JimiLab
@ Ithaca

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Learning to Model Sequences: Playlist Prediction for Local Music Discovery
Latent Markov Embedding [Chen KDD12]
Latent Markov Embedding [Chen KDD12]
Tupac
Garth Brooks
Metallica
Prince
Michael Jackson
Iron Maiden
Metallica
Garth Brooks
Embedding Tags with Songs

Tag 1: Pop Music
Tag 2: 1980’s
Tag 3: Male vocals

Actual position of “Billie Jean”
LME Music Embedding Demo

Artist Lookup: Outkast

Playlist:
1. Ms. Jackson by Outkast
2. Wotless by Kes The Band
3. Walk It Out by Unk
4. Love Letter by R. Kelly
5. Bring Em Out by T.I.
6. Lean Back by Terror Squad
7. No Games by Serani
8. The Next Episode (with Snoop Dogg & Nate Dogg) by Dr. Dre
9. Into You by Fabolous
10. Hate It Or Love It (with 50 Cent) by The Game

Playlist Seed:
- Ms. Jackson by Outkast
- Sequential Coherence (alpha = 4.1):
  - large steps
  - small steps
- Popularity Bias (beta = -5.0):
  - obscure
  - popular
- Diversity (gamma = 0.2):
  - drift away from seed
  - stay close to seed
- Number of Songs (10):
  - fewer
  - more
- Playlist Construction (deterministic):
  - max probability
  - stochastic

Demo at lme.joachims.org
Temporal Dynamics of User Preferences [Moore ISMIR13]
Temporal Dynamics of User Preferences [Moore ISMIR13]
Gorillaz

Delicious Radio
Coldplay | The Killers | The Who
folk rock | Garage Rock | Experimental Rock
1 listeners | aacp | 64 kbps

Independent Radio Los Angeles – iradio.la
Rihanna | Daft Punk | R.E.M.
guitar | Classical | Progressive
7 listeners | mpeg | 128 kbps

Zulu Radio Night Beats
Radiohead | Nirvana | Foo Fighters
dance punk | dance | Lo-Fi
No metadata found for this station

Gorillaz are a British virtual band (currently on hiatus) formed in 1998 by a collaboration between Damon Albarn of Blur and Jamie Hewlett, co-creator of the comic book Tank Girl. They had the idea to create the band while watching MTV in their London flat and originally intended to call the project Gorilla. The band is comprised of four fictional band members: 2D (vocals, keyboard), Murdoc Niccals (bass), Noodle (guitar, vocals), and Russel Hobbs (drums). These characters only appear in animated form and are not alter-egos of real people, as is often mistakenly assumed. Read more about Gorillaz on Last.fm.
The MegsRadio team collaborates in the Williams Hall conference room Wednesday. Doug Turnbull, assistant professor of computer science, developed the site to create a new listening experience for users and support local music.

By Tylor Colby — Contributing Writer
Published: September 18th, 2013
playlist generation

content-based autotagging & similarity

web mining

human computation
MegsRadio

Pick a station...

Local Ithaca Artists

Ithaca Music Venues

Featured Station: State Theatre of Ithaca

Create Your Own!
The Helio Sequence will be playing at The Haunt on Saturday, October 19!
Upcoming Events:

Sort by: Date Relevance
Showing 22 out of 29 upcoming events.

The Blind Spots
Because you listened to The Blind Spots.

Elvis Costello
State Theatre of Ithaca
Because you’ve listened to Pearl Jam, who is similar to Elvis Costello.

Jesse Dee
The Haunt
We do not have any data for this event for you.

Tera Melos, Fang Island, Zorch (Sargent House tour)
Credits

MegsRadio is the brainchild of Doug Tumbull at Ithaca College. It has been designed and developed through the efforts of many talented students and colleagues:

- Kris Stensland (UI & backend developer)
- Alex Spirgel (UI designer)
- Andrew Horwitz (Maps and playlist developer)
- Alex Wolf (UI developer)
- Stephen Meyerhofer (Security and system manager)
- Justin Zupnick (UI and UX designer)
- Brian Dozoretz (Local Music Expert)
- Adam Peruta (Design Guru)
- Ashley Oudenne (former UI developer)
- Richard Roberts (former backend developer)

The project has been influenced by many individuals including Perry Cook, George Tzanetakis, Luke Barrington, Gert Lanckriet, Damien O’Malley, Dan Ellis, Youngmoo Kim, Alex Perias, Cass Barbour and Thorsten Joachims.

Back Story

Doug began envisioning such a system when he was an undergraduate researcher at the SoundLab at Princeton University in the late 1990s. The idea has been evolving as
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