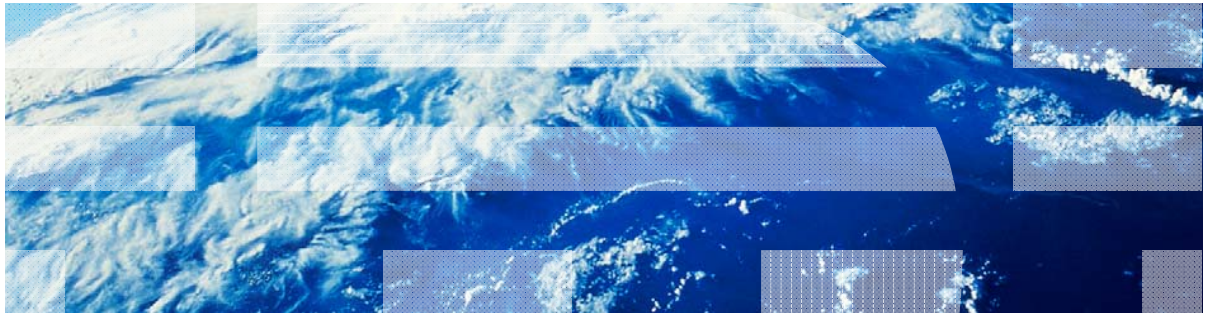


IBM Worklight V6.0.0 Getting Started

General information when developing for Windows Phone 8



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Agenda

- Installation
- Development
- Environment-specific images
- Debugging the application
- Deployment

Installation

- For a detailed explanation, see **Module 2.6 – Setting-up your Windows Phone 8 Development Environment.**

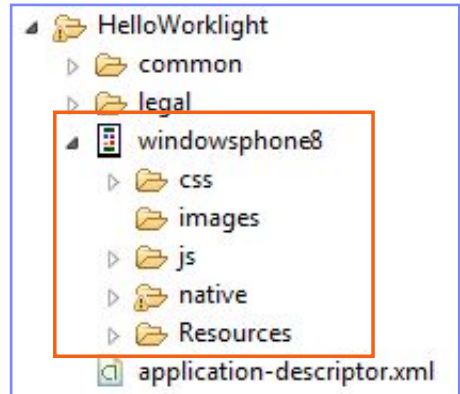


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Development

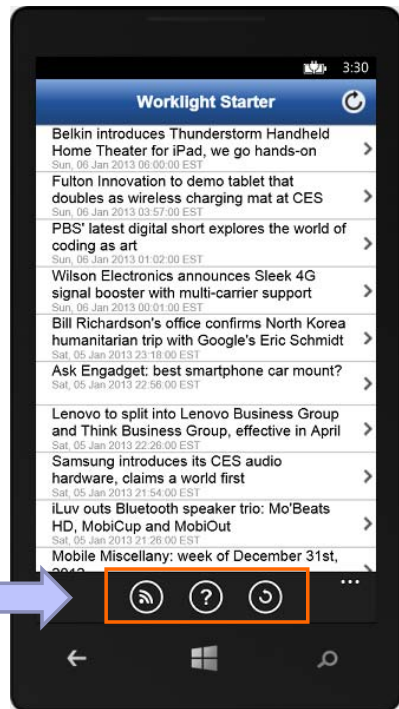
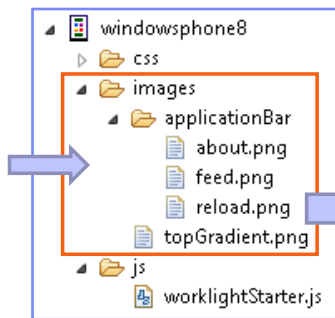
- As with other environments, you do most of the Worklight® Windows Phone 8 application development in Worklight Studio.
- In your Windows Phone 8 environment, the files in the **css**, **images**, and **js** folders under the **windowsphone8** folder override files with the same file names in the **common** folder.
- If you use a source control management system, see its documentation for further instructions on how to commit your source code



Development

- Implementing an application bar requires attention:
 - Because of the Windows Phone 8 platform specifications, when you implement an application bar you cannot place the icons that the application bar uses in the usual **images/** folder.
 - You must place them in the **images/applicationBar** folder in your Windows Phone 8 environment.

Place environment-specific images and Application Bar images in the images folder.



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Environment-specific images (1 of 2)

- Edit the `SplashScreenImage.jpg` file that is in the **/native** folder to modify the application splash screen.
 - This file must be a .jpg format image with a width of 768 pixels and height of 1280 pixels.
- Edit the `ApplicationIcon.png` file (must be a 100x100 PNG) to modify the application icon that shows in the applications list.
- Edit the `Background.png` file (must be 300x300 PNG) to modify the application tile background that shows in the handset home screen.

