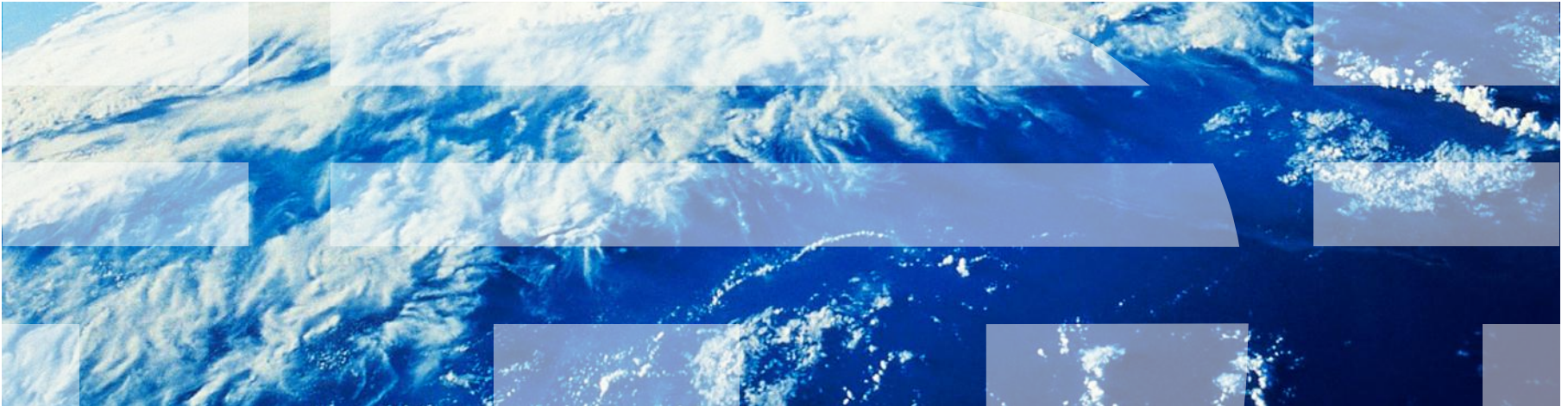


IBM Worklight Foundation V6.2.0 Getting Started

Previewing your application on mobile web and desktop browser



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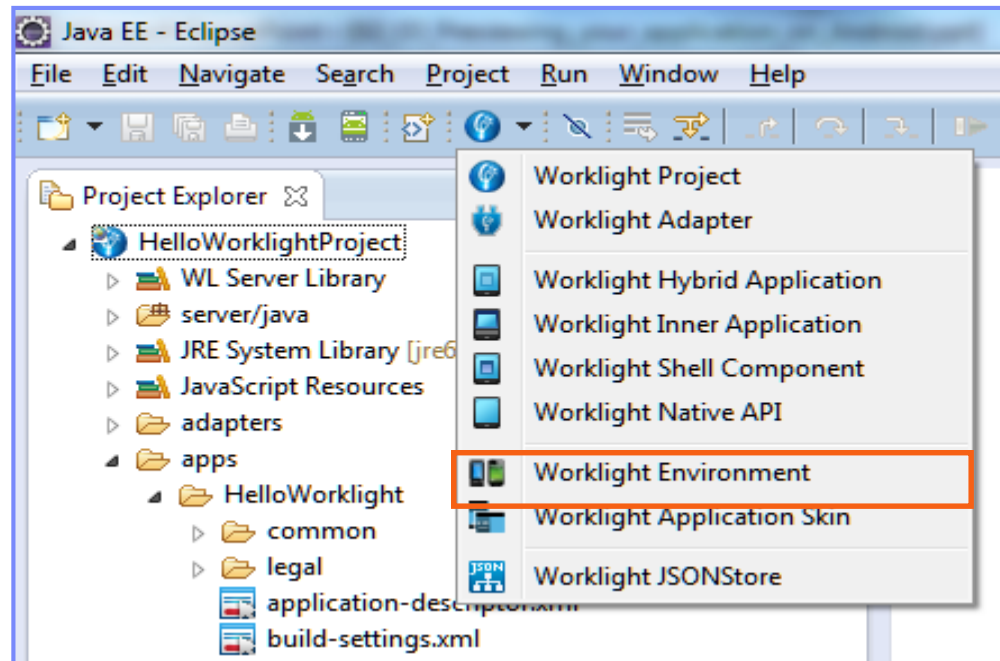
- See <http://www.ibm.com/ibm/us/en/>

