Windows Phone development - useful links

This article shows a Nokia Developer Resources and list of few great MSDN resources on Windows Phone 7 development.

Nokia Developer Resources

There are many good resources for Windows Phone in Nokia Developer site and it is keep increasing day by day. There are below sections for Windows Phone in Nokia Developer site to help you in Windows Phone development.

Nokia Developer Section	Description
Wiki for Windows Phone	Contains articles and tutorials on developing for Windows Phone and porting to Windows Phone.
Discussion Board for Windows Phone	Ask any question related to Windows Phone development on Windows Phone DiBo
Nokia Developer Projects for Windows Phone	Find Nokia Developer Projects for Windows Phone hosted on Github.
Code Examples for Windows Phone	Find the complete full source code of some Windows Phone application

Free Books and Magazines

These are free eBooks and Magazines that focus on Windows Phone Programming :

- Programming Windows Phone 7, by Charles Petzold
- Developing an Advanced Windows ® Phone 7.5 App that Connects to the Cloud
- Silverlight for Windows Phone toolkit in Depth - If you like the book, consider donating to the author
- Windows Phone toolkit in Depth 2nd Edition- If you like the book, consider donating to the author
- Silverlight for Windows Phone - Learn and Practice
- WindowsPhoneGeek Magazine - Includes free articles. Source code is paid.
- Windows Phone Programming in C#, by Rob Miles
- Designing for Windows Phone, by Microsoft - covers WP7

MSDN Resources

Note that here are other useful links on the Windows Phone area of this site, and a a lot of resources on MSDN.

Getting Started

- How to create your first app for Windows Phone (Dev Center)
- Building Apps for Windows Phone 8 Jumpstart Series - MSDN Channel 9 (Channel 9)

Visual Studio 2012 Express for Windows Phone

- How to deploy and run a Windows Phone app (Dev Center)
- How to test app state changes for Windows Phone (Dev Center)
- How to specify a target version for a new app project for Windows Phone (Dev Center)
- How to upgrade an app project to Windows Phone 8 (Dev Center)

Windows Phone Emulator

- Windows Phone Emulator
- How to change the orientation in Windows Phone Emulator (Dev Center)
- How to adjust the zoom setting in Windows Phone Emulator (Dev Center)
- How to test copy-and-paste in Windows Phone Emulator (Dev Center)
- How to test region settings for Windows Phone Emulator (Dev Center)

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Windows Phone Performance Analysis

- App profiling for Windows Phone (Dev Center)
- Phone Application Analysis (Dev Center)

Deploying and Testing on Your Windows Phone

- How to register your phone for development (Dev Center)
- How to deploy and run a Windows Phone app (Dev Center)
- Using the Windows Phone Connect Tool (Dev Center)

Fundamental Concepts

Execution Model for Windows Phone

- How to preserve and restore page state for Windows Phone (Dev Center)
- How to preserve and restore app state for Windows Phone (Dev Center)

Frame and Page Navigation

- How to perform page navigation on Windows Phone (Dev Center)
- How Do I: Make Windows Phone 7 Applications Support Orientation Changes? (MSDN Video)
- How to navigate using the back stack for Windows Phone (Dev Center)

Local Data Storage

- How to use the Isolated Storage Explorer tool for Windows Phone (Dev Center)
- Quickstart: Working with files and folders in Windows Phone 8 (Dev Center)
- Quickstart: Working with files and folders in Windows Phone 7 (Dev Center)
- Local folder best practices for Windows Phone (Dev Center)
- How to create a basic local database app for Windows Phone (Dev Center)
- How to create a local database app with MVVM for Windows Phone (Dev Center)
- How to deploy a reference database with an app for Windows Phone (Dev Center)

Networking and Web Services

- How to create a basic RSS reader for Windows Phone (Dev Center)
- How to consume an OData service for Windows Phone (Dev Center)
- How to persist the state of an OData client for Windows Phone (Dev Center)
- How to create and use a TCP socket client app for Windows Phone (Dev Center)
- How to create and use a UDP socket client app for Windows Phone (Dev Center)
- How to send and receive data in a multicast group for Windows Phone (Dev Center)
- How to determine the mobile operator for Windows Phone (Dev Center)
- How to get network information for Windows Phone (Dev Center)
- How to get connection information about a socket for Windows Phone (Dev Center)
- How to set connection preferences for a socket for Windows Phone (Dev Center)
- How to set connection requirements for a socket for Windows Phone (Dev Center)
- How to detect network changes for Windows Phone (Dev Center)

