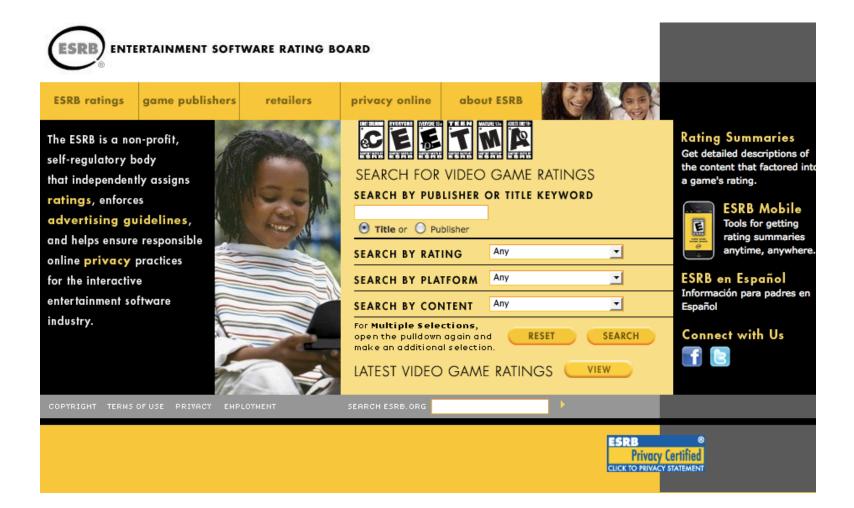
# **ESRB** Tag Cloud

**Timothy Sherman** 

### The ESRB



# Ratings











# Scraping

- 35000 pages
- 5.5 Hours
- Ruby + Nokogiri
- Over 17000 games!
- Name, Rating, Content Descriptors, Platform, Summary (newer games only)

### First Attempt

- Search by Name, Rating, and/or content
- Returns a list of games
- PROBLEM: This is a search engine, not a visualization.
- This was when I realized how I needed to think about this project.

# Second (Final) Attempt

- Tag Cloud
- Word Frequency of Game Names
- Constrain searched games by Content or Rating.
- Mouse-over a word shows the list of searched games that contain it in their name.

# Tools

- Processing
- ControlP5
- OpenCloud
- Golan's tag cloud demo

Scraping

- Ruby
- Nokogiri

#### End of slides

• Demo