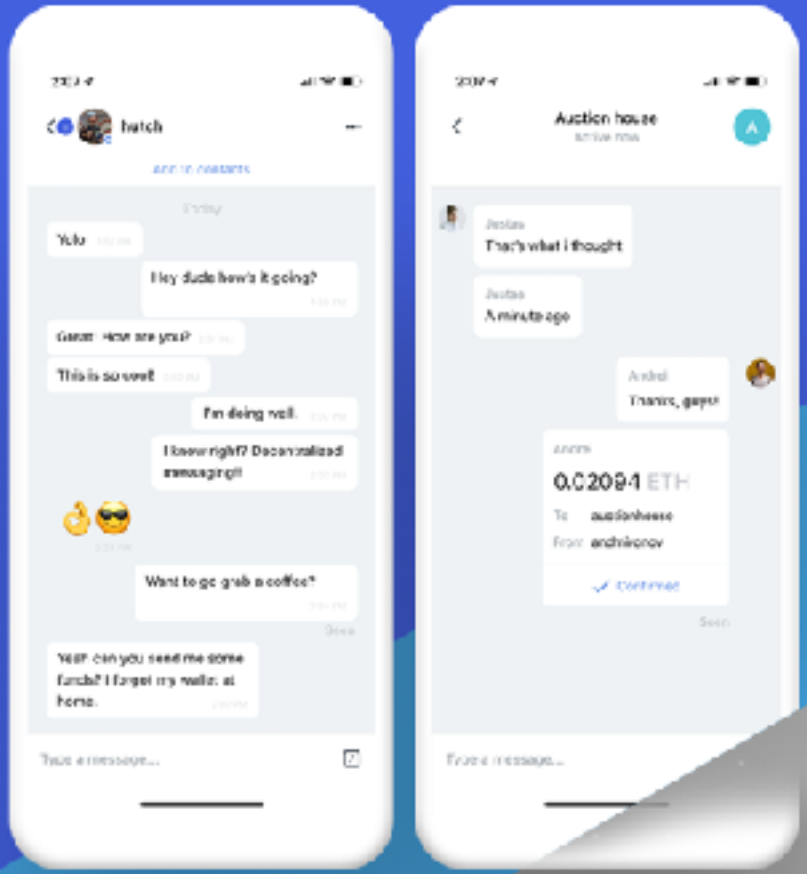
ETHEREUM

Everyone and everywhere

Chat, and then some

Send and receive peer-to-peer messages and payments.

