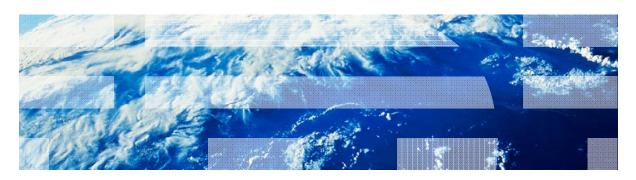


# IBM Worklight V5.0.6 Getting Started

## Setting up your BlackBerry 10 development environment





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# Agenda

- BlackBerry WebWorks development overview
- Installing BlackBerry 10 WebWorks development tools
  - Ripple
  - SDK
  - Simulator
- Getting started with WebWorks
  - Design and develop apps
  - Publish your application



# BlackBerry WebWorks Development Overview

- BlackBerry WebWorks application development lifecycle consists of the following steps:
  - Developing the app web code by using the IDE of your choice
  - Previewing and debugging the app in the BlackBerry Ripple tool
  - Using WebWorks SDK to package the app web code
  - Running the application on a BlackBerry SmartPhone / Tablet Simulator or handset device
  - Signing and deploying the application to BlackBerry App World



# BlackBerry WebWorks Development Overview

- BlackBerry WebWorks SDK requires a 32-bit Java<sup>™</sup> Development Kid (JDK), version 1.6 or later, to be installed on the development host.
- To create a BlackBerry 10 application, first define the WEBWORKS\_HOME environment variable.
  - The value of this variable must be the path to your WebWorks SDK.

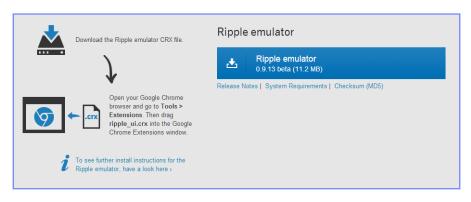


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- Ripple emulator is a Google Chrome browser extension for previewing your WebWorks application before packaging.
- See <a href="https://developer.blackberry.com/html5/download/">https://developer.blackberry.com/html5/download/</a> to download and install it.



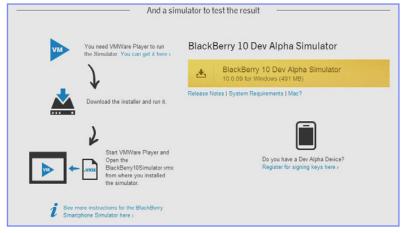


- Use BlackBerry Smartphone SDK to package applications.
- See <a href="https://developer.blackberry.com/html5/download/">https://developer.blackberry.com/html5/download/</a> to download and install it.





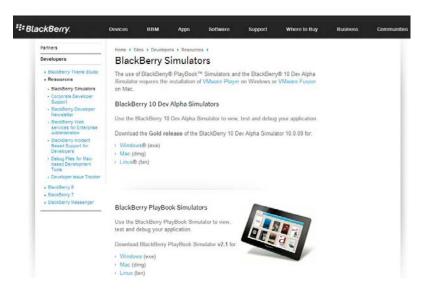
- Use BlackBerry Simulator to preview and debug your application in a simulated device environment.
- Download the simulator that is relevant to your development environment. For the BlackBerry 10 environment, download the BlackBerry 10 Dev Alpha simulator.





#### For other Blackberry simulators, see

http://us.blackberry.com/sites/developers/resources/simulators.html





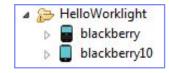
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# Getting Started With WebWorks

- Worklight® Studio generates a ready-to-use BlackBerry WebWorks project.
- Worklight® Studio includes 2 separate environments for Blackberry:
  - BlackBerry 6 and 7
  - BlackBerry 10



 For more information about the BlackBerry WebWorks development process, see the Getting Started section of BlackBerry documentation at

https://developer.blackberry.com/html5/documentation/what is a we bworks app 1845471 11.html



# **Publishing Your Applications**

- After your application is developed, you can publish it in the BlackBerry App World.
- Prior to publishing your application in the BlackBerry App World, you must sign and package it by using BlackBerry SmartPhone SDK.
- BlackBerry provides samples and tutorials that you can use as a starting point in WebWorks development
  - See <a href="https://developer.blackberry.com/html5/sampleapps/">https://developer.blackberry.com/html5/sampleapps/</a>
- You can find more information on the BlackBerry Developer website at <a href="https://developer.blackberry.com/html5/">https://developer.blackberry.com/html5/</a>



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