Streaming Audio:

Accessing course-related music on mobile devices

Carolyn Doi (McGill University)
Jared Wiercinski (Concordia University)
History of the Project

• 2008/2009
  • FFAR 298d Music of The Beatles (Morrison)
  • FFAR 398m Understanding Music (Bhagwati)
  • MUSI 265 Rock and its Roots (Morrison)
History of the Project

- 2009/2010
  - FFAR 298p Pop, Soul and its Roots (Morrison)
  - FFAR 398b Hip Hop: Past, Present, Future (Peters)
  - FFAR 298d Music of The Beatles (Morrison)
  - FFAR 398a Zappa: Composer & Social Critic (Pinsonneault)
  - FFAR 398m: Understanding Music (Theriault)
  - JAZZ 200: Language of Jazz (Ellison)
  - JPER 430: Jazz Improvisation (Ellison)
  - MHIS 398i: Oral Tradition (Brown)
  - MUSI 265: Rock and its Roots (Morrison)
Administered at the end of Fall 2009 semester
Paper proved to be much more effective
Survey Monkey results
Rationale for Mobile Project

- Student demand (survey)
- Current Flash-based system isn't mobile friendly
- Flash is coming in a mobile context, so something to watch
- In any case, won't solve our problem because...
  - 86% of mobile users in Canada have the iPhone/iTouch
  - Apple doesn't support Flash
Project Goals

- Complete an environmental scan of existing audio streaming mobile applications
- Choose an existing system and test
- Build our own prototype based on emerging standards that emphasize accessibility
- Share findings with the broader library community
Environmental Scan

- Traditional literature search came up short
- Turned to blogs, listservs, emails etc for more current info
- Identified 2 options that could work for this project:
  - Using an existing iPhone application
  - Build prototype using emerging standards i.e. HTML5 & CSS3
Choose an Existing System

- Chose ooTunes server software which works with iTunes

- Implemented test with Craig Morrison's MUSI 265 Rock and Rolls and its Roots course with Prof

- Demo
ooTunes Application
Build our own Prototype

- Environmental scan: HTML 5
  - HTML 5 – what it is / what the goals are
  - YouTube / Vimeo / CBS
  - Chance to get our feet wet with emerging standards

- Environmental scan: JPlayer
  - Modified and improved it to work in mobile context

- Demo –firefox, safari, chrome (follow along on iphone)
Build our own Prototype

- http://www.sqacbm.org/carolyn/
Share Findings

- CAML conference presentation in Regina
- Writing a journal article
- Preparing an on-line tutorial on how to set up a mobile media player, which will accompany journal article