Music & the Internet
MUMT 301

Ichiro Fujinaga
Schulich School of Music
McGill University

Plan

- Javascript

  - Moe jQuery

  - Other APIs

- Making music

- Potential final projects:
  - Substantial music composition (20-30 min) strictly using web resources
  - Statistical / historical analysis of music industry based on web-based data
  - Music recommendation site
  - Music playlist maker

Javascript: jQuery

- $ == jQuery
- Selector
- $('p').append ('<p>'+'some text'+ '</p>');
- $('#id_name').append ('<p>'+'some text'+ '<p>');
- $('.class_name').html ('<p>'+'some text'+ '</p>');
- $(document).ready(function() {
    $("a").click(function() {
      alert("Hello world!");
    });
  });
- http://docs.jquery.com/Tutorials

API

- Query formats

  - SOAP

  - XML-RPC

  - REST

- Results formats

  - XML

  - JSON (download JSON viewers for your browser)

API sites

- last.fm: http://www.last.fm/api

- Twitter: https://dev.twitter.com/

- Google Maps: http://code.google.com/apis/maps/documentation/javascript/