Windows Phone 8 Developer Camp
Part 3: Integrating Features

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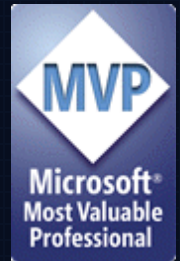CodeValue

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Agenda

Live tiles

Speech

Location & sensors

Lock screen

Launchers & choosers

Summary

Live Tiles

Live tiles

Lives tiles represent apps on the home screen

Tile types

Flip tiles (identical to Windows Phone 7.x tiles)

Iconic tiles

Cyclic tiles

3 tile sizes: small, medium and wide

Can be updated by the app or through push notifications

Secondary tiles

Live tiles

Demo

Speech

Speech

Windows phone 8 has a speech engine

- Text to speech
- Speech recognition

Voice commands are recognized based on a Voice Command Definition file (VCD)

For text to speech, voice can be selected

Speech recognition engine is customizable

Speech

Demo

Location & Sensors

Location & sensors

GPS based location is available with a simple API

Other sensors are accessible just as easily

Accelerometer, compass, gyroscope

The **Motion** class may be used to get higher-level data from low level sensor data

Location & sensors

Demo

Other integration features

More integration

Lock screen

App can customize the lock screen, such as the background image

Launchers and choosers

Used to launch built in phone apps, such as the dialer and email

User must make the final activation

Near Field Communication (NFC)

Lock screen, sharing & NFC

Demo

Summary

Windows Phone 8 is a great mobile platform
Easy to start with free tools and samples
Integration with phone features gives app the edge

Questions?

Thank you!