

Windows  
Phone

Location

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LOCATION SERVICES

- Smart device + cloud service
- Balance accuracy with time & power
- Consistent API across platforms

Windows Phone Jump Start

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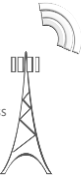
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LOCATION: SOURCES OF LOCATION




- + Accuracy
- + Power
- + Speed
- Wilderness

Cell towers




Location services



GPS

- + Accuracy
- Power
- Speed
- Indoors



WiFi

- +/- Accuracy
- +/- Power
- +/- Speed
- +/- Urban areas

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## Location on Emulator

- Location Service does not work on the Emulator
  - No emulated GPS
  - Cannot use WiFi for location
  - No Radio, so no Cell tower positioning
- BUT...
  - Reactive Extensions for .NET make it easy to fake incoming GPS data
  - See sample in the Windows Phone samples on MSDN

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Location

## Demo

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Bing Maps

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# Bing Maps Control

- There will be a Bing Maps control for Windows Phone
  - Didn't make it to the Beta
  - Coming 'within a few weeks'
- But in the meantime...
  - The regular Silverlight Bing Maps control works quite well...

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# Silverlight Maps control

# Demo

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