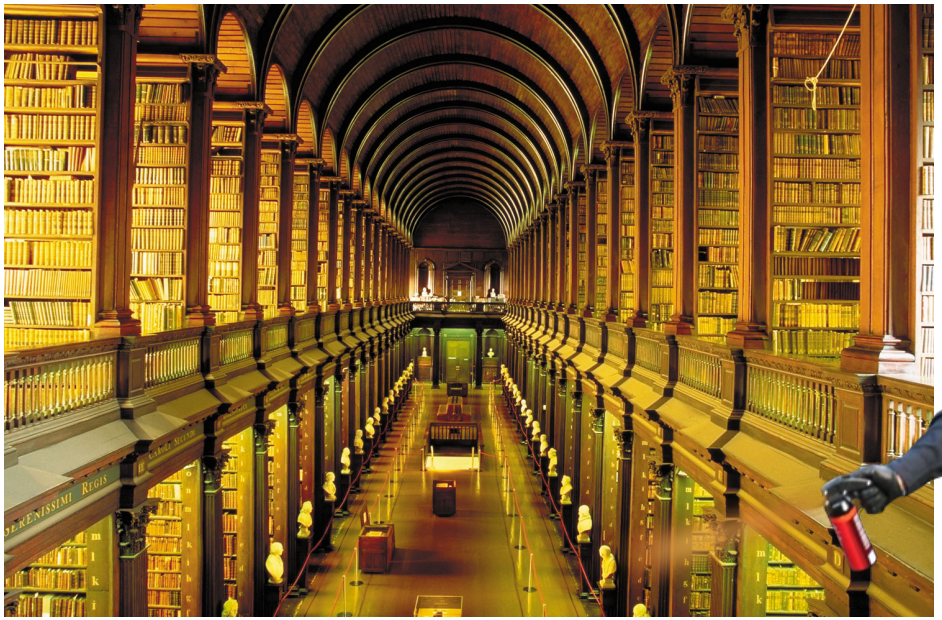
On Running Social Informatics Experiments



S. Felix Wu

Outline

- What is our experiment?
- What is this related to a broader GENI community?

- Pros and Cons about GENI

Social Interactions

Occupy Los Angeles · 55,542 like this
3 hours ago ·

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For some collaborative work on education:
"1. What is the academic industrial complex and how does it support the oppressive status quo>
2. What would liberated learning look like?
3. What alternative models to learning currently exist?
4. What can we build in Southern California?"
LA Coil will be hosting:
http://m.facebook.com/events/411434382264269?__user=100002490914327

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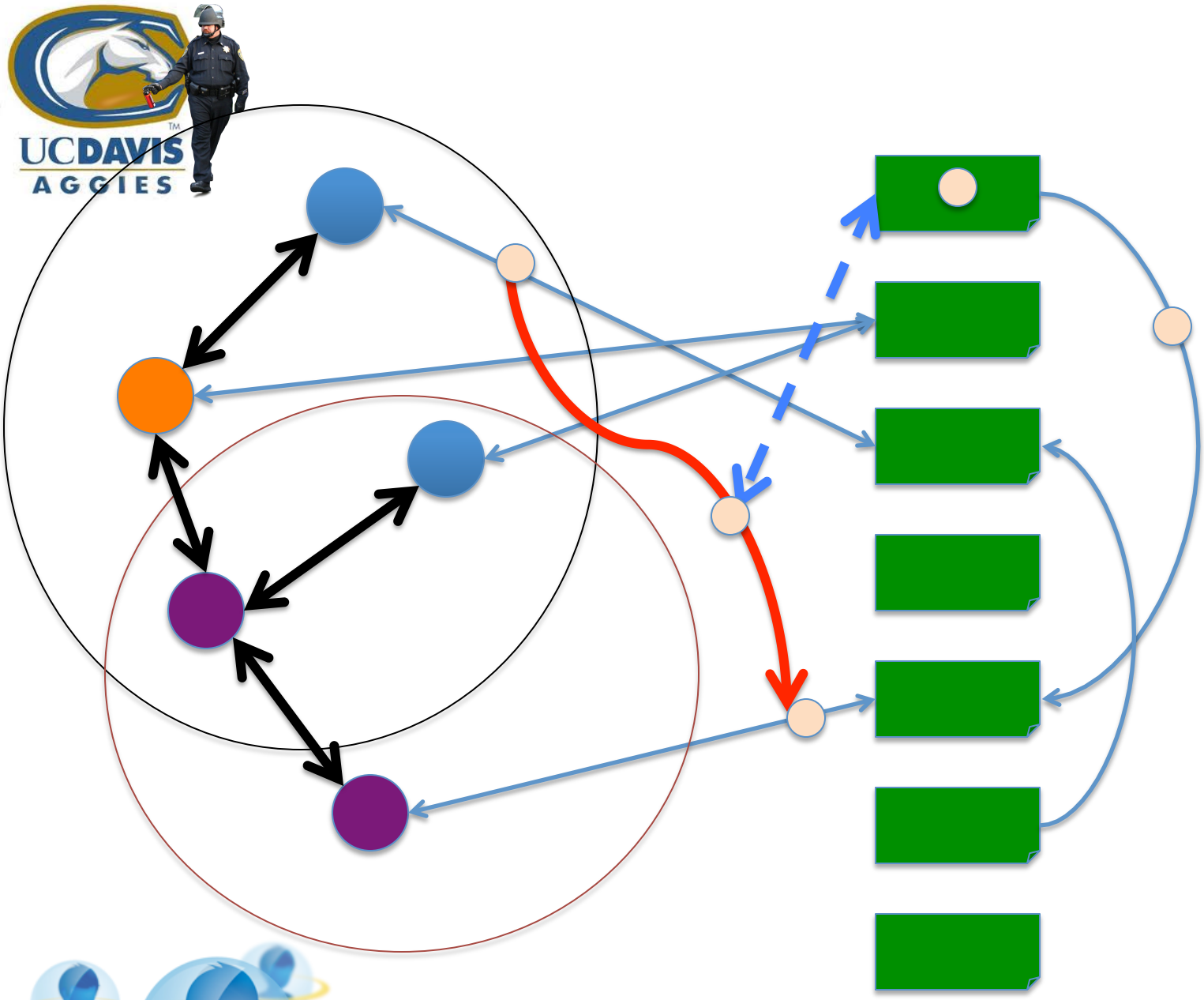