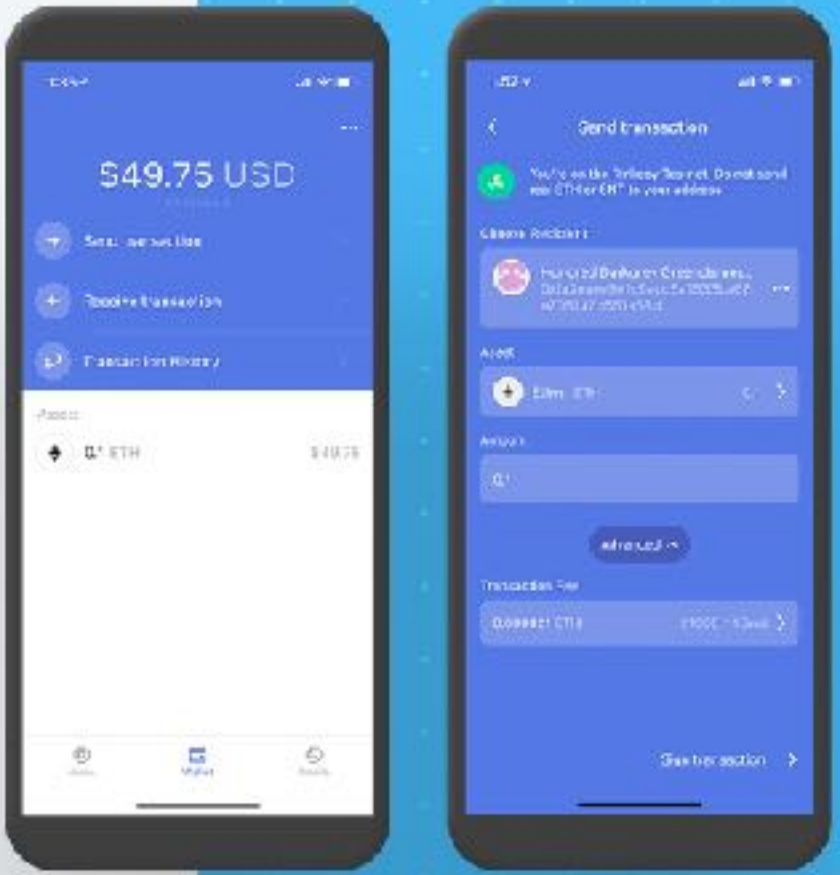
status



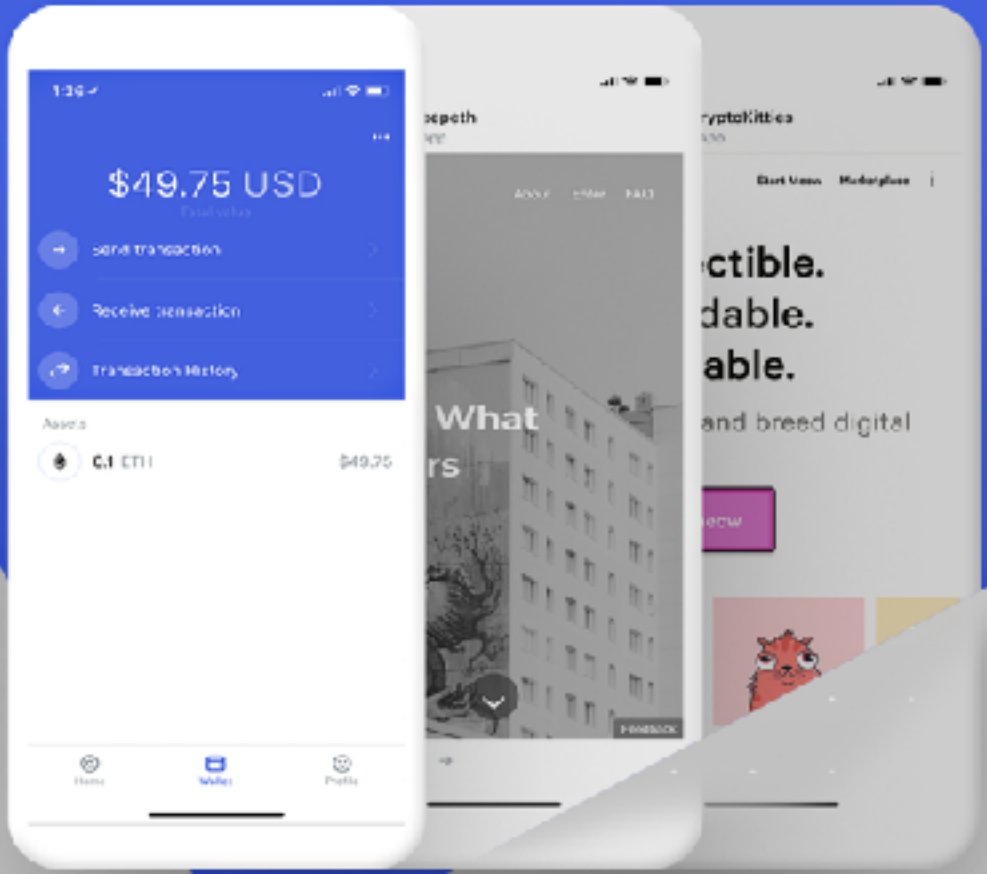
Transact Seamlessly

Safely send, receive, and store your crypto-assets.

status



status


$49.75 USD
Send transaction
Receive transaction
Transaction History
Assets
0.1 ETH
$49.75
What
ctible.
dable.
able.
and breed digital

Collaboration and Collective Knowledge

1

There exist different ideas of what ‘computer’ means.

