

Adapter end-to-end demonstration

Overview

The purpose of this demonstration is to experience an end-to-end flow where an adapter is quickly created using the MobileFirst Operations Console, and the application is able to get a response from the MobileFirst Server using an MobileFirst Adapter.

Prerequisites:

- Configured Xcode for iOS, Android Studio for Android or Visual Studio 2013/2015 for Windows 8/10
- Maven and MobileFirst CLI installed
- *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.

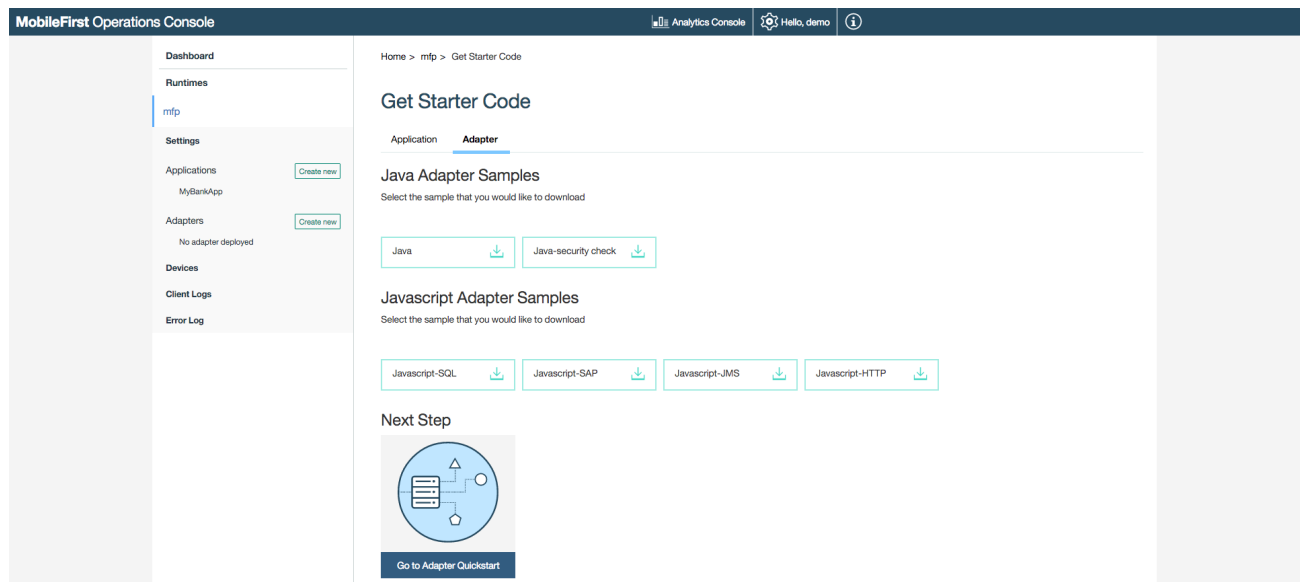
From a **Command-line** window, navigate to the server's **scripts** folder and run the command: `./start.sh` in Mac and Linux or `start.cmd` in Windows.

2. Creating an adapter

1. Click on the "Create new" button next to **Adapters** and download the **JavaScript-HTTP** adapter sample.

If Maven and MobileFirst CLI are not installed, follow the **Setting up your environment** instructions to install.

The screenshot shows the MobileFirst Operations Console interface. The left sidebar contains navigation links: Dashboard, Runtimes, mfp, Settings, Applications (with a 'Create new' button), Adapters (with a 'Create new' button), Devices, Client Logs, and Error Log. The main content area is titled 'Create a new Adapter' and includes a 'Deploy Adapter' button. Below the title, it says 'It seems like you don't have any adapters, lets get started'. A section titled 'Follow these steps to set up an adapter' lists five steps: 1. Setting up your environment, 2. Start with a sample adapter (which is expanded to show 'Console', 'CLI', and 'Maven' tabs, with a console output area below), 3. In your IDE of choice, edit the adapter code - REST end points and adapter descriptor, 4. Build and package, and 5. Upload adapter. A 'Hide guide' link is also present.



- From a **Command-line** window, navigate to the adapter's Maven project and run the command:

```
mfpdev adapter build
```

- From a **Command-line** window, navigate to the adapter's Maven project and run the command:

```
mfpdev adapter deploy
```

If using a remote MobileFirst Server, run the command:

```
mfpdev adapter deploy Replace-with-remote-server-name
```

3. Editing application logic

Open the application project and paste the following code snippet:

```
WLResourceRequest code snippet here
```

5. Testing the adapter

Testing using an application

To test the adapter using an application is not already available, follow the instructions to quickly create an application (../).

Testing using Postman

waiting for text from Lior

Next steps

- To add an adapter follow the Adapter end-to-end demonstration (../adapter)
- Review All Tutorials (../all-tutorials)

