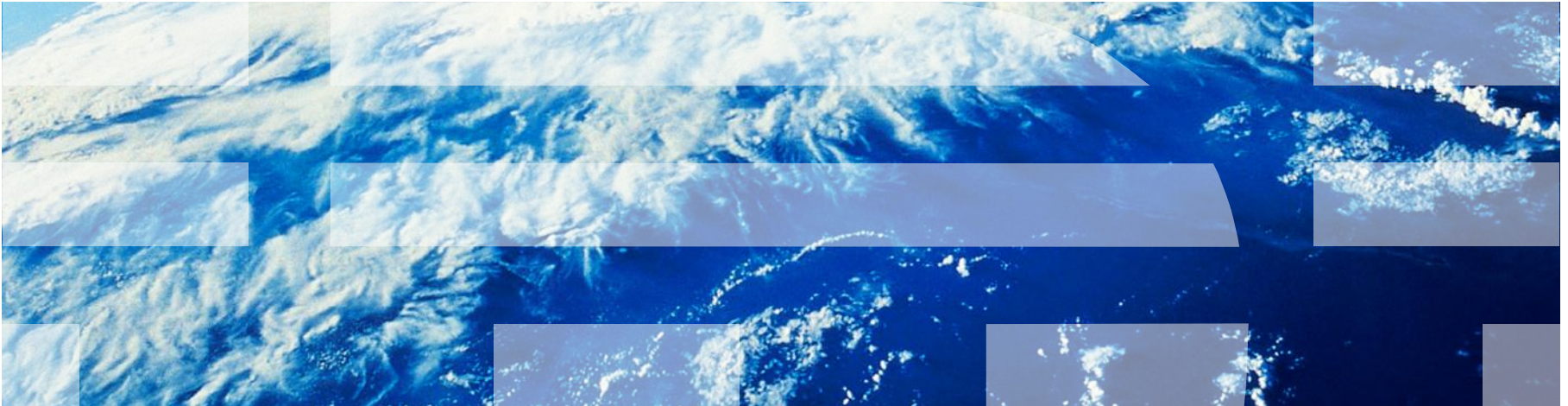


IBM Worklight Foundation V6.2.0 Getting Started

General information when developing for BlackBerry 6 and 7



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Agenda

- **Installation**
- BlackBerry development
 - Environment-specific images
- Testing
 - Debugging the application
- Publishing

Installation

See the ***Setting up your BlackBerry 6 and 7 Development Environment*** training module for a detailed explanation



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BlackBerry development – 1/2

- A BlackBerry app that is developed with IBM Worklight® Foundation is composed of the following components:
 - A set of JavaScript™ libraries that provide access to various device features and capabilities.
 - Web application code that is provided by the developer, that is written in HTML, CSS, and JavaScript, and that runs in one or more instances of the browser.
 - All the application components, including the web code that the developer provides, packaged into a single BlackBerry project.
- IBM Worklight Foundation supports BlackBerry devices that run BlackBerry OS version 6, 7.x and 10.x.
- If you use a source control management system (such as Rational Team Concert™, Git, or Subversion), see the IBM Worklight Foundation user documentation topic named “*Integrating with source control system*”.

BlackBerry development – 2/2

- It is useful to always consult the BlackBerry Documentation website when you develop applications.
 - <http://docs.blackberry.com/en/developers/?userType=21>

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Environment-specific images

- Icon
(80x80)



- Splash image
(200x39)



