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

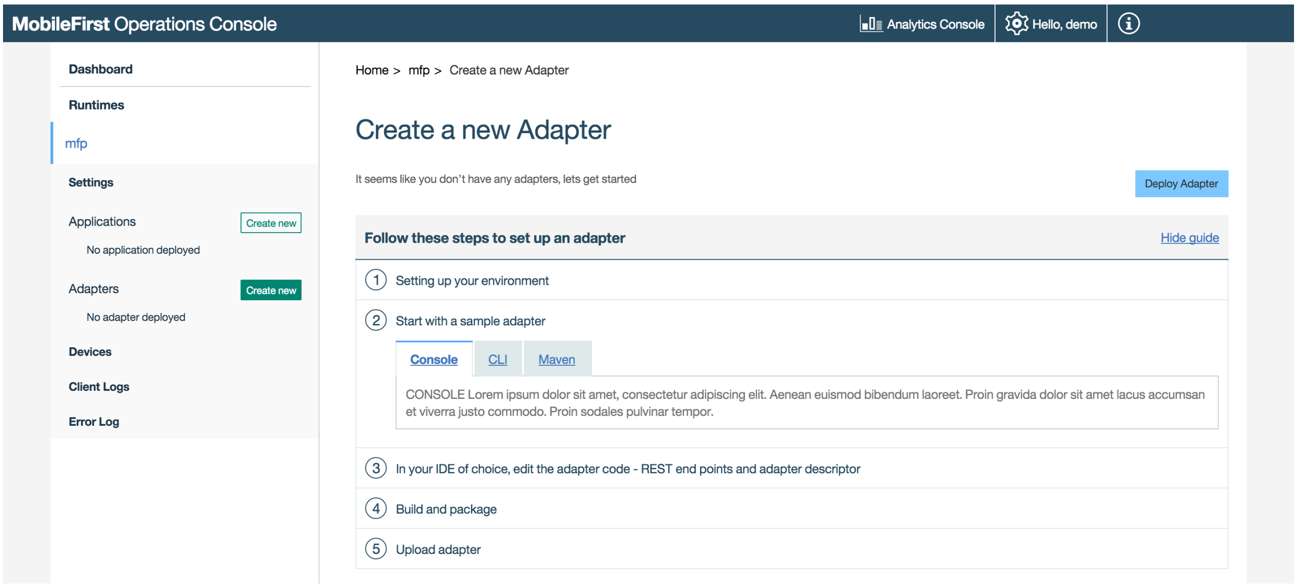
> If a remote server was already set-up, skip this step.

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.



No application deployed

No adapter deployed

Home > mfp > Create a new Adapter

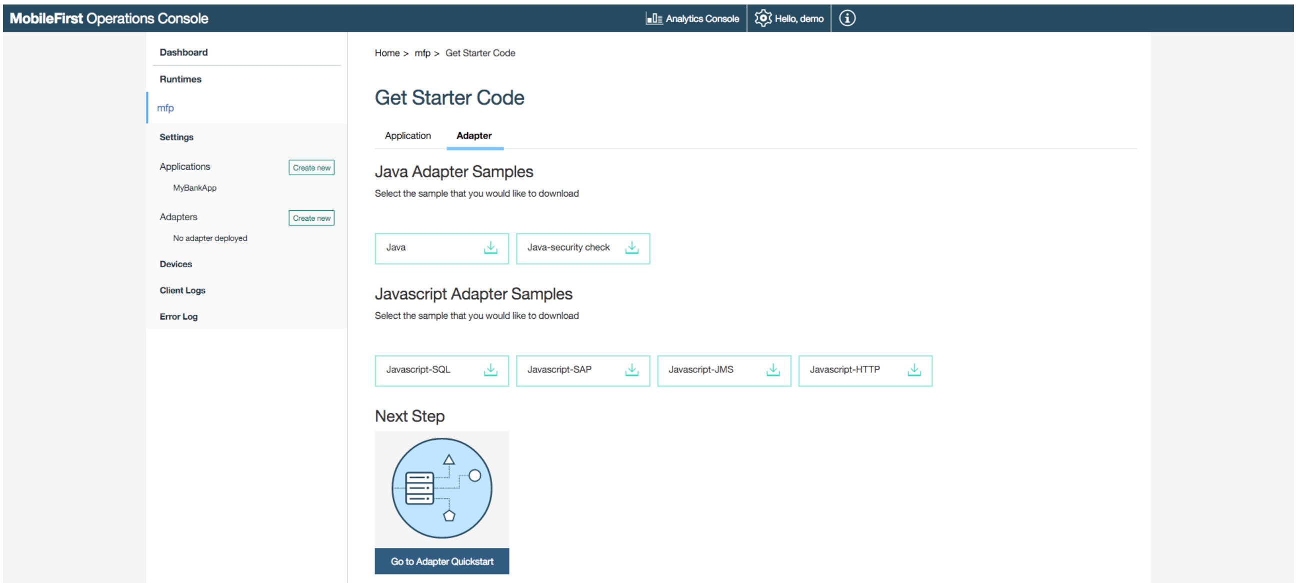
Create a new Adapter

It seems like you don't have any adapters, lets get started

Follow these steps to set up an adapter

1. Setting up your environment
2. Start with a sample adapter

   CONSOLE Lorem ipsum dolor sit amet, consectetur adipiscing elit. Aenean euismod bibendum laoreet. Proin gravida dolor sit amet lacus accumsan et viverra justo commodo. Proin sodales pulvinar tempor.
3. In your IDE of choice, edit the adapter code - REST end points and adapter descriptor
4. Build and package
5. Upload adapter



Get Starter Code

Java Adapter Samples

Select the sample that you would like to download

Javascript Adapter Samples

Select the sample that you would like to download

Next Step

3. Editing adapter logic

Update adapter name

1. Open the adapter's Maven project in your IDE of choicea, navigate to the **[adapter-project/src/main/js/adapter-impl.js]** and paste the following code snippet:

```
WLResourceRequest code snippet here
```

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

```
mfpdev adapter build
```

3. When the build finishes, run the command:

```
mfpdev adapter deploy
```

If using a remote MobileFirst Server, run the command:

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

4. Testing the adapter

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

Update command

```
mfpdev adapter call MyHTTPAdapter/MyProcedure ...
```

Next steps

- Learn how to make resource request calls using adapters from the application logic (../../server-side-development)
- Review All Tutorials (../../all-tutorials)