2

A networked method of advancing collective knowledge through collaboration at scales never before possible.

3

A means of enabling creativity, not competition; collaboration, not mass surveillance.

The Web That Wasn’t

1

Andrew Michael Ramsay,
The Freemasons and The Universal Dictionary, 1737

2

Charles Cutter, inventor of UDC and contemporary of Melvil Dewey. Also, H.G. Wells and the “The World Brain”.

3

Teilhard de Chardin (a Jesuit priest): new ways of collecting sharing info and an altered, “divine” consciousness with unfettered access to information.

Paul Otlet

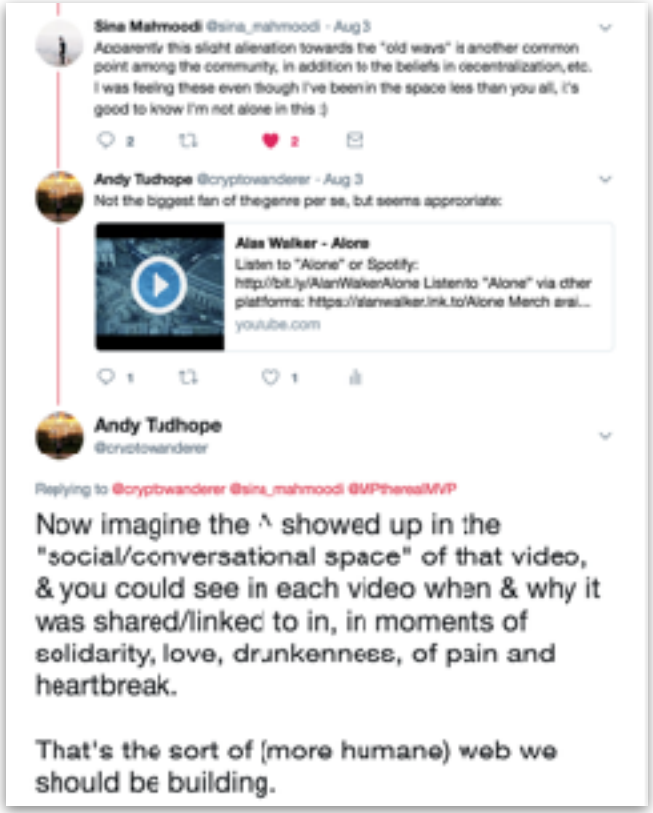
"The Universal Book, formed of all books, would become a kind of annex of the brain itself, a substrate of memory... ubiquitous and eternal."

Universal Bibliographic Repository (circa 1895) 15m index cards by 1934

Mundaneum (circa 1910)

