

Previewing your application on Mobile Web and Desktop Browser

Overview

Prerequisite: Make sure to read [Previewing the web resources of your application \(../hello-world/previewing-applications-web-resources/\)](#).

This tutorial covers the following topics.

- Mobile Web and Desktop Browser environment specifics
- Previewing the application in the Mobile Web Simulator
- Running the application in a physical device

Mobile Web and Desktop Browser environment specifics

The Mobile Web and Desktop Browser environments have an additional file, `worklight.manifest`, which is a cache manifest file that allows you to manage and edit the contents of the application cache.



Previewing the application in the Mobile Web Simulator

CLI

From a terminal window, use the `mfp console` command to open MobileFirst Conosle.

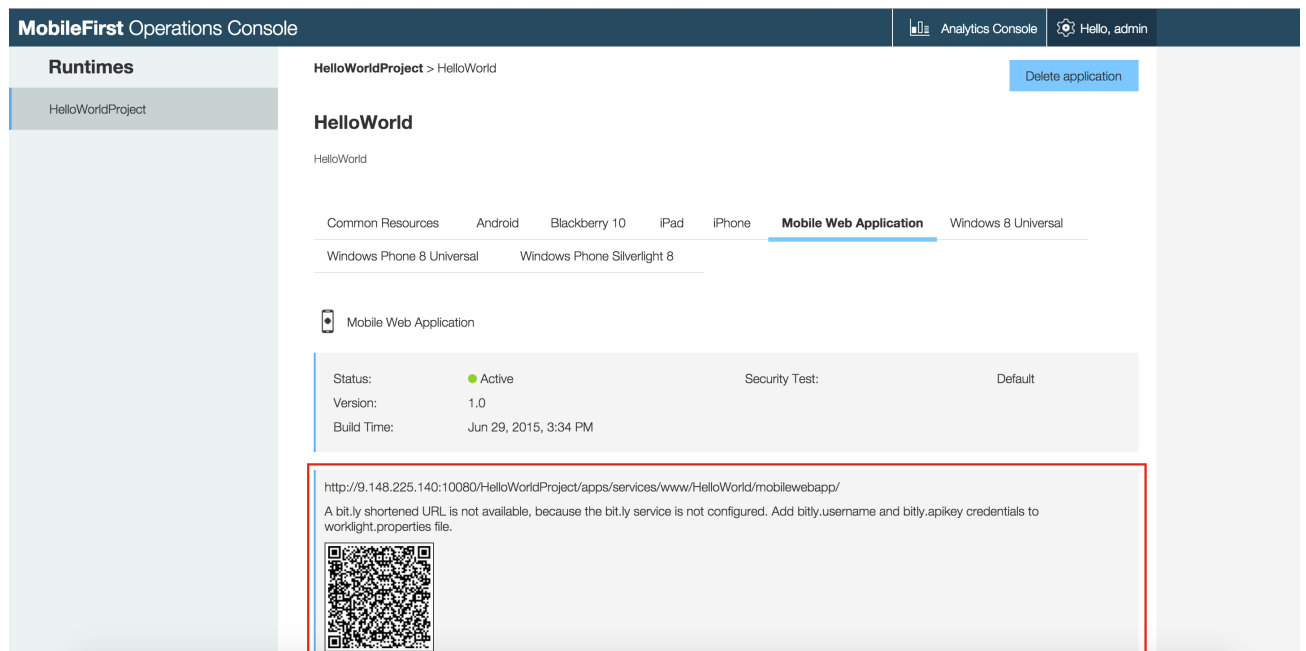
MobileFirst Studio

The desktop browser web page is, in fact, a web page, and thus it is not displayed in the Mobile Browser Simulator. Instead, a new tab opens up and presents the web page.

Running the application in a physical device

To get the URL of a mobile web application:

1. Browse to the **Mobile Web Application** environment in the MobileFirst Operations Console (`../../hello-world/mobilefirst-console/`).
2. Copy the regular or shortened URL from the pop-up window, or use the QR code.
To provide a shortened URL, provide your `bit.ly` account username and password in the `worklight.properties` file.
3. Enter the shortened URL in the mobile browser of your device.



The screenshot displays the MobileFirst Operations Console interface. The top navigation bar includes 'MobileFirst Operations Console', 'Analytics Console', and a user profile 'Hello, admin'. The left sidebar shows 'Runtimes' with 'HelloWorldProject' selected. The main content area is titled 'HelloWorldProject > HelloWorld' and features a 'Delete application' button. Below this, the 'HelloWorld' application is shown with various deployment targets: Common Resources, Android, Blackberry 10, iPad, iPhone, **Mobile Web Application** (selected), Windows 8 Universal, Windows Phone 8 Universal, and Windows Phone Silverlight 8. A 'Mobile Web Application' section displays the status as 'Active', version '1.0', and build time 'Jun 29, 2015, 3:34 PM'. A red box highlights the URL `http://9.148.225.140:10080/HelloWorldProject/apps/services/www/HelloWorld/mobilewebapp/` and a QR code. A message below the QR code states: 'A bit.ly shortened URL is not available, because the bit.ly service is not configured. Add bitly.username and bitly.apikey credentials to worklight.properties file.'