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

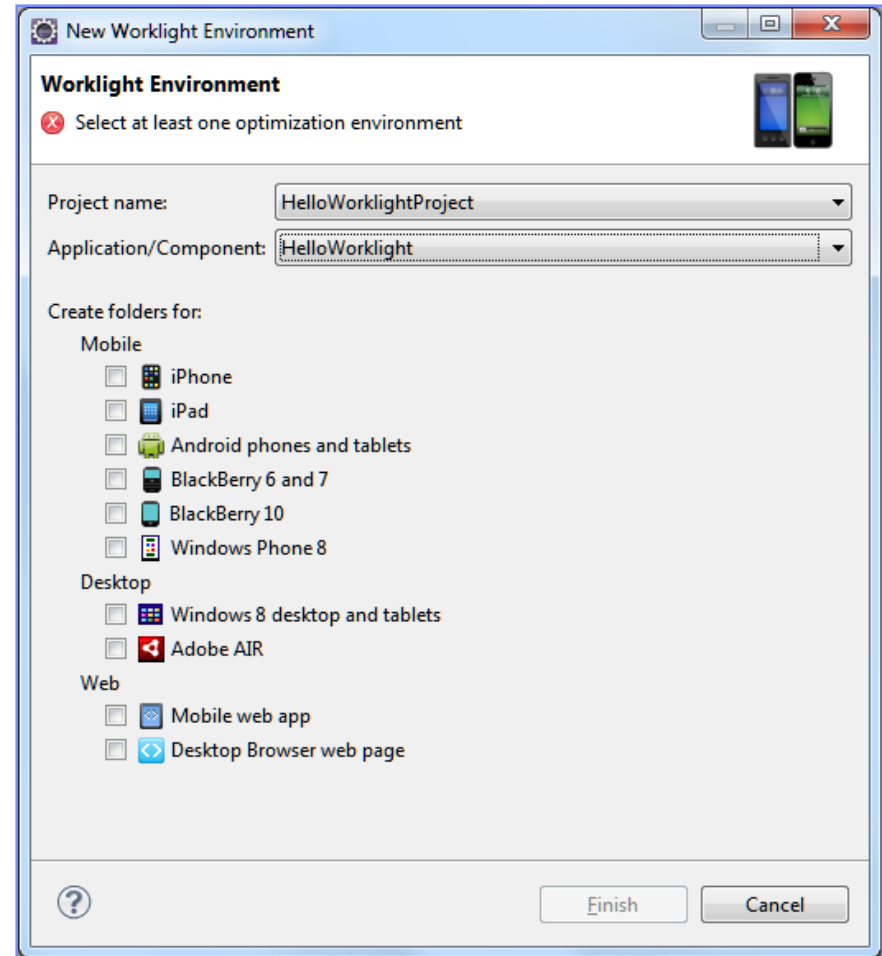
Adding a mobile web or desktop browser environment

- Click the 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

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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.

