User Interaction:
Intro to Mobile Development
Landscape
Assoc. Professor Donald J. Patterson
INF 133 Fall 2011
Mobile Development

Issues:
Mobile Development

Issues:

• Market Share
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Mobile Development

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- Are we talking about OS or hardware?
Age and operating system share—smartphones

Nov '10 - Jan 11, postpaid mobile subscribers, n=14,701

Source: The Nielsen Company.

Source: http://blog.nielsen.com/nielsenwire/online_mobile/who-is-winning-the-u-s-smartphone-battle/
Issues:

- Stores
  - iTunes
  - Android
  - Blackberry
  - OVI
Mobile Development

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Issues:

- Programming Languages
  - C++
  - Java
  - Objective-C
  - Python
  - Others?
Mobile Development

Issues:

- Device Variability
  - Nokia
- Apple
- Blackberry
Mobile Development

Issues:

- Programmer Freedom
  - Background Processes
  - Device Access
  - Profit Models
    - Pay per app
    - In-app payments