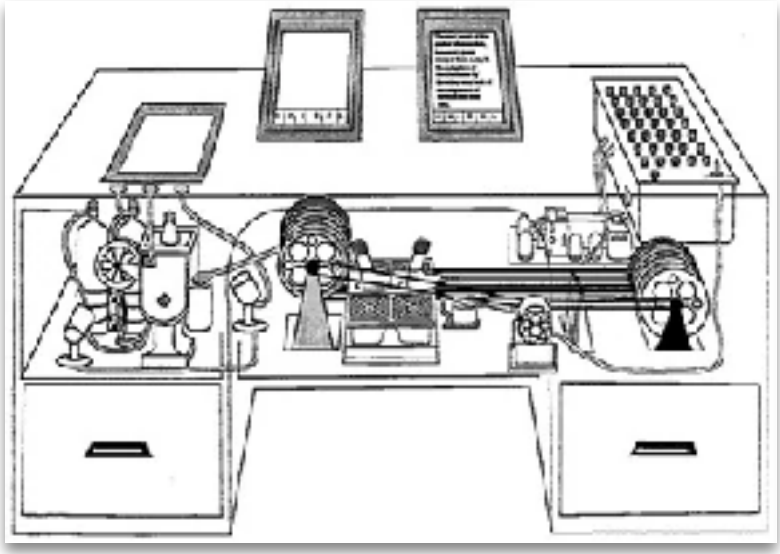
Give Me Some Context

- UDC was a top-down classification system.
- Auxiliary tables to mark relationships: “+”, “/”, “:” etc.
- Links carry meaning!
- Constructing the “social space” of documents.



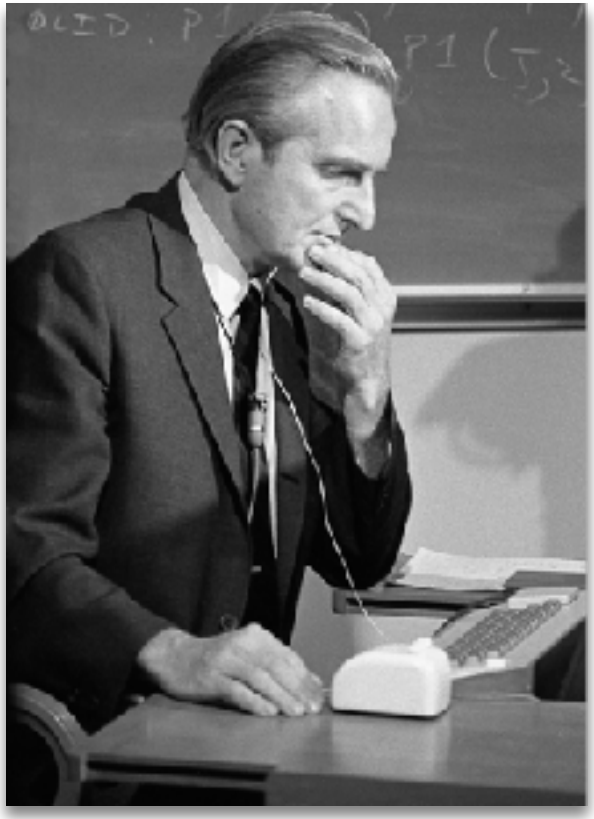
The Memex and Visible Trails

- Vannevar Bush, “As We May Think” and the Memex.
- Built around microfilm: pull up 2 documents side-by-side and then make associations between them and build a trail/construct a path that is **visible** to other users.
- Completely bottom-up, user-driven system.
- Links work in both directions.



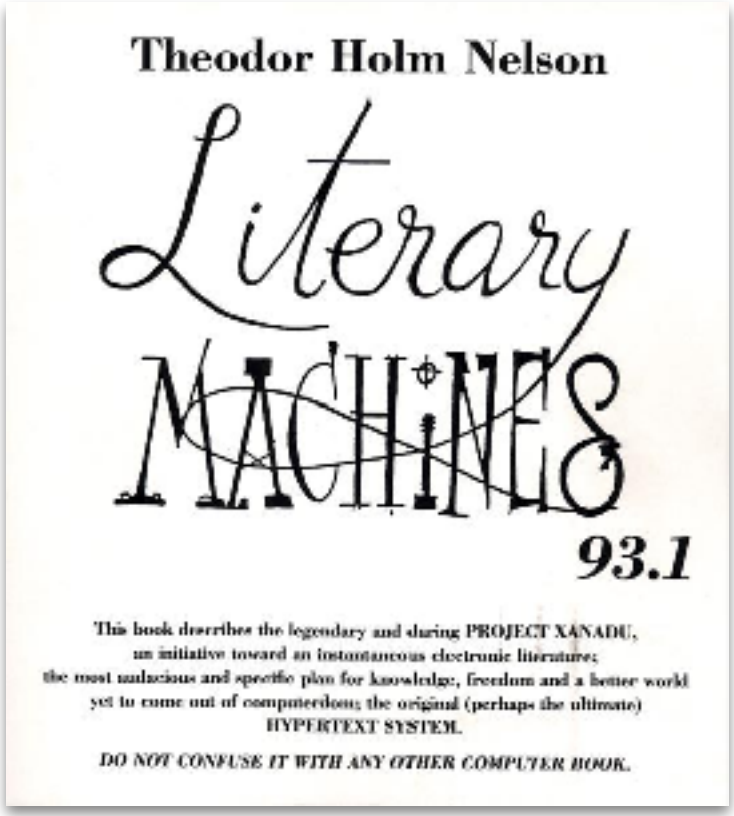
Doug Engelbart!

