MobileFirst Platform {dev}

Sample Application for Foundation on Bluemix

Overview

To complete your evaluation experience of IBM MobileFirst Platform Foundation on Bluemix, download the Wishlist sample application.

Note: No additional setup is required in your development computer for this evaluation. However, to run *applications on devices*, you might have to go through some prerequisite setup, such as device provisioning in Xcode. Such prerequisite steps are outside of the scope of this tutorial and of IBM MobileFirst Platform.

Topics

Wishlist sample application

The Wishlist application is meant for iOS, Android, or hybrid environments (iPhone, Android).
The application implements the following functionality:

- Fetches catalog data (a hard-coded list of items) from a web service by using the catalog adapter.
- Contains a secured wishlist area which allows users to save catalog items or custom items (by manually entering the item details) into a store. By default, the store uses a Cloudant database, but if it is configured otherwise, it can store data by using the local file store.

Downloading the sample application

Native iOS app

Click to download the native iOS application from GitHub

Native Android app

Click to download the native Android application from GitHub

Hybrid app

Click to download the hybrid application from GitHub

Configuring the sample application

To have the sample application connect to the MobileFirst Server instance that is running in your Foundation on Bluemix instance, follow the next steps for a hybrid or native app:

Hybrid sample

Open the application in your favorite IDE

- **iOS:** Navigate to *sample-folder**apps**app-name**iphone**native* and double-click the *.xcodeproj* file.
- **Android:** Open the *sample-folder**apps**app-name**android**native* folder in Android Studio.

Provide the Server IP address

1. In the container Overview page, find the Server IP address.
2. Run the app from Xcode/Android Studio into your device and supply the IP address in the application UI, or
3. Paste the IP address:
   - **iOS:** In Xcode, find the *worklight.plist* file and edit the *host* property with the IP address.
   - **Android:** In Android Studio/Visual Studio, find the *wlclient.properties* file and edit the *host* property.

Run the application

Now that the application is set up, build and run it in the IDE of the selected environment.
The application will connect to the MobileFirst Server instance that runs in the Foundation installation on top of Bluemix.

Native sample

Open the application in your favorite IDE

- **iOS:** Navigate to *sample-folder* and double-click the *.xcodeproj* file.
- **Android:** Open the project folder in Android Studio.

Provide the Server IP address

1. In the container Overview page, find the Server IP address.

2. Run the app from Xcode/Android Studio into your device and supply the IP address in the application UI, or
3. Paste the IP address:
   - **iOS:** In Xcode, find the *worklight.plist* file and edit the *host* property with the IP address.
   - **Android:** In Android Studio, find the *wlclient.properties* file and edit the *host* property.

Run the application

Now that the application is set up, build and run it in the IDE of the selected environment. The application will connect to the MobileFirst Server instance that runs in the Foundation installation on top of Bluemix.

What's next

You can now edit the application code.

If you are new to developing applications in IBM MobileFirst Platform, you are encouraged to learn more about it. You can develop applications either in MobileFirst Studio — an Eclipse plug-in that provides an IDE-like experience — or on the Command Line Interface, which you can use with your favorite IDE.

After you've downloaded the tool of your choice, learn about the possibilities in the Getting Started section.