Environment-specific images (2 of 2)

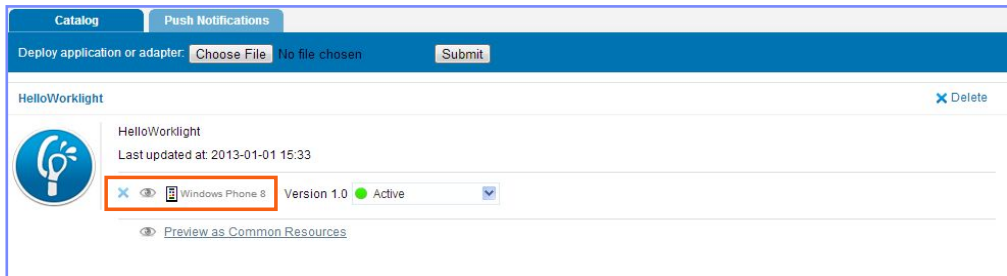
- Application Bar icon images must be 100x100 pixels and have a white foreground on a transparent background by using an alpha channel.
 - The Application Bar colorizes the icon according to the current style settings. Using colored icons can result in an unpredictable display.
- Images that are not in the acceptable dimensions are scaled to fit, and can potentially lower the overall image quality of the Application Bar Icon.
- The circle that is displayed on each icon button is drawn by the Application Bar – do not include it in the source image.

Agenda

- Installation
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- Environment-specific images
- **Debugging the application**
- Deployment

Debugging the application (1 of 3)

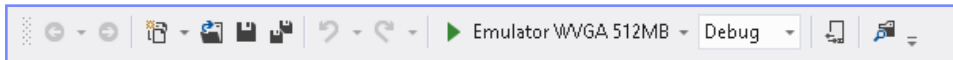
- Phase 1 – testing the application in your browser.
- With the Worklight Console, you can preview the Windows Phone 8 application in a web browser.



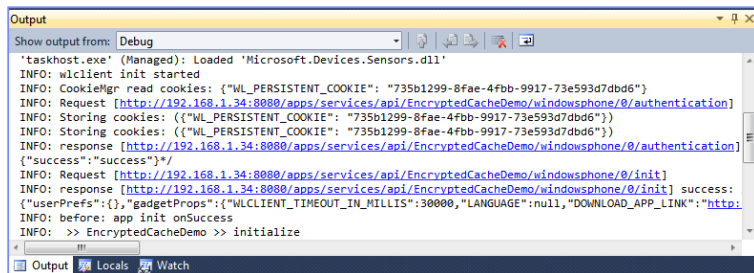
- Your Windows Phone 8 app resources are previewed in the browser, and you can then debug the application by using the tools that the browser offers.
 - For example, Firebug, Developer toolbar, or Console

Debugging the application (2 of 3)

- Phase 2 – Testing on a Windows Phone 8 emulator
(can be done only on a computer that runs on Windows 8 OS)
- Open your application by using Visual Studio 2012 for Windows Phone.
- Select an emulator and Debug mode.

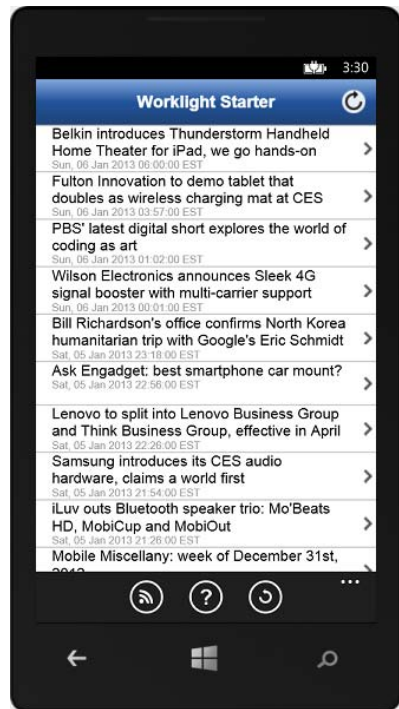
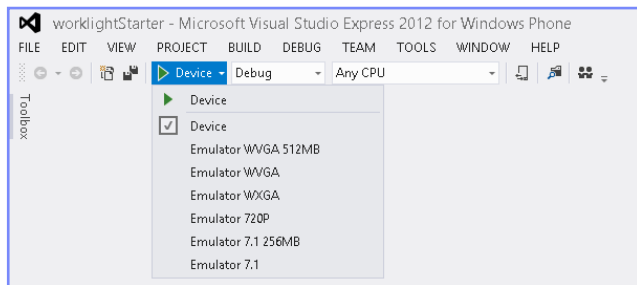


- Preview your application in an emulator.
- While you browse, debug the information in the Visual Studio output.



Debugging the application (3 of 3)

- To run the application on a Windows Phone 8 device, connect your device and run the application by using Visual Studio Express 2012 for Windows Phone.
- Select the “Device” mode to run on the device.



Agenda

- Installation
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- **Deployment**

Deployment

- You must be a registered Windows Phone Developer to submit your applications to the Windows Phone Marketplace.
- Registration can be done at Microsoft App Hub.
 - See <http://create.msdn.com>
- After registering, you must assemble the prerequisites for your application certification by Microsoft and submit your application for review.
- For more information about the Windows Phone Marketplace application deployment, see the Microsoft MSDN Library website (search for *Windows Phone Marketplace developing*).

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