- Creator of NLS, author of “Augmenting Human Intelligence” and giver of the famous “Mother of All Demos” in 1968.
- Networked computer systems could create new ways for people to collaborate, share info, get things done.
- All about **groups of people**!
- How do we help people operate in the domain of complex information structures?
- What is the knowledge repository of all knowledge repositories?



Xanadu: The Best Vapourware Never Written

- Ted Nelson, hypertext and Literary Machines.
- Andries van Dam: HES
- Transclusion, hyperbooks, Information Spaces and structures.
- Sir Tim Berners-Lee and the web today.
- **So, what does Ethereum look like as an Information Space, and what can we build it to be?**



What is the Web That Wasn't?

1

Top down classification. Bottom up social space.

2

Two-way linking: links which carry meaning themselves.

3

Visible paths through information: modern marginalia.

4

Users must be equivalent to authors.

5

Conversational spaces must be part of the architecture itself.

It’s a collaborative, creative conversation

Bitcoin and Ethereum, as information spaces, enable conversations about value in ways not before possible. Ethereum, in particular, has a generalisable machinery and language which allows for the trustless execution of arbitrary code on one, shared “thing”.

Come Again?

Trustless execution of arbitrary code on a global network capable of deterministic computation means that we can forge language which helps **communities practice**.

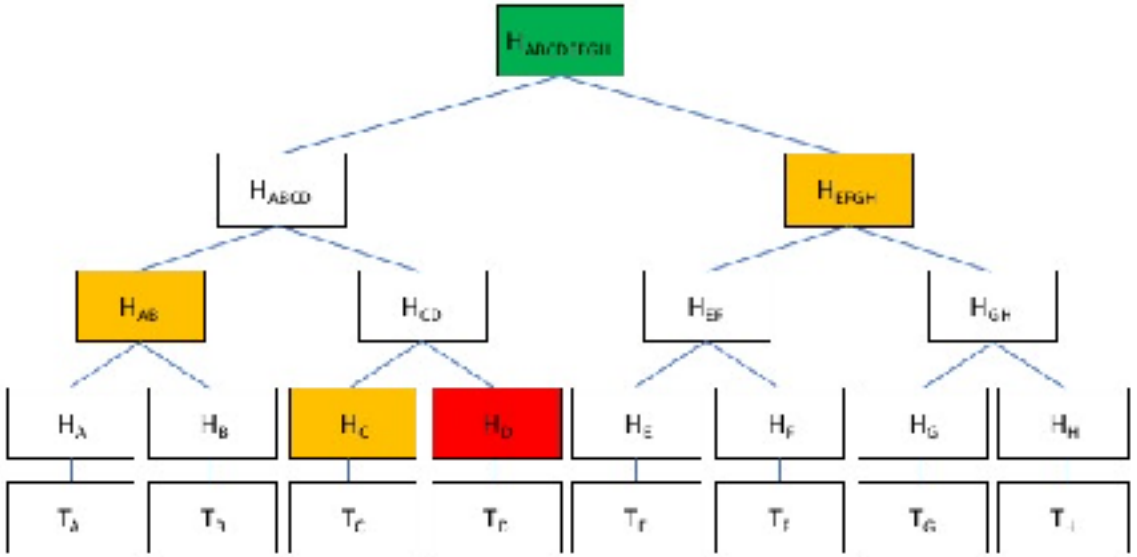
Perhaps even further: ... which require a certain kind of practice about the linguistic primitives we use in order to be a part of the community at all. DAOs and Knowledge Repositories come together!

