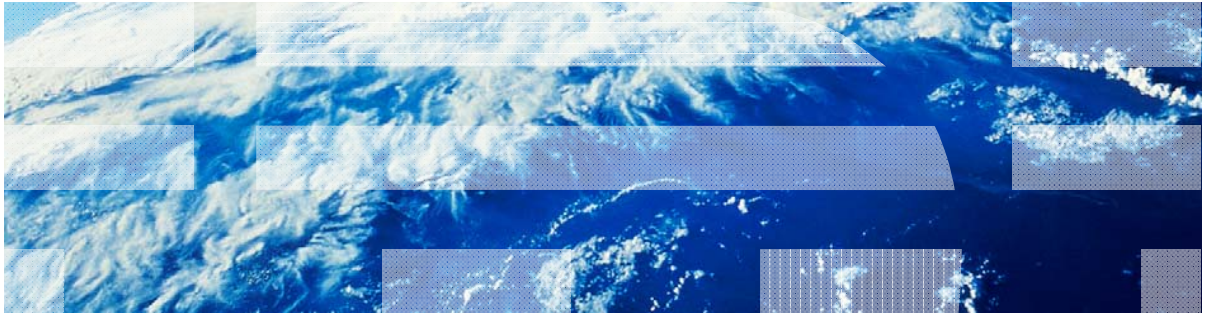


IBM Worklight V6.0.0 Getting Started

Previewing your application on Windows Phone 7.5



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Agenda

- Adding a Windows Phone 7.5 environment
- Brief review of the Windows Phone 7.5 environment folder structure
- Transferring your application to Visual Studio
- Running your application in the Windows Phone 7.5 emulator
- Running your application on a real device

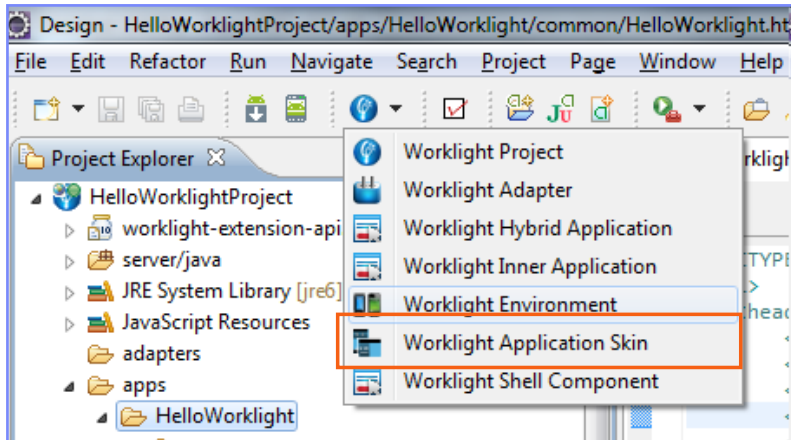
Adding a Windows Phone 7.5 environment

- Select the **Windows Phone 7.5** check box, and click **Finish**.



Adding an environment

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



Adding a Windows Phone 7.5 environment

- A new **windowsphone** folder is added to your project.
- IMPORTANT
 - After a new environment is added, you must build and deploy your application to generate a Windows Phone 7.5 project.

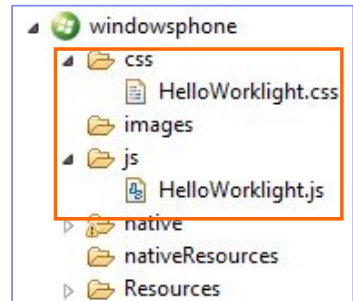


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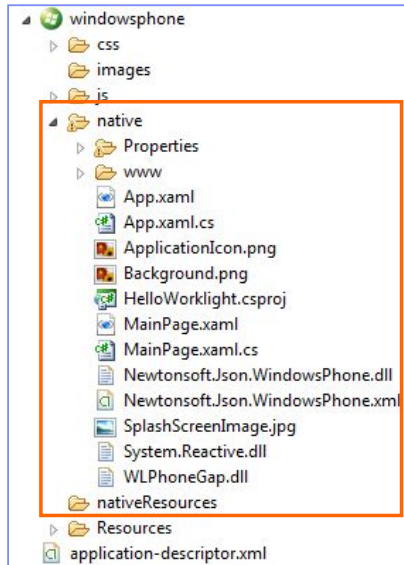
Review of Windows Phone 7.5 environment folder structure

- The **windowsphone** 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 Windows Phone application.
 - **js** – JavaScript™ that can extend and, if required, override JavaScript from the **common** folder.



