresultset.xml&dbLayout=GPS&dbRemote=GPS&dbLogin=gps&dbPassword=gps"]

3.  To check settings and current status of TrackFM:
    Open URL [With dialog: Off; "imaster://trackfm?info=1"]
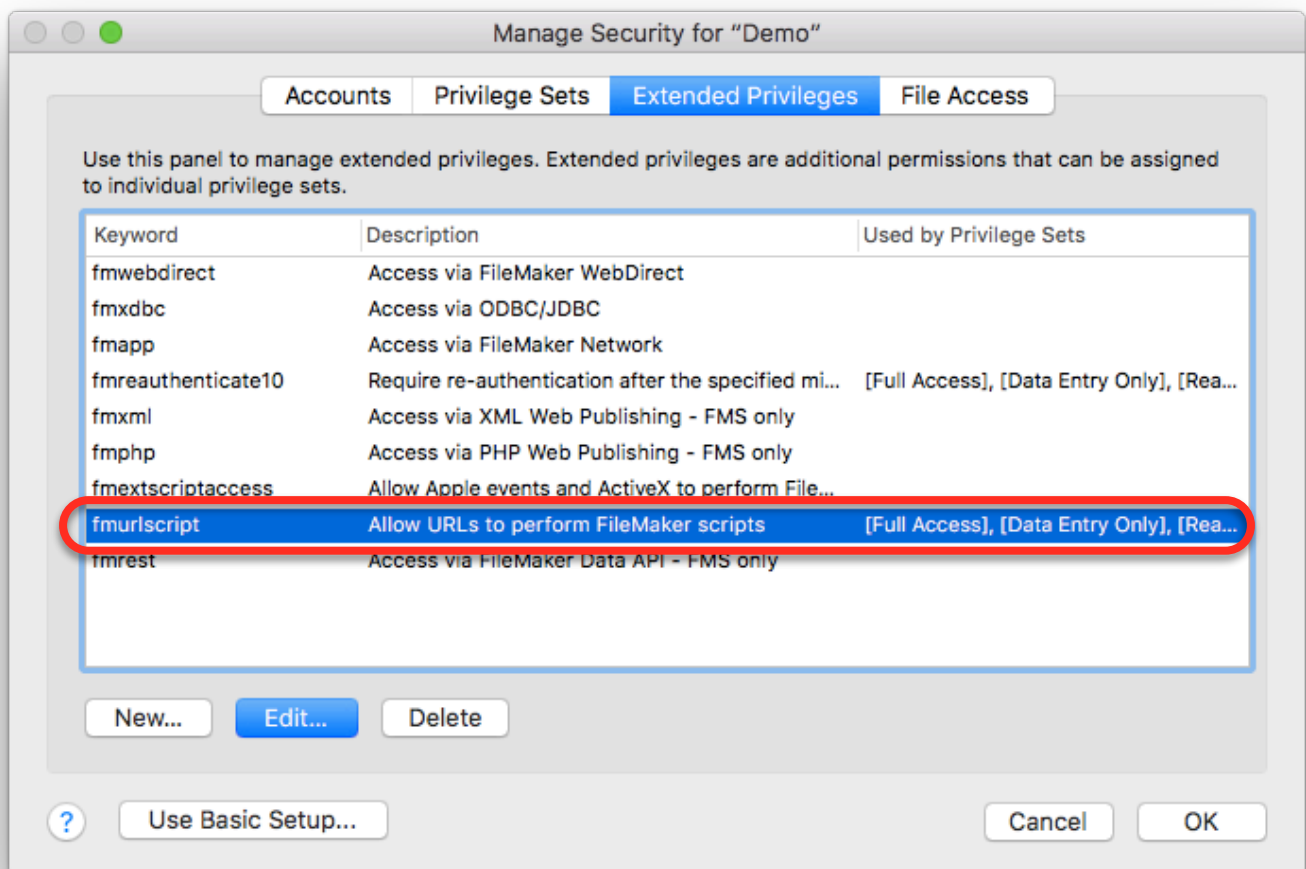
You should see such response:

**DEMO DATABASE FOR FILEMAKER SERVER:**

You could place this database to FileMaker Server, that will collect gps data or add similar fields to your own database.

https://imaster.tech/GPS.fmp12.zip

**ITEMS TO CHECK:**

Make sure, that your iOS database user is able to perform scripts via URL (in v.16 only)



**AUTOMATE INSTALLATION:**

You could always use XprojectFM free application to make all above steps automatically:

https://imaster.tech/xprojectfm.html

Alexey Dubov                                                                                        www.imaster.tech