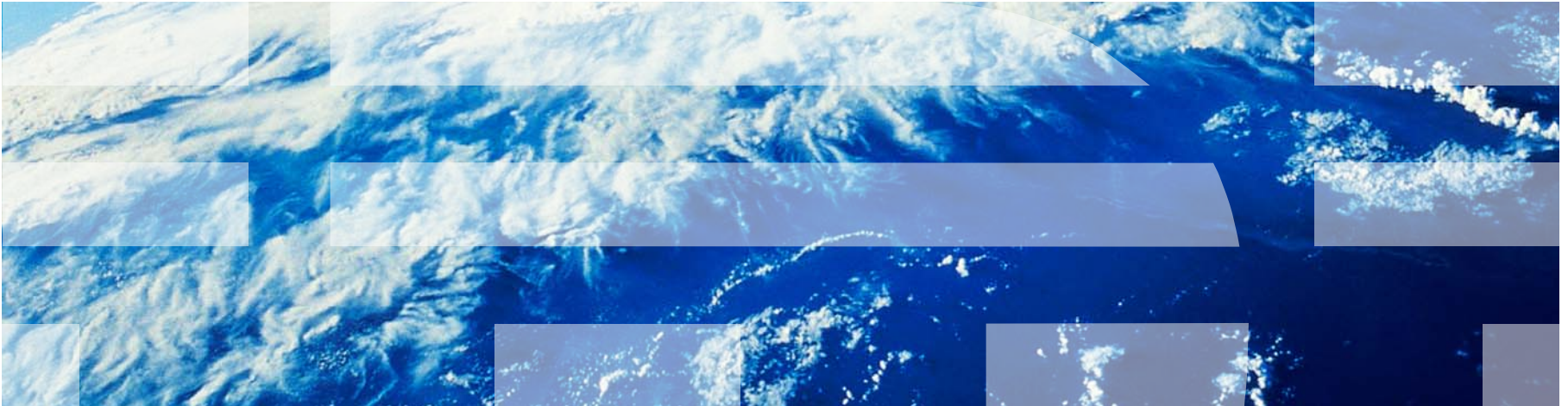


IBM Worklight V6.1.0 Getting Started

Previewing your application on Mobile Web and Desktop Browser



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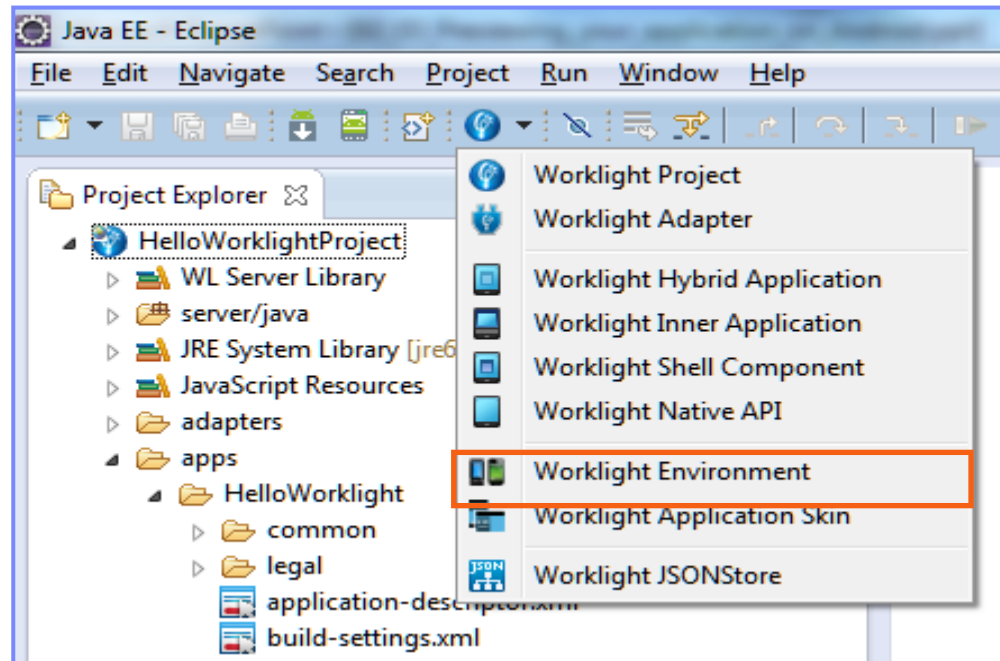
- See <http://www.ibm.com/ibm/us/en/>