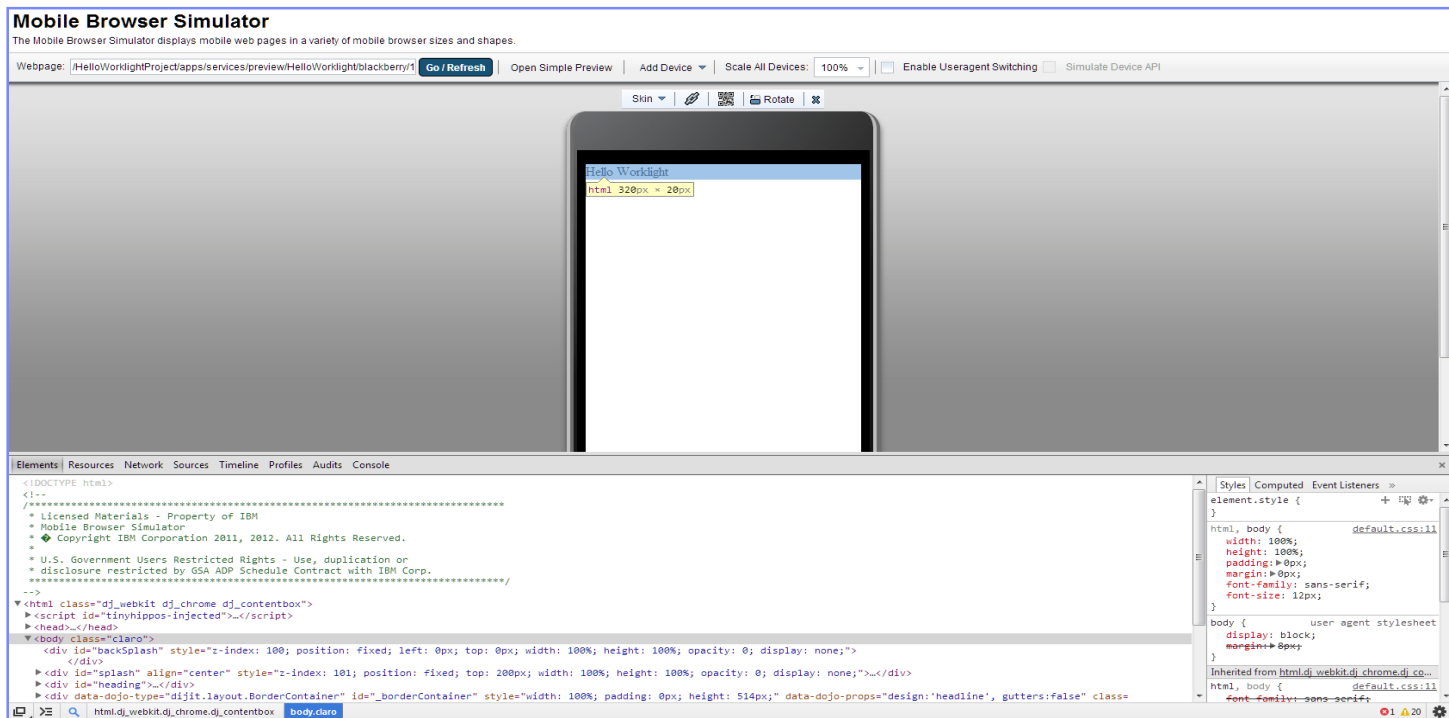
Agenda

- Installation
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Debugging the application – 1/4

Phase 1: Testing in your browser

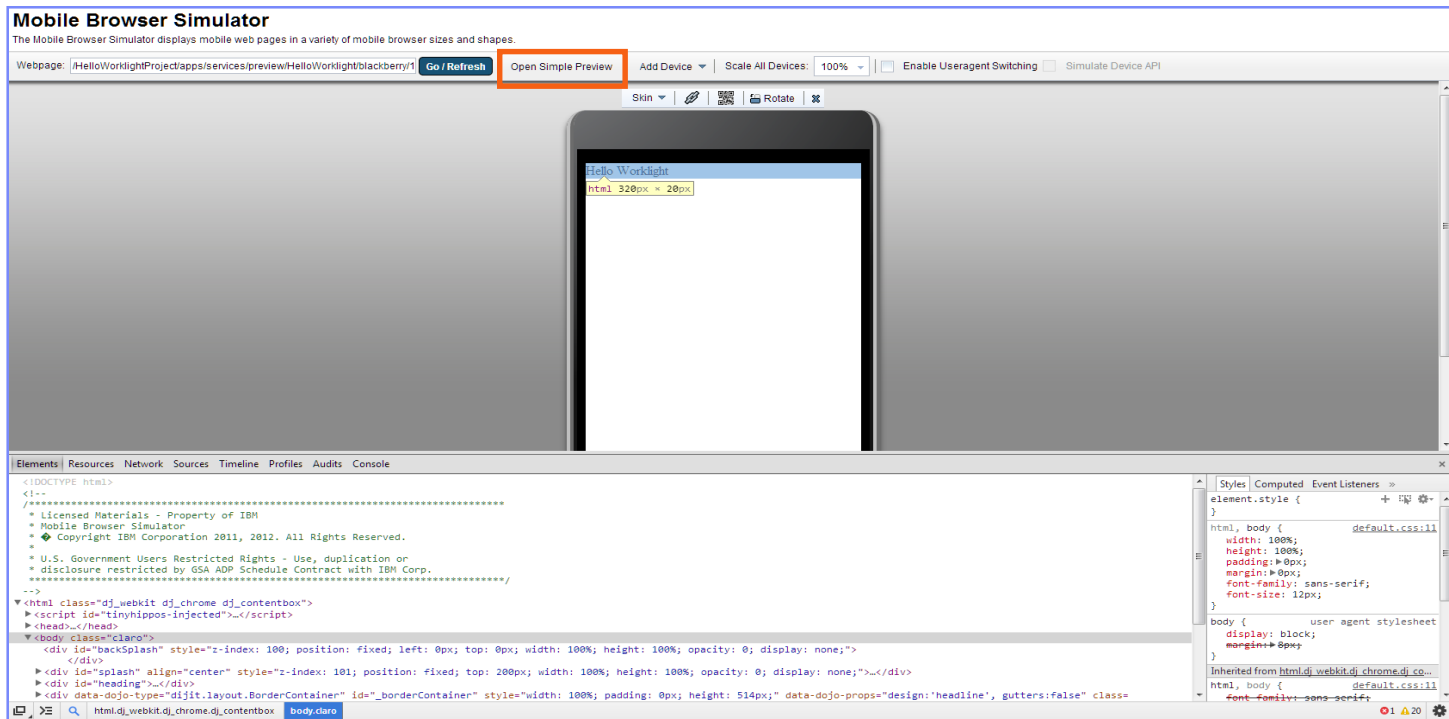
- Your BlackBerry app resources are previewed in the Mobile Browser Simulator, so you are able to debug it by using the facilities of the browser, such as Firebug or Developer toolbar.



