

## Fediverse/MetaNet spec sheet

### Developers

- Ian Crossland
  - Front-End design, Minds co-founder
- Andreas Xirtus
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- James Christensen - JayCeeJr@github
  - Full Stack - Primarily Angular / Django
  - CI/CD - Jenkins / Drone / Vela
  - Docker Kubernetes
  - Postgres
  - 20+ years Linux
  - Wowza Livestreaming
- Stephen Dollinger - soundwavetm2
  - Solution architect
    - Route/Switch
      - Enterprise
      - Service Provider
    - DataCenter
      - Rack servers
      - Blade Servers
      - Virtualization
      - Automation
    - CDN
    - Cloud
      - Delivery
      - Micro Transactions
      - Analytics
    - Security
      - Planning, Designing and implementation
    - Voice/Video
      - Cisco Telepresence
      - Expressway
      - CUCM and CUC
      - UCCE
      - CVP
      - Hybrid Calling
      - CER
      - CUSP
    - Service Provider Routing Switching
      - 10G/40G/100G Configured and setup for CDN networks
  - Load Testing with multiple tools

- QA testing
- BS Information Technology -2010
- MS Information Security - 2022
- Certifications
  - CCIE Voice
  - CCIE Routing and Switching
  - CCNP Cloud
  - VCP
  - JNCP
  - Cisco Devnet
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- Phillip Fisher
  - Full Stack / Backend Engineer / Mobile Apps
    - Mainly C# / .NET
  - Low Level TCP/UDP Communications
  - Security
  - Cloud Infrastructure
  - Payment / Banking Background
- TJ Phippen - siforek | tjhippen@github
  - Full Stack / Backend Engineer
    - PHP(Laravel), SQL, AMQP, SASS/CSS, JS, NGINX, React, Vue, Ionicframework, WebRTC,
    - REST APIs, micro services & 3rd party integrations.
  - Build racing/freestyle drones, arduino/PI gadgets
  - Crypto mining, automated algo switching scripts, masternodes/setup scripts
  - Musician/audio engineering, video editing,
- Coyote Doge
  - Java, SQL, AMQP, Solidity
  - Current Ethereum blockchain developer
    - <https://www.coingecko.com/en/coins/non-fungible-yearn>
- Alfie Coulson
  - Full stack but please don't get me to do any CSS
  - .net/.netcore, react, python, C++, SQL, graph dbs, angular, azure
- Calvin Holloway
  - Founder (and solo dev): www.goodkarma.ai
  - Full Stack
  - Flutter (mobile), GCP/AWS, JS, Go, K8s, WP
- NNKC - Tom
  - Backend large scale systems distributed globally
  - Golang, Python, JS, Java, Ruby, .Net, Scala, SQL
  - BS, MS Computer Science/Data Science Illinois
  - AWS, GCloud, Hadoop, Tensorflow, Kafka, Storm, Jenkins (lol), k8s, Cassandra
  - DevOps Engineer, Chief Architect, Software Engineer, Product Manager

- Android Development
  - Complex Systems and Safety Science interest me
- Ted Dotard
  - Routing: Cisco, Brocade, Extreme, Juniper VPN, Arista
  - VoIP Avaya, Cisco, ShoreTel
  - IDS/IPS/NAC SPLUNK, SPL, SolarWinds, Nagios
  - Linux / Windows / VMWare servers
  - Linux, Apache, MySQL and PHP (LAMP) Puppet
  - Cisco ASA, Check Point and Palo Alto firewalls;
  - Scripting: Python, BASH, Perl, Powershell, etc.
  - Load balancers F5 LTM GTM/DNS/APM, Citrix NetScaler, RoundRobin DNS
  - Storage EMC, NetApp, Hitachi, Seagate
  - Governance: MICS, PCI, SOX, +FERPA, HIPAA
- Phil Romov - QuakePhil@github
  - Been hooked on coding (with slant on r&d/skunkworks) after discovering QBasic in jr high ~25 years ago
  - 20+ years: PHP, JS, SQL, HTML/CSS
  - 10+ years: Python, Ruby, VBA, COBOL
  - 5+ years: C, Perl, Java, AWS, Docker
  - Learning: Go, HCL
  - More details: <https://quakephil.github.io/>
  - Have worked on frontend as long as backend, but more interested in backend
  - Most recent interest coding big data processors using awslabs datawrangler package
- John Miller - [https://gitlab.com/Zakki\\_Orichalcum](https://gitlab.com/Zakki_Orichalcum)
  - Full Stack
  - .net/.net Core, Vuejs, JS, Nodejs, SQL, Python, Java
  - Decent amount of Jenkins and TeamCity experience as DevOps