Agenda

- Adding a Mobile Web or Desktop Browser environment
- Review of the environment folder structure
- Running your application in the Mobile Browser Simulator
- Running your application on a real device

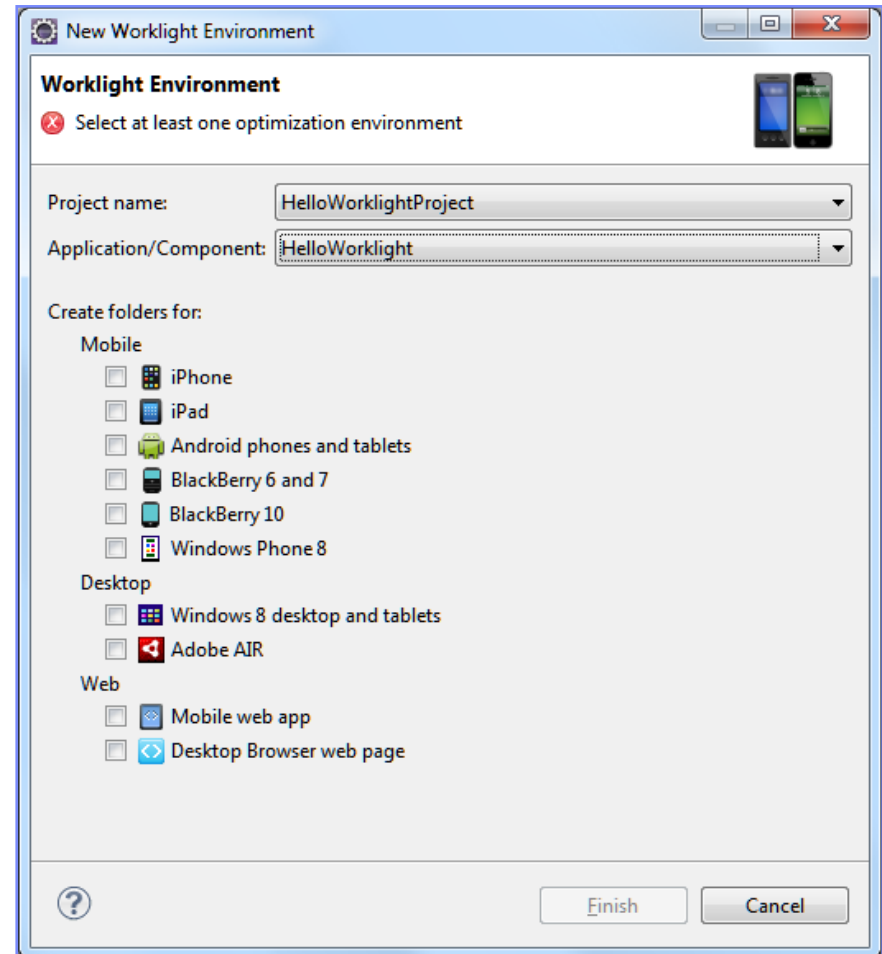
Adding a Mobile Web or Desktop Browser environment

- Click the IBM Worklight® icon and select **Worklight Environment** to add an environment to your application.



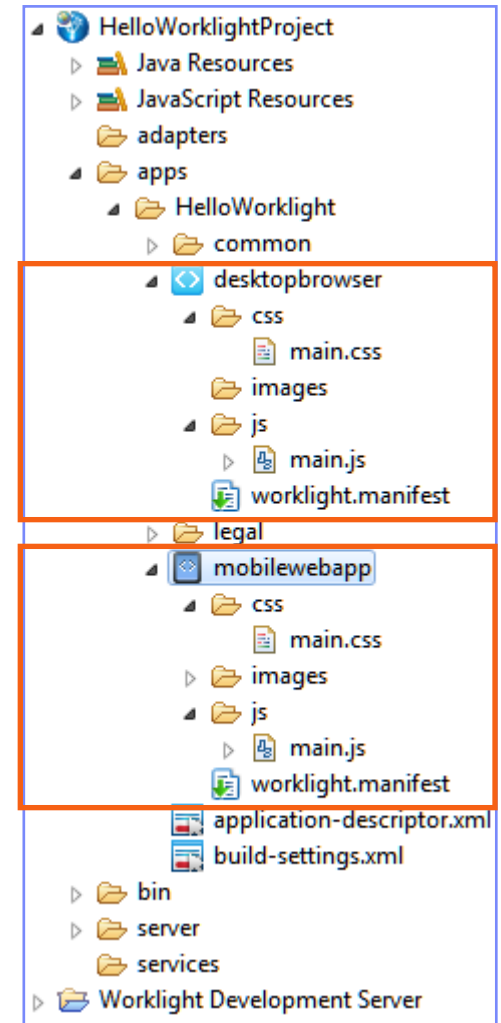
Adding a Mobile Web or Desktop Browser environment - continued