Themes

- How to apply theme resources for Windows Phone (Dev Center)

Security

- How to encrypt data in a Windows Phone app (Dev Center)
- How to encrypt your application data in Windows Phone (Wiki)

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Common Application Development Tasks

- How to create a splash screen for Windows Phone (Dev Center)
- How to create a settings page for Windows Phone (Dev Center)
- How to change the on-screen keyboard input scope in Windows Phone (Dev Center)
- Login dialog for Windows Phone apps (Wiki)

Launchers

- How to use the Bing Maps directions task for Windows Phone (Dev Center)
- How to use the Bing Maps task for Windows Phone (Dev Center)
- How to use the connection settings task for Windows Phone (Dev Center)
- How to use the email compose task for Windows Phone (Dev Center)
- How to use the MapDownloader task for Windows Phone (Dev Center)
- How to use the MapUpdaterTask for Windows Phone (Dev Center)
- How to use the Maps task for Windows Phone (Dev Center)
- How to use the Maps directions task for Windows Phone (Dev Center)
- How to use the Marketplace detail task for Windows Phone (Dev Center)
- How to use the Marketplace Hub task for Windows Phone (Dev Center)
- How to use the Marketplace review task for Windows Phone (Dev Center)
- How to use the Marketplace search task for Windows Phone (Dev Center)
- How to use the Media Player launcher for Windows Phone (Dev Center)
- How to use the phone call task for Windows Phone (Dev Center)
- How to use the save appointment task for Windows Phone 8 (Dev Center)
- How to use the search task for Windows Phone (Dev Center)
- How to use the share link task for Windows Phone (Dev Center)
- How to use the share media task for Windows Phone (Dev Center)
- How to use the share status task for Windows Phone (Dev Center)
- How to use the SMS compose task for Windows Phone (Dev Center)
- How to use the web browser task for Windows Phone (Dev Center)

Choosers

- How to use the add Wallet item task for Windows Phone (Dev Center)
- How to use the address chooser task for Windows Phone (Dev Center)
- How to use the camera capture task for Windows Phone (Dev Center)
- How to use the email address chooser task for Windows Phone (Dev Center)
- How to use the game invite task for Windows Phone (Dev Center)
- How to use the phone number chooser task for Windows Phone (Dev Center)
- How to use the photo chooser task for Windows Phone (Dev Center)
- How to use the save contact task for Windows Phone (Dev Center)
- How to use the save email address task for Windows Phone (Dev Center)
- How to use the save phone number task for Windows Phone (Dev Center)
- How to use the save ringtone task for Windows Phone (Dev Center)

Globalization and Localization

- Globalization and localization for Windows Phone (Dev Center)
- How to build a globalized app for Windows Phone (Dev Center)
- How to build a localized app for Windows Phone (Dev Center)
- How to localize an app title for Windows Phone (Dev Center)
- Creating bidirectional apps for Windows Phone 8 (Dev Center)
- How to test a localized app for Windows Phone (Dev Center)

Common Application Development Tasks

- Creating trial apps for Windows Phone (Dev Center)
- How to implement a trial experience in a Windows Phone app (Dev Center)

Camera and Photos

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- How to create a base camera app for Windows Phone (Dev Center)
- How to use camera flash in an app for Windows Phone (Dev Center)
- How to use camera focus in an app for Windows Phone (Dev Center)
- How to adjust captured photo resolution in an app for Windows Phone (Dev Center)
- How to access the hardware camera shutter button in Windows Phone (Dev Center)
- How to work with grayscale in a camera app for Windows Phone (Dev Center)
- How to record video in a camera app for Windows Phone (Dev Center)
- Progressive Decoding Overview (Dev Center)
- Extending the Photos Hub for Windows Phone (Dev Center)
- Extending the photo edit picker for Windows Phone 8 (Dev Center)
- Extending the share picker for Windows Phone (Dev Center)

Controls

- How to create a panorama app for Windows Phone (Dev Center)
- How to create a pivot app for Windows Phone (Dev Center)
- How to use the control tilt effect for Windows Phone (Dev Center)
- How to create a custom indeterminate progress bar for Windows Phone (Dev Center)

Push Notifications

- Setting up an authenticated web service to send push notifications for Windows Phone (Dev Center)
- Sending push notifications for Windows Phone (Dev Center)
- Setting up your app to receive push notifications for Windows Phone (Dev Center)
- How to send a scheduled local Tile update for Windows Phone (Dev Center)

