Mobile Apps & Digital Libraries

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A Look Ahead...

- Native Apps versus Browser Apps
- A Conversion Story
- Demo
- Getting Started
- Future Development
Native Apps

- Installed on the iPhone or Device
- Access to the hardware (speakers, accelerometer, camera, etc.)
- Written with Objective-C (Apple)
- "App Store" or Proprietary Distribution
Browser (Mobile) Apps

- Web site that is specifically optimized for the iPhone or mobile device
- Built with standard web technologies
- Available at a URL
- Speedy debugging and development
Browser v. Native
A live mobile app...

Demos:
Terra - lifeonterra.com
Terra mobile - lifeonterra.com/m/

Mobile template - www.lib.montana.edu/~jason/files/m/
Download & blog post - http://wp.me/p8yR-1J

Code Samples:
http://www.lib.montana.edu/~jason/files.php
A live mobile web app...

Terra - lifeonterra.com

becomes

Terra mobile - lifeonterra.com/m/
functional
essence
necessary
primary
core
essential
core
simple
Best Practices

- Respect URL
- Secret sauce - <meta viewport
- Know your devices (320 and 480)
- New interface = touch
- Whitespace is your friend
- Economy of language
- Only Essential App Functions
Future Development

- HTML5 and CSS3
  - Geolocation in Browser
  - Native Video
  - Native Audio
- Testing for interest
- Testing across devices
Contact Information

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