- Select the **Mobile Web app** or **Desktop Browser web page** check box, and then click **Finish**.



Adding a Mobile Web or Desktop Browser environment - continued

- The new **mobilewebapp** or **desktopbrowser** folder is added to your project.

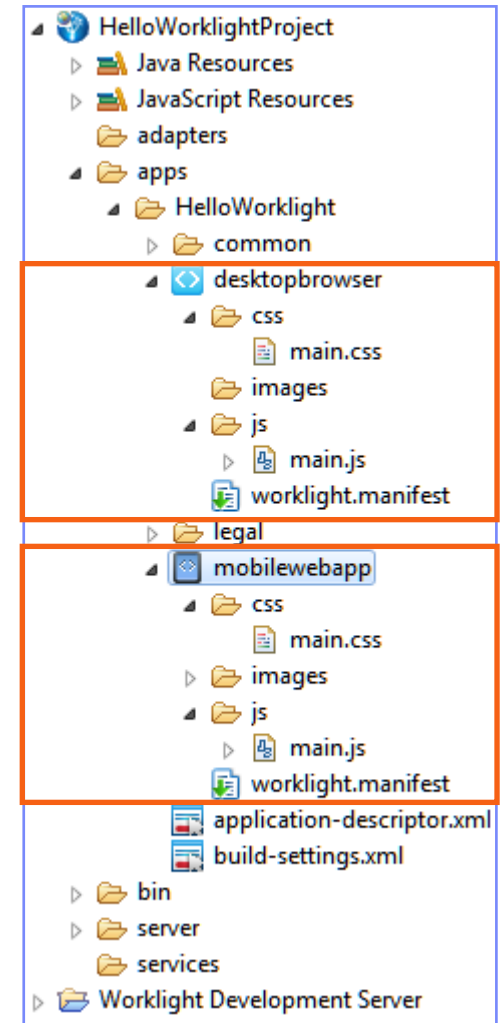


Agenda

- Adding a Mobile Web or Desktop Browser environment
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Review of environment folder structure

- The environment includes the following folders:
 - **css** – The properties that are specified here override the CSS files from the **common** folder.
 - **images** – environment-specific images can be added here. If an image with the same file name exists in the **common** folder, it is overwritten in the Mobile Web application.
 - **js** – Contains JavaScript™ that can extend and, if required, override JavaScript from the **common** folder.
- Also included is the file
 - **worklight.manifest** – A cache manifest file that allows for managing and editing the contents of the application cache.

