Project Title

The Battle of Love and Hate on-line

Project Description

A website or app, which analyses 'firehose' feeds from social networking sites in real time, classifying posts according to 'love' and 'hate', and visualising the current state of the internet. Are we more loving or more hating? Or is it more complicated than that? Is it possible categorise the emotional content of posts? What categories should be used? What is the criteria for detecting them? How should this multidimensional data be visualised? Artistically? Emotionally? Statistically?

We need:

- a connection to one or more firehose feeds
- a method of defining the criteria on which a feed will be analysed
- a method of timeslicing, accumulating, analysing and evaluating data
- a method of storing the summary data, and playing back historically, with location data if possible.
- a method of visualising the playback
- a seperation of visualisation and data with an interface, so that other visualisations can be made in future.

Experience Areas

This project will allow members to gain and exercise knowledge and experience in the following areas:

- AI / data analysis
- data accumulation / aggregation
- data visualisation
- UI/ UX
- Node.js / javascript
- Heroku

Possible costs

Licensing of any libararies. Free-tier server

Equipment or Accounts needed

Social Media Provider developer account, with access to firehose data.

Deliverables

See 'Your Project Deliverables'.