WebBrowser Control

- How to display web content from the network using the WebBrowser control for Windows Phone (Dev Center)
- How to display static web content using the WebBrowser control for Windows Phone (Dev Center)
- How to display dynamically generated web content using the WebBrowser control for Windows Phone (Dev Center)

Colors

- Color Table (Dev Center) : This is an overview of HTML, RGB, HSL and System colors.
- HTML Color Table : Colors supported by Internet Explorer 4.0 and later.
- Colors by Name (Dev Center) : Alphabetical list of colors with names and their respective hexadecimal values.
- Colors by Hue (Dev Center) : Color list sorted by hue.
- Colors Class (Dev Center): This article has a very compact table of colors with names and their respective hexadecimal values.

Maps

- Location based operations using Bing Maps (Wiki)
- Plotting current position on the Map control in Windows Phone (Wiki)
- Bing map API with Nokia Map and OpenStreetMap (Wiki)
- Using Location Service APIs in WP7 (Wiki)
- Nokia Maps for WP7 using Bing Map Control (Wiki)
- Maps Examples for Windows phone (Wiki)
- Google Landmarks on a Bing Map for WP7 (Wiki)
- Maps and navigation for Windows Phone 8 (Dev Center)
- How to add a Map control to a page in Windows Phone 8 (Dev Center)

Application Features

- How to create alarms and reminders for Windows Phone (Dev Center)
- How to create an app bar using XAML for Windows Phone (Dev Center)
- How to create an app bar using code for Windows Phone (Dev Center)
- How to change app bar icon buttons and menu items dynamically for Windows Phone (Dev Center)
- How to reuse an app bar on multiple pages for Windows Phone

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- How to use different app bars in a single Pivot control for Windows Phone (Dev Center)
- How to implement background agents for Windows Phone (Dev Center)
- How to implement background file transfers for Windows Phone (Dev Center)
- How to access contact data for Windows Phone (Dev Center)
- http://msdn.microsoft.com/en-us/library/windowsphone/develop/hh286421(v=vs.105).aspx How to access calendar data for Windows Phone] (Dev Center)
- How to display the photo of a contact for Windows Phone (Dev Center)
- How to use the DeviceStatus class for Windows Phone (Dev Center)
- Location for Windows Phone 8 (Dev Center)
- How to test apps that use location data for Windows Phone (Dev Center)
- How to play or stream a video file for Windows Phone (Dev Center)
- How to access the microphone in a Windows Phone app (Dev Center)
- How to integrate with the Music and Videos Hub for Windows Phone (Dev Center)
- How to set up and tune the FM radio for Windows Phone (Dev Center)
- How to send and receive toast notifications for Windows Phone (Dev Center)
- How to send and receive Tile notifications for Windows Phone (Dev Center)
- How to send and receive raw notifications for Windows Phone (Dev Center)
- How to integrate with App Instant Answer for Windows Phone (Dev Center)
- How to get data from the accelerometer sensor for Windows Phone (Dev Center)
- How to get data from the compass sensor for Windows Phone (Dev Center)
- How to get data from the gyroscope sensor for Windows Phone
- How to use the combined Motion API for Windows Phone (Dev Center)
- How to test apps that use the accelerometer for Windows Phone (Dev Center)
- Tiles for Windows Phone (Dev Center)
- How to send a scheduled local Tile update for Windows Phone (Dev Center)
- Push notification overview (Windows Store apps) (Dev Center)
- How to play background audio for Windows Phone (Dev Center)

Windows Phone Marketplace

- How to create screenshots for Windows Phone Store (Dev Center)
- How to link to Windows Phone Store content (Dev Center)
- How to determine app capabilities (Dev Center)
- Creating trial apps for Windows Phone (Dev Center)

Code Samples

- Windows Phone Samples: learn through code (Dev Center)

XNA Development (Windows Phone 7)

- How to create your first XNA Game Studio 4.0 app for Windows Phone (Dev Center)
- Adding XNA Rendering to a Silverlight Application on Windows Phone (Dev Center)
- How to: Create an XNA Framework Application (WayBackMachine - Dev Center)
- Transformations and Collision Testing (Dev Center)
- How To: Add Levels to the XNA Framework Application (WayBackMachine - Dev Center)
- How To: Display a Scoreboard for the XNA Framework Application (WayBackMachine - Dev Center)

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