

Cordova end-to-end demonstration

Overview

The purpose of this demonstration is to experience an end-to-end flow where an application is quickly created using the MobileFirst Operations Console and connectivity is verified with the MobileFirst Server.

Prerequisites:

- Configured Xcode for iOS, Android Studio for Android or Visual Studio 2013/2015 for Windows 8/10
- *Optional* Stand-alone MobileFirst Server (download (file:///home/travis/build/MFPSamples/DevCenter/_site/downloads))

1. Starting the MobileFirst Server

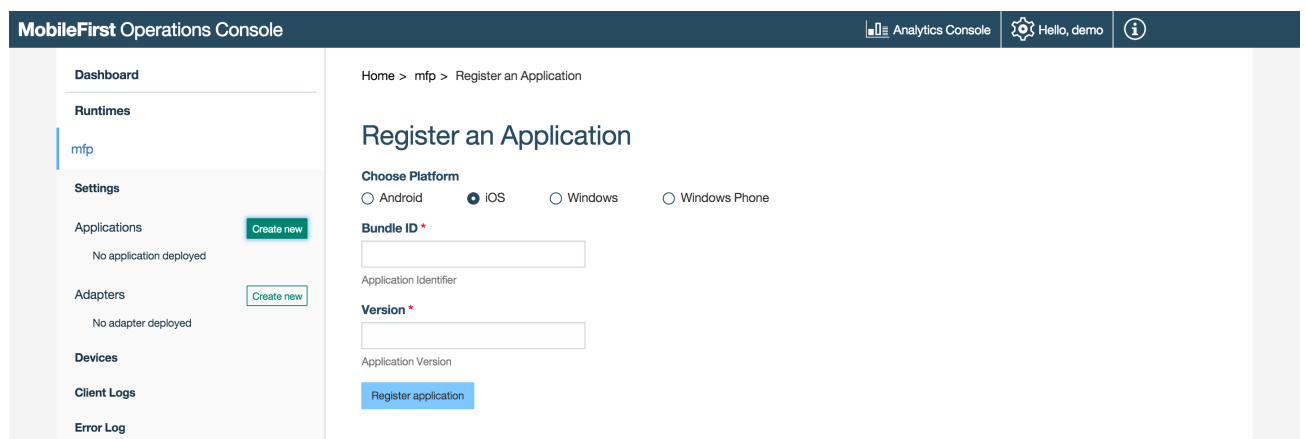
If a remote server was already set-up, skip this step.

From a **Command-line** window, navigate to the server's **scripts** folder and run the command: `./start.sh` in Mac and Linux or `start.cmd` in Windows.

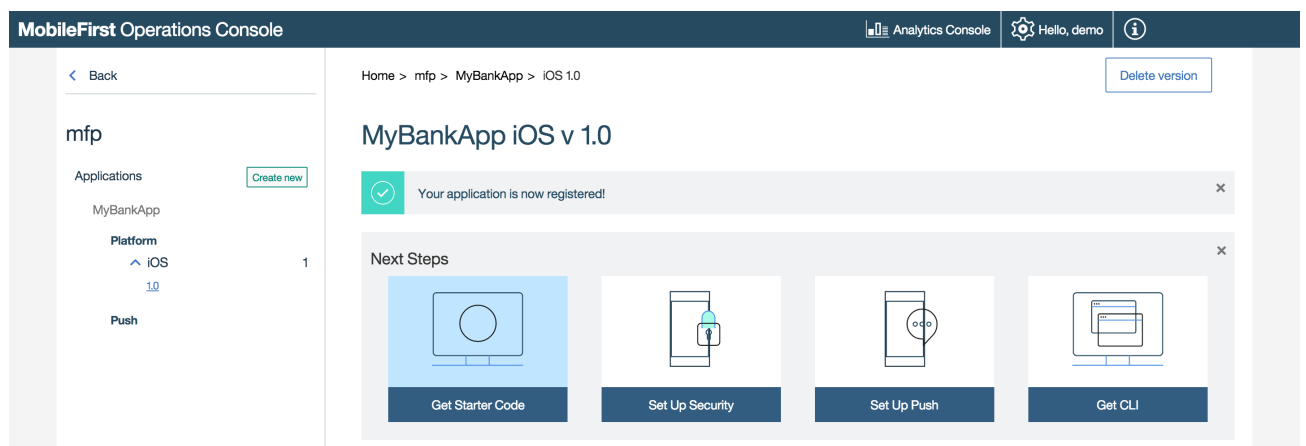
2. Creating an application

In a browser window, open the MobileFirst Operations Console by loading the URL: `http://your-server-host:server-port/mfpconsole`. If running locally, use: `http://localhost:9080/mfpconsole` (`http://localhost:9080/mfpconsole`). The username/password are *admin/admin*.

1. Click on the "Create new" button next to **Applications** and select the desired *platform*, *identifier* and *version* values.



2. Click on the **Get Starter Code** tile and select to download the Cordova Starter Code.



3. Editing application logic

1. Open the Cordova project in your code editor of choice.
2. Select the **www/js/index.js** file and paste the following code snippet inside the `wlCommonInit()` function:

```
WLAuthorizationManager.obtainAccessToken()
.then (
  function() {
    alert("Access token granted");
  },
  function(error) {
    alert("Access token not granted: " + error);
  }
);
```

4. Testing the application

1. From a **Command-line** window, navigate to the Cordova project root folder.
2. Run the commands: `cordova prepare` followed by `cordova run`.
 - If a device is connected, the application will be installed and launched in the device,
 - Otherwise the Simulator or Emulator will be used.

Next steps

- Review the Adapter end-to-end demonstration ([../adapter](#))
- Review the Client-side development tutorials ([../client-side-development/](#))
- Review All Tutorials ([../all-tutorials](#))