Review of Windows Phone 7.5 environment folder structure

- The **native** folder under **windowsphone** contains automatically generated Windows Phone 7 app code.
 - Files in **native/www** are regenerated every time the application is built, so any changes made to these files are lost.
- The **nativeResources** folder under **windowsphone** contains resources that are used by the native code.
- The **native** folder contains an application file that is called <appName>.csproj

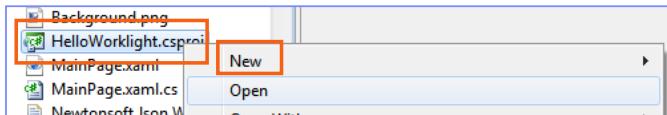


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Opening your application in Visual Studio

- The Eclipse IDE does not support Windows Phone 7.5 application development. You must transfer your app to Visual Studio, which is the Microsoft native IDE.
- To open a Visual Studio project from the **native/www** folder, right-click the .csproj file and select **Open**.



- Microsoft Visual Studio for Windows Phone opens your project.
- As an alternative, you can manually open the .csproj file within Microsoft Visual Studio. Click **File > Open project** and navigate to the project folder.

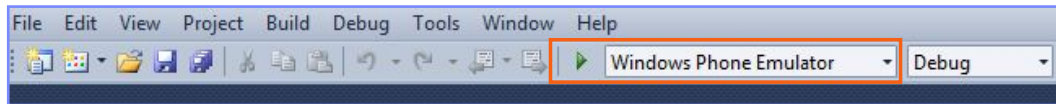
For more information about Microsoft Visual Studio for Windows Phone, see <http://www.microsoft.com/visualstudio/eng/products/visual-studio-2010-express>

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Running in Windows Phone 7.5 Emulator (1 of 2)

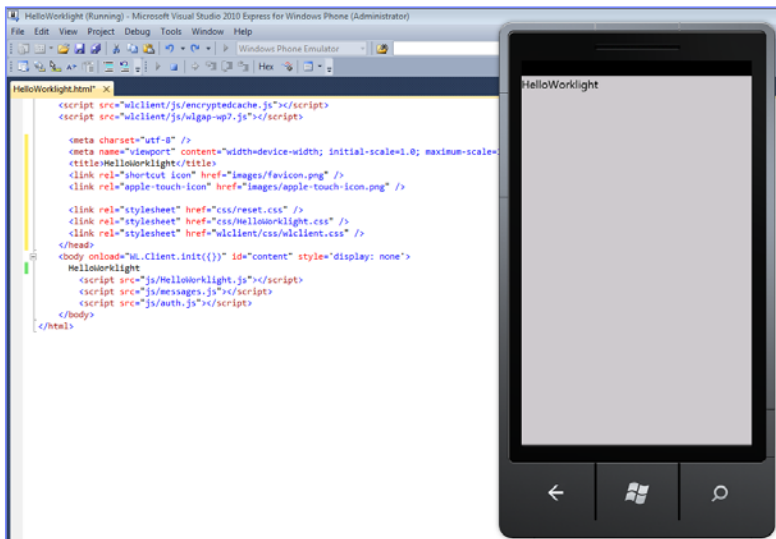
- Make sure that **Windows Phone 7.5 Emulator** is selected.



- Click the green arrow (or press **F5**) to start your application in debug mode.
- To start your application without debug mode, press **Ctrl + F5**.

Running in Windows Phone 7.5 Emulator (2 of 2)

- You created your first Windows Phone 7.5 application.

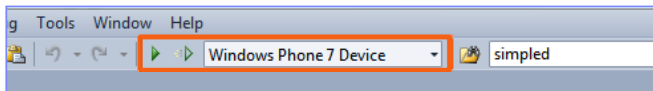


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Running your app on a real device

- Make sure that **Windows Phone 7.5 Device** is selected.



- Make sure that your Windows Phone 7.5 device is connected and is not in sleep mode.
- Click the green arrow (or press **F5**) to start your application in debug mode.
- Click the transparent arrow to start your application (or press **Ctrl + F5**) without debug mode.

Exercise

- Exercise:
 - Use the HelloWorklight application that you created earlier.
 - Add a Windows Phone environment to it.
 - Build and deploy your application to the Worklight Server.
 - Transfer your application to Visual Studio.
 - Run your application in the Windows Phone 7.5 emulator.



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