Debugging the application – 2/4

Phase 2: Testing in BlackBerry Ripple

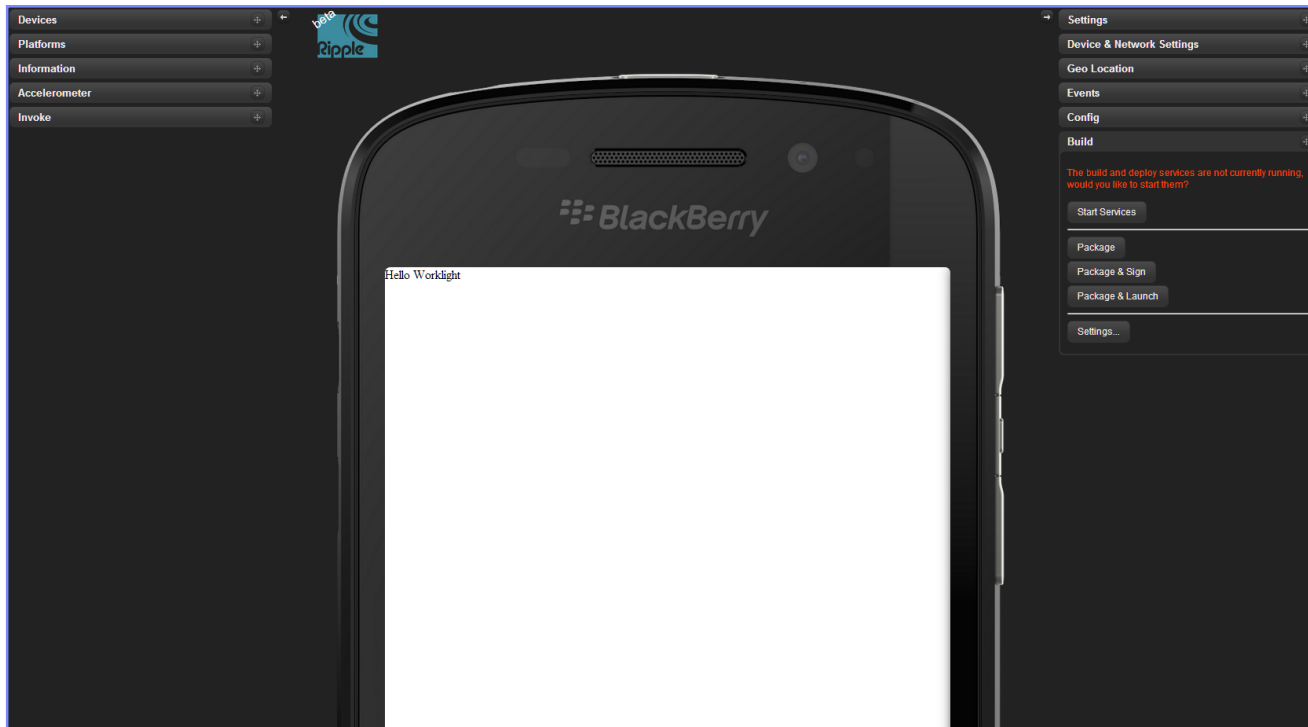
- To test your application on BlackBerry Ripple, preview the application in the MBS, then click the **Open Simple Preview** button.



Debugging the application – 3/4

Phase 2: Testing in BlackBerry Ripple

- Click the **Ripple extension** icon on the upper right side of your browser, and click **enable**. The current URL opens inside Ripple.



Debugging the application – 4/4

Phase 3: Testing in a BlackBerry Simulator and device

- Use BlackBerry Ripple to package, and optionally to sign, your application.
- Load your application to a BlackBerry Simulator or device.
 - For more information, see the *Previewing Your Application In BlackBerry 6 and 7 environment* training module.
- For more information about application packaging, see the documentation area of the HTML5 WebWorks on the [BlackBerry Developer website](#).

Agenda

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- Testing
 - Debugging the application
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Publishing

- Deploy your BlackBerry application through the BlackBerry App World.
 - For more information about this process, see https://developer.blackberry.com/html5/documentation/distributing_your_app_1866990_11.html



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