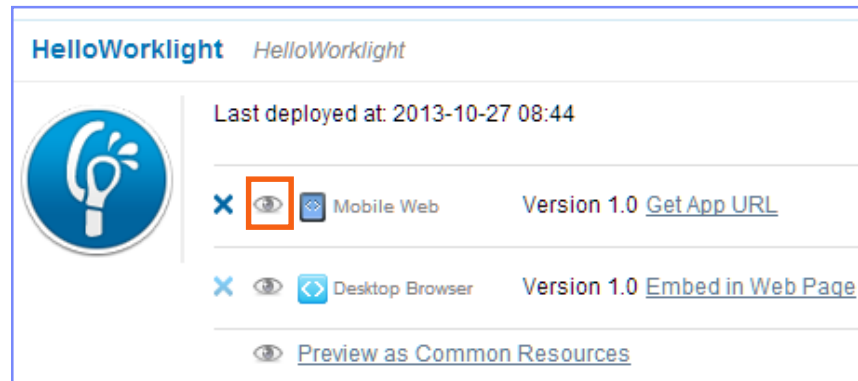


Agenda

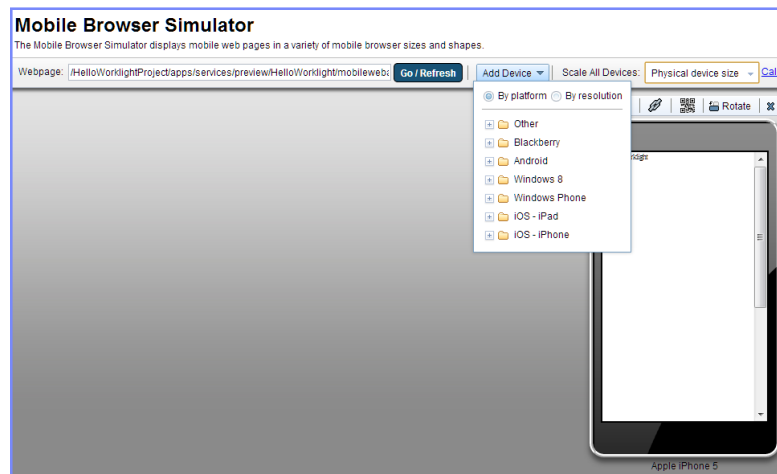
- Adding a mobile web or desktop browser environment
- Review of the environment folder structure
- **Running your application in the Mobile Browser Simulator**
- Running your application on a real device

Running your application in the Mobile Browser Simulator

- To view the mobile web app, simply click the preview button in Worklight Console:

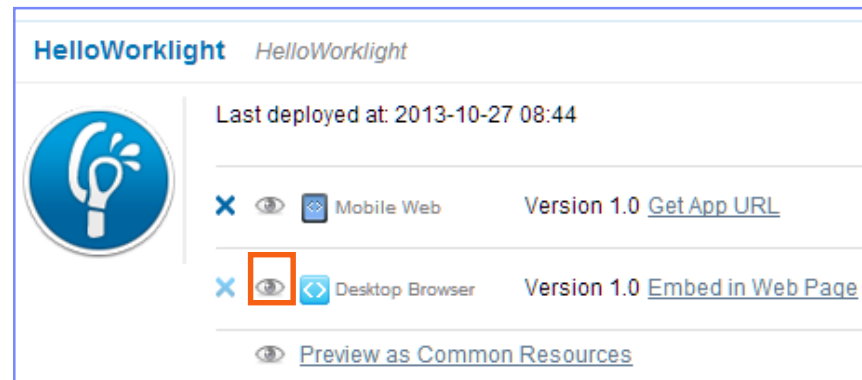


The application is displayed in the MBS, where you can also choose the device that it is previewed in.



Running your application in the Mobile Browser Simulator - continued

- The desktop browser web page is, in fact, a web page, and thus it **is not displayed in the Mobile Browser Simulator**. Instead, a new tab opens up and presents 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**

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. The main window displays the application name 'HelloWorklight', a lightbulb icon, and the text 'Last deployed at: 2013-10-21 08:36'. Below this, there are icons for 'Mobile Web' and 'Version 1.0', with a 'Get App URL' link highlighted in an orange box. A 'Preview as Common Resources' link is also visible. A pop-up window titled 'Get URL of Mobile Web App' is overlaid on the right side, providing 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
- A QR code is displayed on the right side of the pop-up.
- A 'Close' button is located at the bottom of the pop-up.

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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