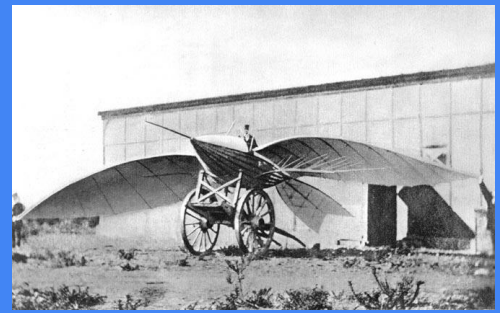


The Respect Matrix

A Simple, Robust Reputation Network

Or: It won't be a dystopian nightmare! I swear!

“It can’t be done”



- A system that detected bad actors would be wonderful!
- but most people believe this is impossible.
- Byzantine Generals was also thought to be unsolvable...
- Until bitcoin showed it could be done!

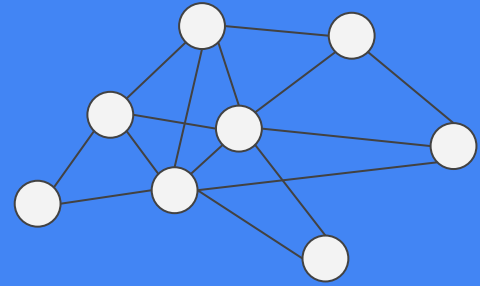
“This talk was only mildly shameful!”

A Rating is a Prediction



- “Five Star Rating” - We think you’ll like this.
- “One Star Rating” - We think you won’t like this.
- Number of reviews can be proxy for confidence
- What about bots and fake accounts? ← Problem 1
- “Outrage Mob” could ruin a person forever ← Problem 2

Use the Graph, Mark!

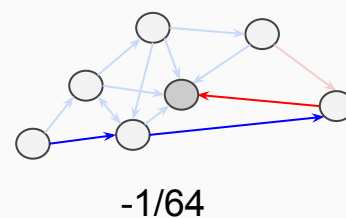
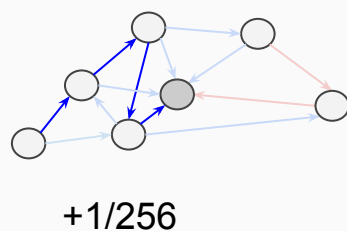
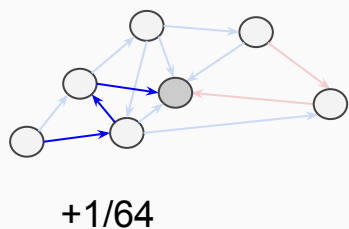
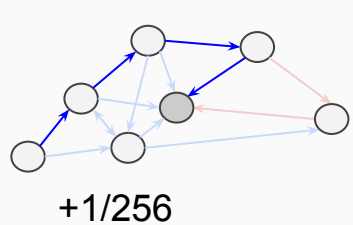
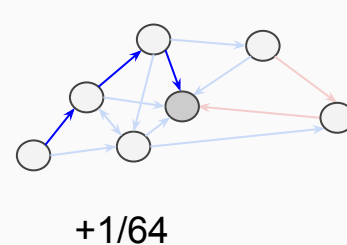
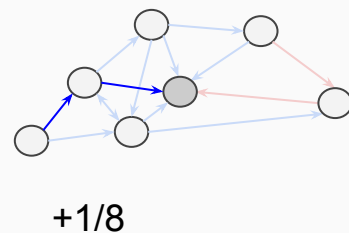
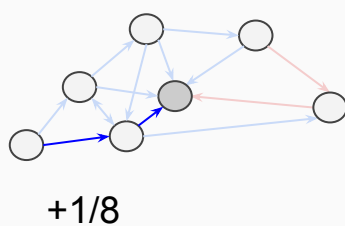
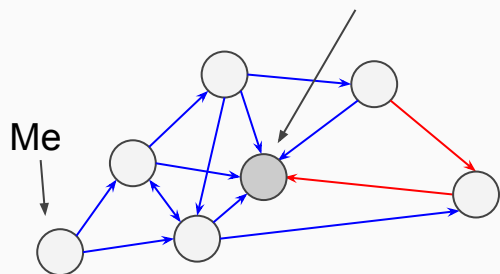


- The social graph is not fully connected!
- We trust our friends more than strangers.
- Gather opinions from friends to evaluate strangers.
- Positive: Good, Negative: Bad.
- **Magnitude represents confidence.**