The Web That Could Be

The Web That Could Be

1

Top down classification.
Bottom up social space.



The Web That Could Be

2

Two-way linking: links can even carry value.

3

Visible paths through information: modern marginalia.

Ethereum is “a purely Object Oriented environment where you know, always, which object has sent you a message.”

The Web That Could Be

4

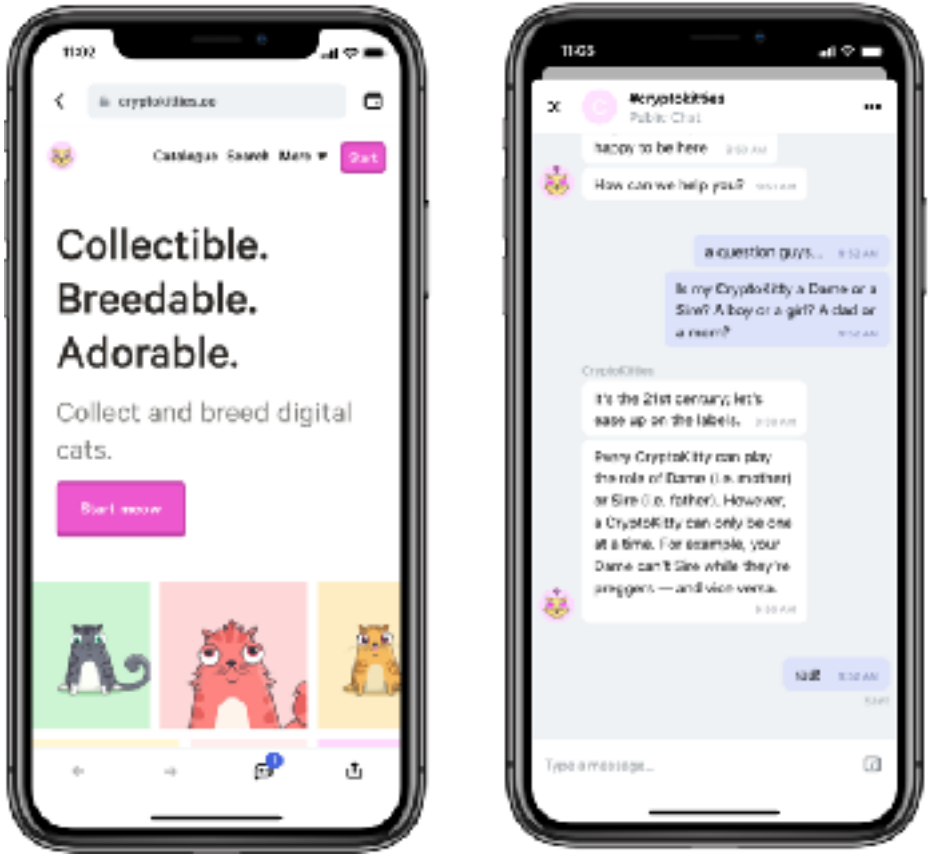
Users are authors.

5

Conversational spaces are becoming part of the architecture itself.

Conversational spaces aimed not at advertising or tracking, but to explore **and map** creativity and collaboration on scales never before possible.

