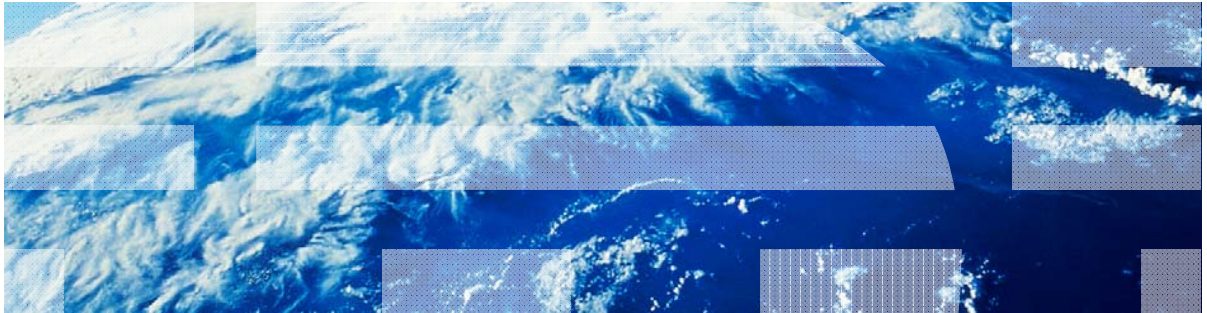


IBM Worklight V6.0.0 Getting Started

General information when developing for Windows Phone 7.5



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Agenda

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

Installation

For a detailed explanation, see “**Setting up your Windows Phone 7.5 Development Environment**” training module.

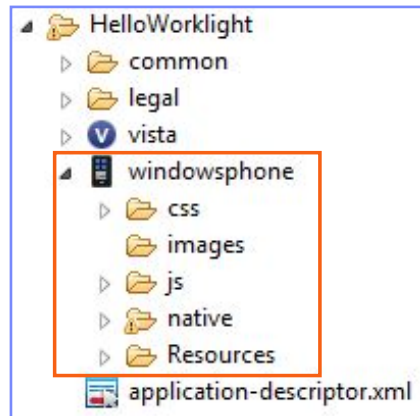


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Development

- As with any other environment, you do most of your Worklight® Windows Phone 7 application development in Worklight Studio.
- In your Windows Phone environment, the files in the **css**, **images**, and **js** folders under **windowsphone** override the 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

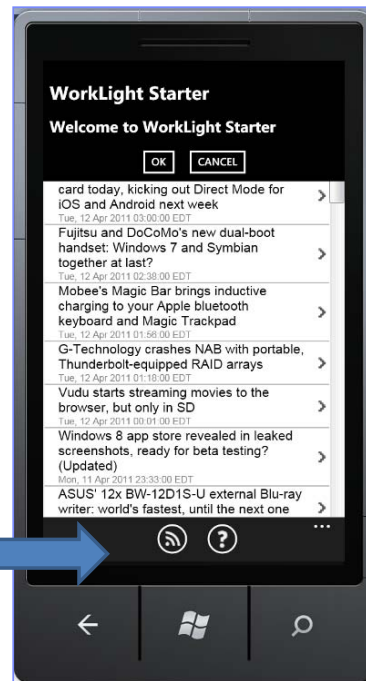
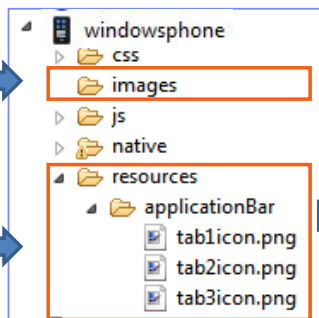


Development

- Implementing an application bar requires attention:
 - Because of the Windows Phone 7 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 **Resources/applicationBar** folder in your Windows Phone 7 environment.

Place environment-specific images here.

Place application bar icons here.



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Environment-specific images (1 of 2)

- All Windows Phone 7.5 handsets have WVGA 800x480 resolution (5:3 ratio), regardless of their screen size.
- Edit the `SplashScreenImage.jpg` file that is in the Windows Phone 7.5 environment native directory to modify the application splash screen.
- Edit the `ApplicationIcon.png` file (must be a 62x62 PNG) to modify the application icon that shows in the applications list.
- Edit the `Background.png` file (must be 173x173 PNG) to modify the application tile background that shows in the handset home screen.

