

Music & the Internet

MUMT 301

Ichiro Fujinaga
Schulich School of Music
McGill University

Plan

- Making music
 - Javascript
 - Musicmetric timeseries API
 - jqPlot
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- Potential final projects:
 - Enhance your fanpages to include various information obtained from multiple sources using APIs
 - Review of a category of music-related online services (e.g., recommendations, music stores, sequencers, etc.)

Websites for making music

- Synths
- Sequencers
- DAW
- Drums
- Samples

Synths

- <http://www.angryoctopus.co.nz/synth13/>
- <http://www.fivexperience.com/pulse.php>
- <http://www.mazbox.com/mz101/> (use Chrome)
- <http://www.tony-b.org/>
- <http://www.audiosauna.com/>
- <http://petervandernoord.nl/patchwork/>

Sequencers

- <http://sonantlive.bitsnbites.eu/tool/?song=microscope>
- <http://beaterator.rockstargames.com/beaterator.html>
- <http://staff.dasdeck.de/valentin/midi/sequencer.php?mix=0e15396d99.mix>
- <http://patterns sketch.com/> (use Firefox)
- <http://www.gurchet-rai.net/sequencer/sequencer.html>
- <http://pattern86.com/apps/sequencer-in-html5/>
- <http://seaquence.org/>
- <http://www.looplabs.com>
- <http://www.ujam.com>

Digital Audio Workstation

- <http://www.audiotool.com/>
- <http://soundation.com/studio>

Drums

- <http://www.virtualdrumming.com/drums/windows/virtual-drum-machine.html>
- <http://www.virtualdrumming.com/drums/windows/joey-jordison-drums.html>

Free samples

- <http://spunkfacesamplers.com/>
- <http://www.synthtopia.com/content/category/computer-music/free-sample-library-computer-music/>
- <http://www.loophunter.com/>
- <http://www.freesound.org/>

Javascript / Web services

Musicmetric API

- <http://developer.musicmetric.com/>
- [http://api.semetric.com/chart/\[uuid\]?token=APIKEY\[&options\]](http://api.semetric.com/chart/[uuid]?token=APIKEY[&options])
- <http://api.semetric.com/chart/bb789492225c4c4da2e15f617acc9982?token=3ec0c7ee521c47beb9569683dcc035a3>
- ID:
 - Semetric UUID: e.g.: 32e628734a6a4100834a05032a909813
 - musicbrainz ID: e.g.: musicbrainz:b45335d1-5219-4262-a44d-936aa36eeaed
 - last.fm artist name:e.g.: lastfm:ladytron

Musicmetric API 2

- Artist Timeseries calls
- `http://apib2.semetric.com/artist/[ID]/[dataset]?[qualifier_arguments]`
- Datasets, see:
<http://developer.musicmetric.com/timeseries.html>
- [http://apib2.semetric.com/artist/lastfm:adele/plays/lastfm?
token=3ec0c7ee521c47beb9569683dcc035a3](http://apib2.semetric.com/artist/lastfm:adele/plays/lastfm?token=3ec0c7ee521c47beb9569683dcc035a3)
- [http://apib2.semetric.com/artist/
e6ee861435b24f67a6283e00bf820bab/demographics/
twitter/location/country?
token=3ec0c7ee521c47beb9569683dcc035a3](http://apib2.semetric.com/artist/e6ee861435b24f67a6283e00bf820bab/demographics/twitter/location/country?token=3ec0c7ee521c47beb9569683dcc035a3)

jqPlot

- Plotting library: <http://www.jqplot.com>