

# 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 tabs: 'Common Resources', 'Android', 'Blackberry 10', 'iPad', 'iPhone', 'Mobile Web Application' (which is active), and 'Windows 8 Universal'. Under the 'Mobile Web Application' tab, there is a section for 'Mobile Web Application' with details: Status (Active), Version (1.0), Build Time (Jun 29, 2015, 3:34 PM), and Security Test (Default). 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.'