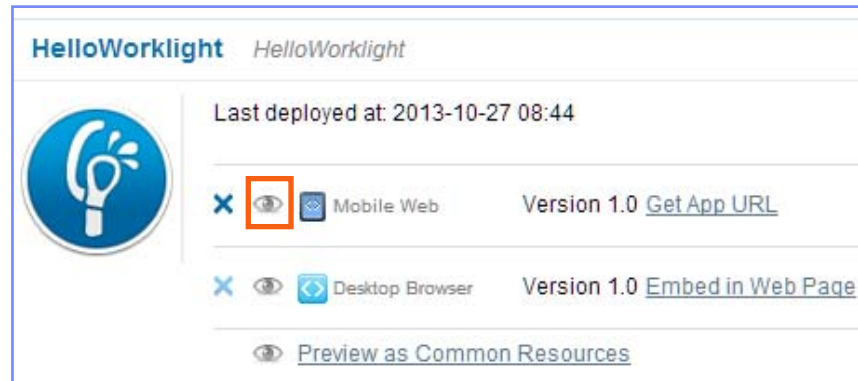


Agenda

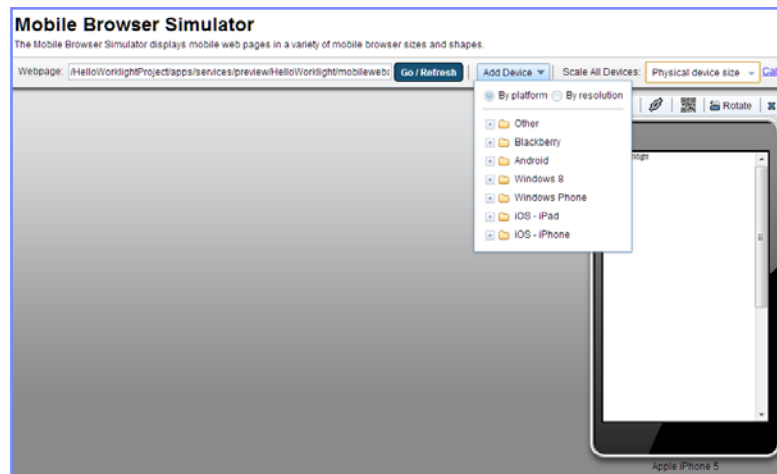
- Adding a Mobile Web or Desktop Browser environment
- Review of the environment folder structure
- **Running your application in the Mobile Browser Simulator**
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Running your application in the Mobile Browser Simulator

- To view the Mobile Web app simply click on the preview button in Worklight Console:

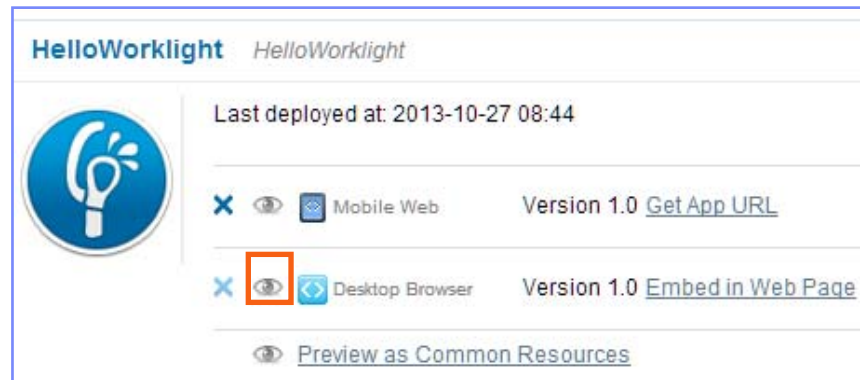


The application will be displayed in the MBS, where you can also choose the device it is previewed in.



Running your application in the Mobile Browser Simulator - continued

- The Desktop Browser web page is, in fact, a web page, and thus **will not display in the Mobile Browser Simulator**. Instead, a new tab will open up and present the web page.
- Simply click the preview button in Worklight Console:




Agenda

- Adding a Mobile Web or Desktop Browser environment
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Running your application on a real device

- To get the URL of a mobile web application, click the **Get App URL** link that is next to the **Mobile Web** icon.
- Copy the regular or shortened URL from the pop-up window, or use the QR code.
- To provide a shortened URL, your bit.ly account username and password must be provided in `worklight.properties`.
- Enter the shortened URL in your device's mobile browser.

The screenshot shows the HelloWorklight application interface. On the left, there is a blue circular icon with a white lightbulb. To the right of the icon, the text "HelloWorklight" is displayed. Below the icon, there is a "Last deployed at: 2013-10-21 08:36" timestamp. In the center, there is a "Mobile Web" icon and the text "Version 1.0". To the right of the "Mobile Web" icon, the "Get App URL" link is highlighted with a red box. Below the "Mobile Web" icon, there is a "Preview as Common Resources" link. On the right side, a pop-up window titled "Get URL of Mobile Web App" is displayed. The pop-up window contains the following information:

- Use these methods to access the mobile web app:
- Full URL: `http://9.148.225.168:10080/HelloWorklightProject/apps/services/www/HelloWorklight/mob`
- Shortened URL: `http://bit.ly/19VThbE`
- QR Code:  Right-click to save the image
- Close button

Exercise

- Use the HelloWorld application that you created earlier
 - Add a Mobile Web environment to it
 - Build and deploy your application on the Worklight Server
 - Run your application in your device

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