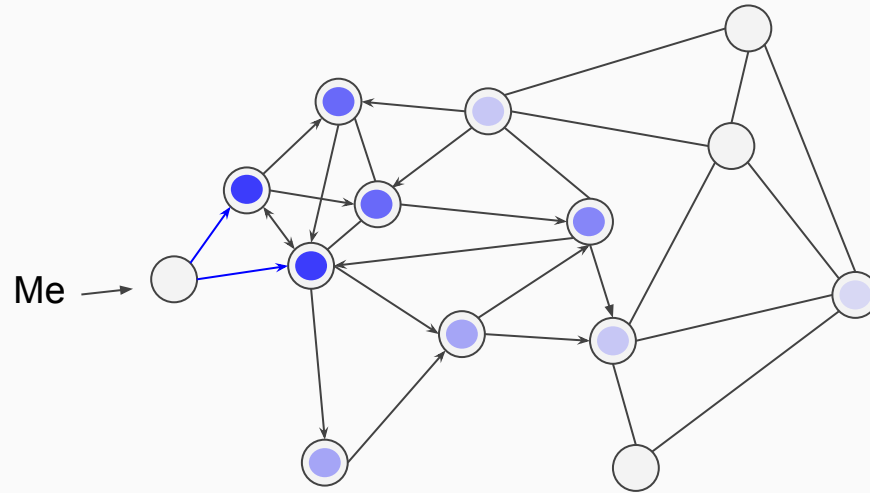
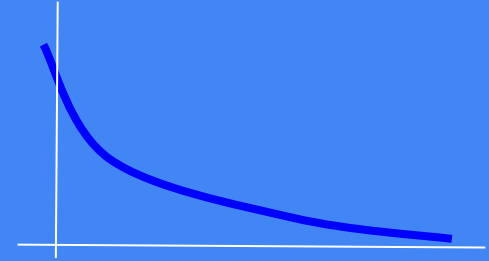
Confidence is a Sum of Paths



Possible Roommate

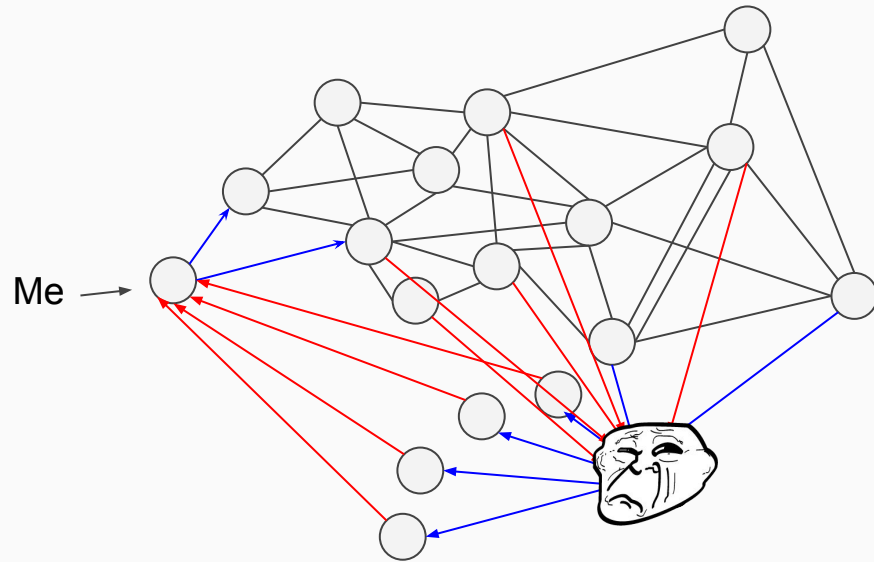


Confidence Drops with Distance



Problem: People can make bots

Solution: Trolls Get Outed!



People I've never met hate me? To the Graph!

These people are all respected by one guy, and nobody else...

Publish "bot troll" certificate to the blockchain, it's verified by other nodes.

These certificates can also be trusted or distrusted by you, at your choice!

Problem: Outrage Mobs

Solution: History Matters!



Victim of an internet hate mob?

Anyone who participated in the mob can easily be identified.

They'll get disrespected by anyone who disagrees with the mob mentality.

Anyone who opposes a mob early can be respected!

Spread rumors: lose respect. Find new truths: gain it.

Consistently treat people well and you will be known for doing so!

How to Use It: Twitter and Facebook

Reddit and other social media coming soon!



Mark P Xu Neyer
@APXHard

hey @RespectMatrix, i #distrust @realDonaldTrump because the man is a straight up #racist.

10:13 PM - 4 Mar 2016
Sunnyvale, CA

Reply to @RespectMatrix @realDonaldTrump

Respect Bot @RespectMatrix · 25s
@APXHard Recorded that you disrespect Donald J. Trump (@realDonaldTrump).



Mark P Xu Neyer ▶ The Respect Matrix
Just now · 🌐

#disrespect Donald J. Trump

Like · Comment · Share

Chronological ▾

The Respect Matrix Recorded that you disrespect Donald J. Trump.
Like · Reply · Commented on by respect-matrix [?] · Just now

Write a reply...

Write a comment...

This will totally remake the entire world.

It is not possible to overstate how big of a deal this could be.



The status quo brought us this guy!

A world where good people are publicly recognized as such, and bad actors can't hide behind lawsuits and paid press IS possible.