## The Creator's Delivery Dilemma

- Users demand rich content on user friendly interface
- Content creators want to distribute their content with as little effort as possible
- Huge platforms are available that make it very simple for creator but at the cost of autonomy
- Autonomy is hard because a creator normally can't afford to develop their own platform
- Which do you choose as a creator?

## Problem Statement

Content creators face the creator's delivery dilemma everyday. And because there isn't an easy solution for the average creator to launch their own platform the open source community loses

everyday to the large tech platforms. The way forward to a free and open community is to solve the creator's delivery dilemma.

## Solution Statement

We will provide a very simple to set up, use, manage, backup and redeploy solution that is also user friendly and is palatable to the modern digital consumer. The content creator will be able to quickly configure the platform with no technical knowledge. Then deploy it easily with limited technical expertise. Management will be as straight-forward as any other platform. Backups will be simple and automatic. And the whole site will be redeployable from a single backup on a new server (once again with limited technical knowledge), virtually eliminating the consequences of deplatforming. We will build it in such a way as to allow it to slowly expand its capabilities over time while still keeping the ease of its use paramount.

## MVP Goals - Subscription service style site

1. User authentication and authorization
2. Payment processing / attestation
3. Ability to post and have comments
4. Paywall
5. Mobile App

## Technology stack(s)

- <https://podnews.net/podcast/pi920666>
- <https://boinc.berkeley.edu/>
- [https://en.wikipedia.org/wiki/Sun-Ni\\_law](https://en.wikipedia.org/wiki/Sun-Ni_law)
- <https://www.envoyproxy.io>
  - <https://youtu.be/J9AYpmw8E7A>
- <https://awesomeopensource.com/project/gdamdam/awesome-decentralized-web>
- <https://www.arweave.org/>
- <https://bondlyfinance.medium.com/bondly-and-chainlink-work-together-to-build-a-new-digital-economy-eed41c682b02>
- <https://skale.network/>
- <https://filecoin.io/>
- <https://ipfs.io/>
- <https://www.okd.io/>

## Github Repos

- <https://github.com/tartaria-nova/RSS-3.0>
- <https://github.com/tjhippen/fediverse>
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## Alternate Techs

- Mastodon
- Dendrite
- Danube Cloud
- Diaspora
- Pixelfed
- Peertube
- Activity Pub
- cPanel
  - Wordpress
- Metamask
- OKD
  - Kubernetes
- Oauth2 for authentication
- <https://www.keycloak.org/>
- <https://aragon.org/>
- <https://radicle.xyz/>
- <https://gogs.io/>

## Paypal Alternatives

- <https://www.giveforms.com/>
- Anonymized Tether like wallets which can be funded by any source <https://tether.to/>

## Examples

- <https://flipboard.com/> aggregator

## To install for our Element Matrix Instance

- Jibri for Recording jitsi video conferences to odyssey or youtube  
<https://github.com/jitsi/jibri>  
501.c delaware

<https://www.harborcompliance.com/information/how-to-start-a-non-profit-organization-in-delaware>

<https://www.swyftfilings.com/learning-center/best-states-to-start-nonprofit>