Communication Models

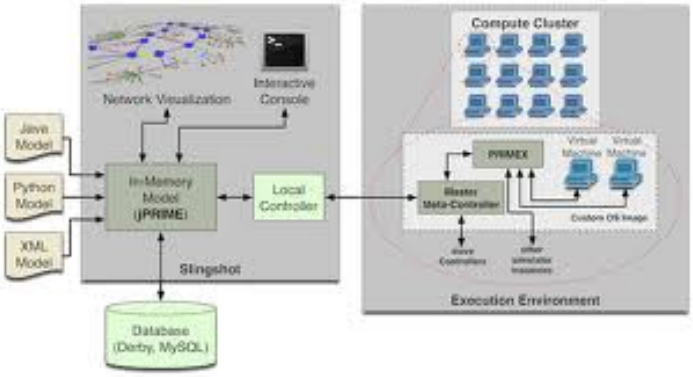
- Triadic Analysis
- Social Capital/Entropy
- Information Cascade
- Psychological Linguistic Analysis
- Framing
- Opinion Analysis

Public FB Discussions

Keep growing…

pages/groups:	880,664
posts:	18,618,481
comments:	150,430,423
likedby:	1,013,593,179
message_tags:	889,444
places:	4,735
shares:	8,924,826
story_tags:	102,943
fb_users:	116,388,463

Time	Function	From	To	Pkt. Receivers	Rec. for next time
T_i	L(M)	U_5	U_1	U_1	-
T_{i+1}	L(M)	U_6	U_1	U_1	-
T_{i+2}	L(C_3)	U_8	U_4	U_4	-
T_j	C_1(M)	U_2	U_1	U_1	U_2
T_{j+1}	C_2(M,tag)	U_3	U_1, U_7	U_1, U_7, U_2	U_2, U_7, U_3
T_{j+2}	C_3(M)	U_4	U_1	U_1, U_2, U_7, U_3	U_2, U_7, U_3, U_4
T_{j+3}	C_4(M)	U_9	U_1	U_1 ,U_2, U_7, U_3, U_4	U_2, U_7, U_3, U_4, U_9



protogeni

geni
Exploring Networks of the Future

NSF

Multiple/Cross Layer

- Human Behavior
- Analytics of Social Informatics
- DB, Storage, Data Center
- Cloud Computing
- L3~7 Networking

- Cross Layers Interference

Experimentation

- Reproducibility
- Realistic Background
- Cross-Layer Monitoring and Correlation

