

# Previewing your application on BlackBerry 10

## 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.

- Previewing the application in the BlackBerry Ripple Emulator
- Running the application in a physical device or simulator

## Previewing the application in the BlackBerry Ripple Emulator

**Prerequisite:** To be able to preview the application in the Ripple Emulator, you must first install Ripple. Ripple is a Chrome extension that can be downloaded and installed from the [Chrome Web Store](#). After Ripple is installed, follow these steps.

## CLI

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

## MobileFirst Studio

1. To preview the BlackBerry environment from the MobileFirst Operations Console, click the **eye** icon and then click **Open Simple Preview**.

### Mobile Browser Simulator

The Mobile Browser Simulator displays mobile web pages in a variety of mobile browser sizes and shapes.



2. Enable Ripple by clicking **Enable** from the extension menu in Chrome.

3. If you get the following screen, select **BlackBerry 10 WebWorks (1.0.0)** to proceed with previewing the application.



The page autorefreshes and the environment web resources are displayed in the Ripple Emulator.



## Running the application in a physical device or simulator



**Prerequisite:** Before proceeding, you must have the BlackBerry WebWorks SDK installed. For more information, see [Setting up your BlackBerry 10 development environment \(../../setting-up-your-development-environment/setting-blackberry-10-development-environment/\)](#).

1. In Ripple, on the right menu, click **Build**, and then click the **Settings...** button at the bottom.
2. Enter the following package settings.



The screenshot shows a 'Settings' dialog box with a close button (X) in the top right corner. The 'Package' tab is selected. The settings are organized into three sections: 'Build', 'Sign', and 'Launch'. The 'Build' section includes fields for 'SDK Path', 'Project Root', 'Archive Name', and 'Output Folder', along with a checkbox for 'Enable Remote Web Inspector'. The 'Sign' section includes fields for 'Signing Password' and 'Bundle Number'. The 'Launch' section includes a dropdown for 'Target' (set to 'Simulator'), and fields for 'Device IP' and 'Device Password'.

Section	Setting	Value / Type
Build	SDK Path	Text input field
	Project Root	Text input field
	Archive Name	Text input field
	Output Folder	Text input field
	Enable Remote Web Inspector	Checkbox (unchecked)
Sign	Signing Password	Text input field
	Bundle Number	Text input field
Launch	Target	Simulator (dropdown)
	Device IP	Text input field
	Device Password	Text input field

**SDK Path:** The path where BlackBerry WebWorks SDK is installed.

**Project root:** The root folder of your project. To find the root folder, right-click the native folder in your Eclipse blackberry environment and select **Properties**.

**Archive Name:** The name for your archive.

**Output Folder:** The folder where to output the application. Specify a folder outside your project.

**Signing Password:** Sign your app with a BlackBerry 10 developer certificate to run it on a BlackBerry 10 handset. Specify your certificate password here. Signing is NOT required to run the application in the BlackBerry 10 Simulator.

**Launch:** You can find the Device IP address from the BlackBerry Desktop Manager or in the device settings.

3. After the package settings are defined, open the Ripple menu in Chrome and click **start services**.
4. Select one of the Packaging options.