Windows 8 Using XAML, Part 16: Working with Files

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Prerequisites: You should have at least some programming experience in one or more modern programming languages. JavaScript will be particularly easy for you to learn if you have experience with any C-style languages—including Java, C#, C++, or Visual Basic .NET would be helpful—but this is not required.

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Course description: Microsoft Windows 8 allows you as a developer to work with different devices without a lot of extra effort. First we are going to look at Windows Push Notification Services, or WNS. The point of having a mobile device is that you can get timely updates on things you need to know about. WNS makes it really easy to get those notifications through to your apps. Next up we'll be looking in detail at how we work with files. We'll start with sandboxing - how apps are protected from each other to increase stability and control malware. We'll look at the new file picker user interface, and see how we can read and write files to our own local store as well as shared locations on the local device and network.

Course outline:

Introduction
- Introduction
- Background
- How it Works
- Channel Registration Process
- Setting up the Channel
- Multiple Devices
- Demo: Creating a New App
- Demo: Requesting the Channel
- Sending Push Notifications
- Authentication
- Signaling
- Demo: Console App
- Demo: Authentication
- Demo: Passing Access Token
- Summary

Working With Files
- Introduction
- Sandboxing
- Using the File Pickers
- Demo: File Picker
- Summary

Working With Files In Code
- Introduction
- Work with Files Programmatically
- Our Private File Store
- Where is our Private File Store?
- Using the File APIs
- Demo: Write a File To Disk
- Outside of the Private Store
- No access to C:\
- Capabilities
- Demo: Work with Known Folders
- Summary

Application Settings
- Introduction
- Application Settings
- Demo: Using Application Settings
- Summary

File Associations
- Introduction
- File Associations
- Implementing File Associations
- Demo: File Associations
- Summary

Complex File Operations
- Introduction
- Roaming Files
- Roaming Profile APIs
- More Complex File Operations
- StreamWriter Gotcha
- File Transactions
- Demo: Transacted Files
- Summary