- Open Sources of Code, Modules/Protocols, and Data

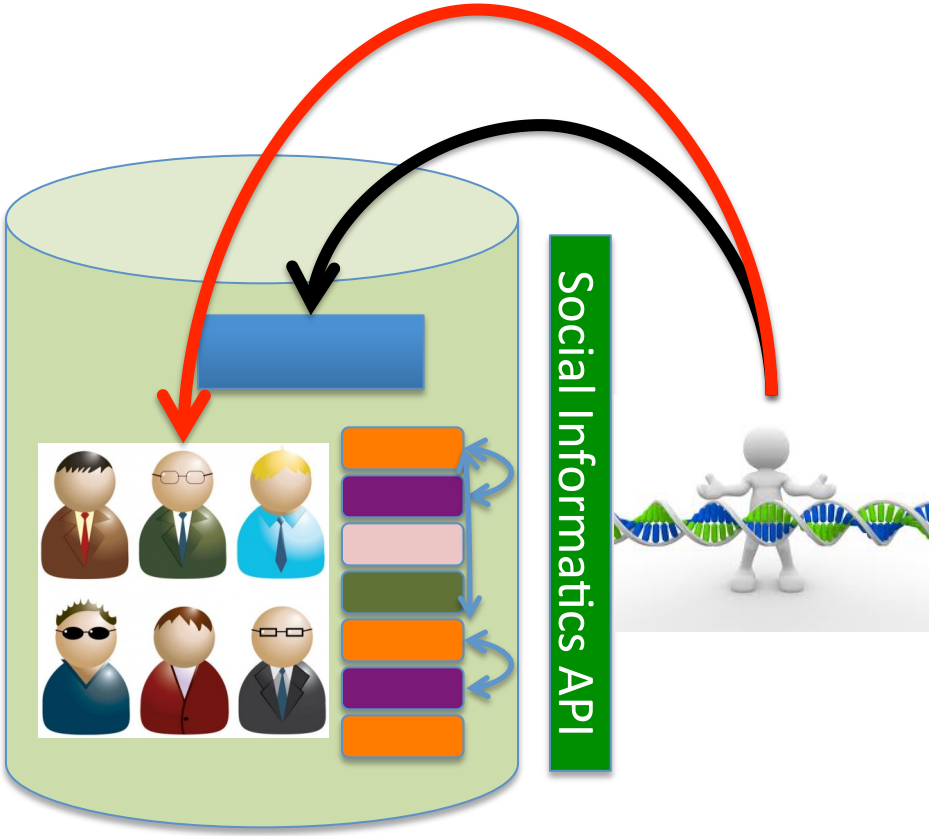
Pros and Cons

- Pros
  - Flexibility and Easy Configuration
  - Built-in Software packages (with OS images)

Pros and Cons

- Pros
  - Flexibility and Easy Configuration
  - Built-in Software packages (with OS images)
- Cons (or to be developed…)
  - Experimenters have to do a lot, i.e., beyond VM/OS
  - Long-Life experiments (and Hot-Swap)
    - Mixed of Real and Emulated Activities
  - Special Requirements: e.g., 32 TB Mem

UCDAVIS
AGGIES


Social Informatics API

Insurance
Home Insurance
Travel Insurance
Car Insurance
Health Insurance
Life Insurance

today's deal
livingsocial
Whole Foods Market
$20 to Spend on Groceries
$10
buy now!
50%
SAVINGS
865,972
PURCHASED
18:11:04
REMAINING

NORTH 91
Greenfield
1 MILE
391 NORTH
Chicopee
Holyoke
EXIT 10
Main St
Chicopee
N. Springfield

WHAT
IS OUR
ONE
DEMAND?
#OCCUPYWALLSTREET
SEPTEMBER 17TH.
BRING TENT.

http://sincere.se

SINCERE

Social Interactive Networking and Conversation Entropy Ranking Engine

Heard some of the LAPD | Search

Include ANY words | Rank by Text ranking | Return top 25 results

Occupy Los Angeles 2011-10-10 20:42:24

682 Likes · 101 Shares · 103 Comments · 0.804879 User Entropy · 0.725265 Post Entropy ·

Heard some of the LAPD dropped off 3 crates of supplies: hygienic products, snacks, sunscreen,etc. for Occupiers! -M.K.

For all of you morons writing 'fuck the police', 'the snacks are tainted', and that it's just a 'tactical move': Shut up. This is a peaceful movement and they have been completely peaceful in return, especially when compared to their counterparts at the NYPD. The city of LA has been very supportive and morons like you give the rest of us a bad name. If your morals and beliefs won't allow you to accept these offerings, fine, don't take them, but please don't try to spread your immature hatred here.

Most angelenos know LAPD can be awesome when it really matters and we would be screwed without em. Its just a few bad apples that really screw up their image.

Their*

Way too much excitement over this. You realize they drop supplies all over the middle east to bolster support for the US presence. A war for hearts and minds. etc. etc. This is not support, this is not love or appreciation. This is strictly propaganda of the highest oerder. Don't fall for it.

The cops are on our side that's why they terrorize us in our neighborhoods and profile us walking down the street while upholding the state and capitalism all together. Yup how mighty kind of them ;)

Nazi officers were people just doing their jobs. Just saying.

I wouldn't eat the snacks...

Sounds fishy to me..