Environment-specific images (2 of 2)

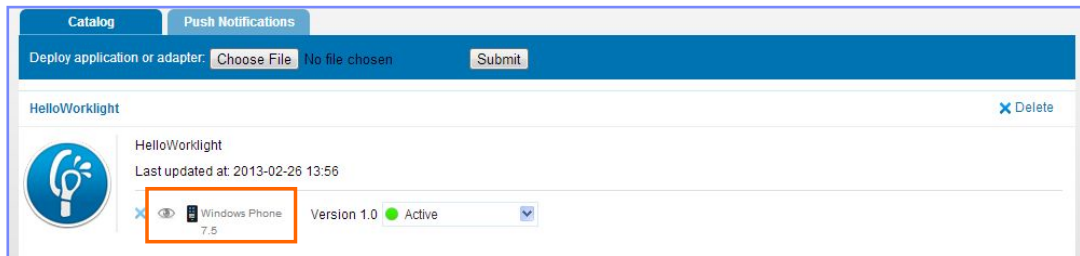
- Application Bar icon images must be 48x48 pixels and have a white foreground on a transparent background by using an alpha channel.
 - The Application Bar colorizes the icon according to the current style settings. Using colored icons can result in an unpredictable display.
- Images that are sized in dimensions other than the recommended ones 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.

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- Installation
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Debugging the application (1 of 3)

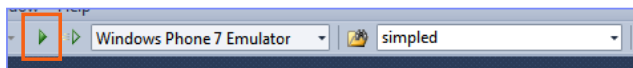
- Phase 1 – Testing the application in your browser.
- With the Worklight Console, you can preview the Windows Phone 7 application in a web browser.



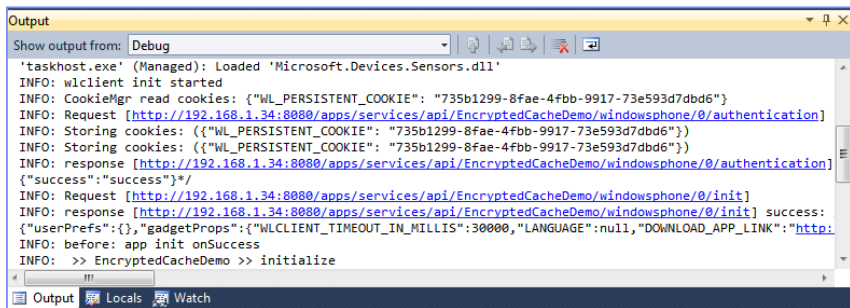
- Your Windows Phone 8 app resources are previewed in the browser, and you can then debug the application by using the tools that the browser offers.
 - For example, Firebug, Developer toolbar, or Console.

Debugging the application (2 of 3)

- Phase 2 – Testing on a Windows Phone 7 emulator.
- Start your application in debug mode.

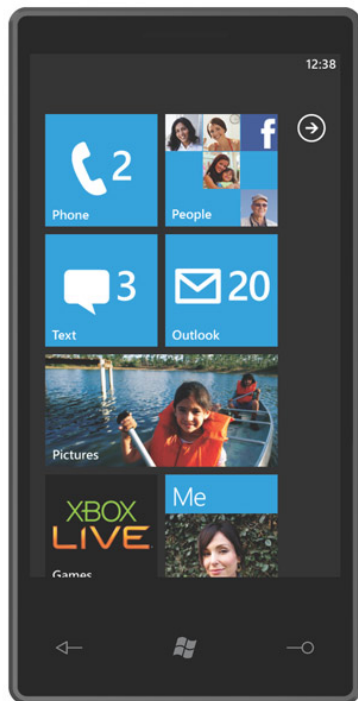


- Preview your application in an emulator.
- While you browse, debug the information in the Visual Studio output.



Debugging the application (3 of 3)

- To install your application on a Windows Phone 7 device, Zune software must be installed on the development PC
- For more information about Zune installation, see “**Setting up your Windows Phone 7.5 Development Environment**” training module.



Agenda

- Installation
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- Debugging the application
- **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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