New Conversations

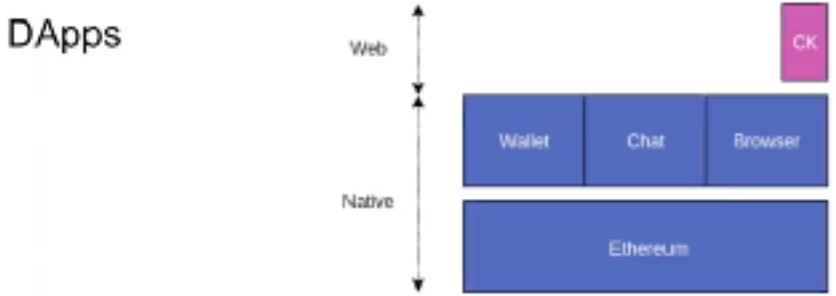


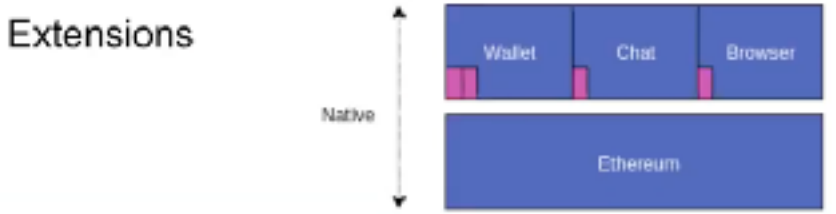
Social Spaces

- Chat must be directly integrated with products and services.
- Not just in Status though - these are group chats that are gossiped around whisper, encrypted with a unique topic so anyone can plug in, from anywhere.
- Learn more about the community, get help, find the others - directly behind the DApp.
- **All as an inherent part of the architecture itself!**

Extensions

- Let’s actually build decentralised tools and services…
- Provide your own features directly through Status!
- DApps with native feeling - no way to distinguish between a “Status feature” and an “extension”.
- Group chat commands, video streaming, better DEXs, custom asset screens, ephemeral DApps.
- No build required! Just one filed shared via decentralised storage.





Escape the App Store!

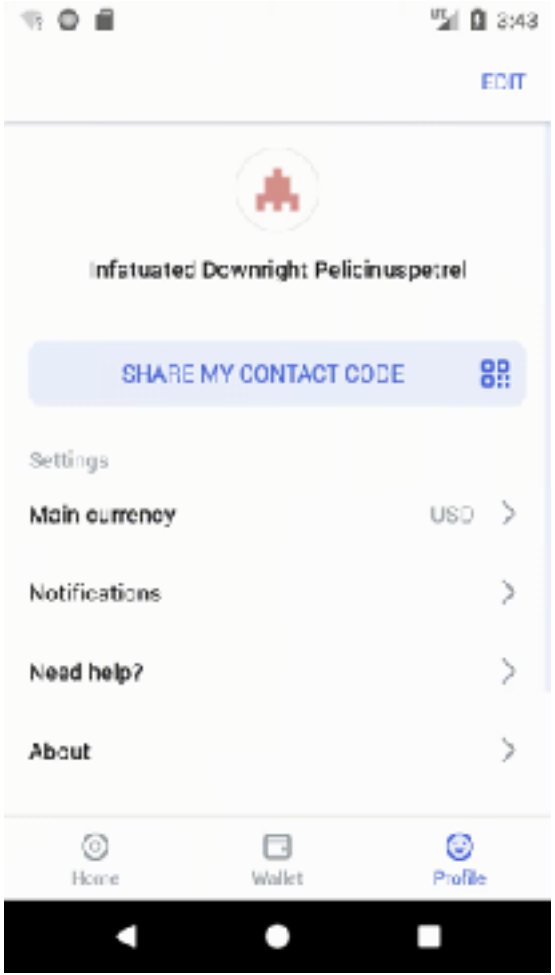
An Extension:

- Leverages multiple hooks (defined by host)
- Is composed of views, queries, and events.
- Is hosted via decentralised storage
- Leverages native Ethereum access.

A Status User:

- Loads extensions via ENS username
- Controls extension activation

https://gist.github.com/janherich/92747e730b2e115bcbe145114d024e66



Thank You

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