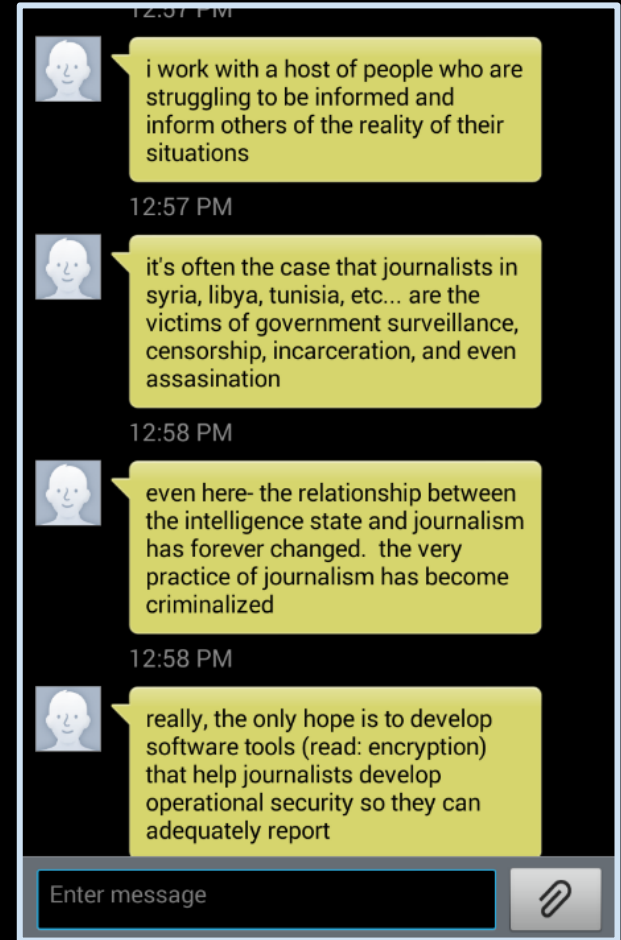


# Pitkin: Secure Journalism

Danny Gibson -- January 21, 2014

# Description

- An anonymous app, hosted as a Tor service
- “One stop shop” for journalistic cycle
  - Research
    - Return information from search bar
    - Chat client
  - Save and access work
    - Writing drafts, saving changes
  - Publish
    - Anonymous publishing
    - This might not be a Tor service
    - ie, readers in “regular browsers”
  - Reward
    - Cryptocurrency tipping



# Justification

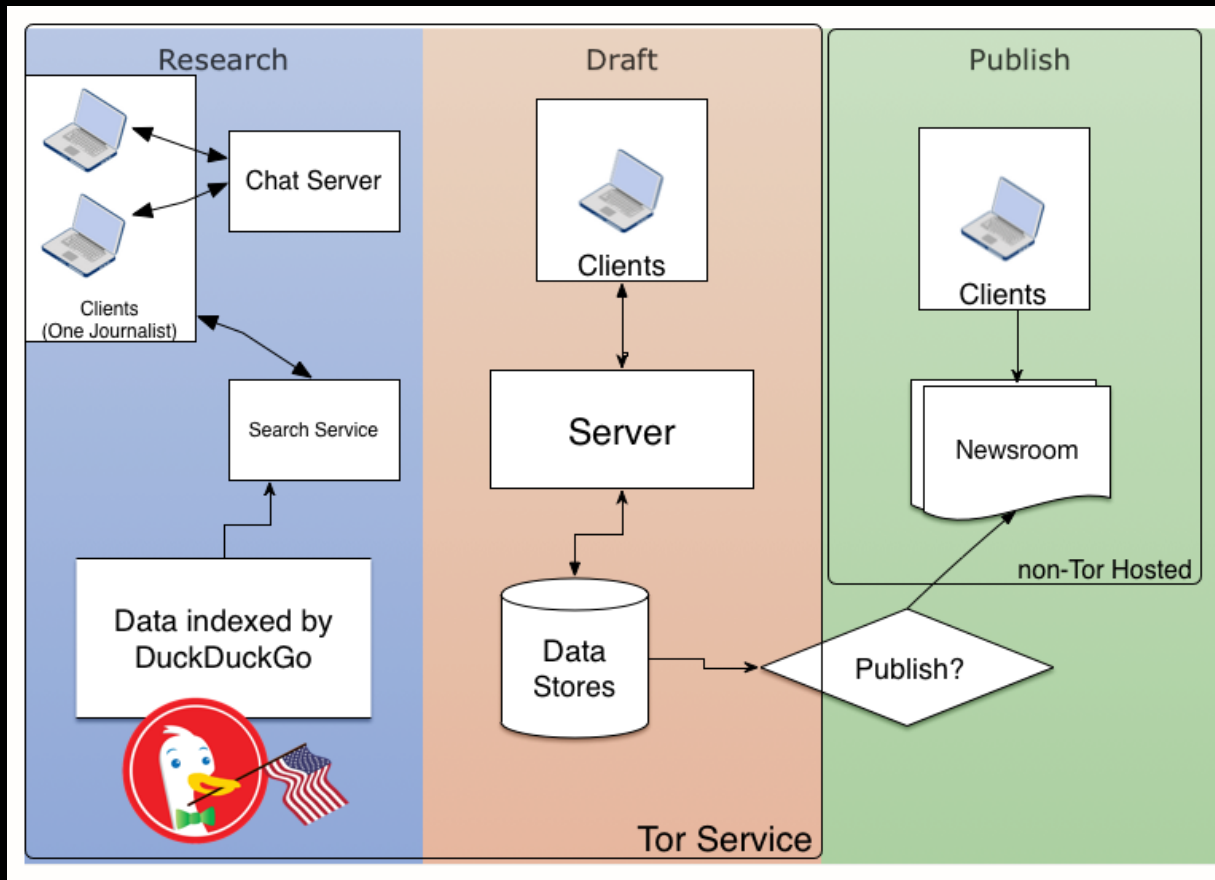
- Incorporate APIs (DuckDuckGo, BitCoin)
- Set up Tor for one or more services
- Write my own API
  - GET on saved data, published pieces
  - POST with drafts
  - etc
- Data structures for storage
- Eye on security,
  - Implement (or at least research and use) a crypto-currency tumbler

# User's Point of View

- Research
  - Search bar and results column
  - User defined chat rooms
- Drafting
  - “Blank space” for writing
  - Directory structure UI
- Publish
  - One button publishing
  - Modal to double check for anonymous option
  - Simple blog roll, categorized
  - Payment by QR code



# Operations



# Technologies

- Node.JS project
- Tor
- Styling
  - SASS for stylesheets
  - Jade for HTML
  - Maybe Marionette for rendering Views (open to suggestions)
- SublimeText

# Conclusion

- Node Web App
- Chat, search, and drafting provided as a Tor Service
  - IPs aren't traced
  - User must have Tor enabled
- Reading is a non-Tor web-app, basically a categorized blogroll

# Questions

