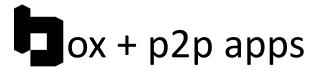
Democratize Software with Web 3.0



Functionland



Functionland - Team



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Status quo

Google's mission:

Organize the world's information and make it universally accessible and useful.

Both noble and humble.

Let's put it to a test, shall we?

Something easy, review of a website on YouTube.

Status quo

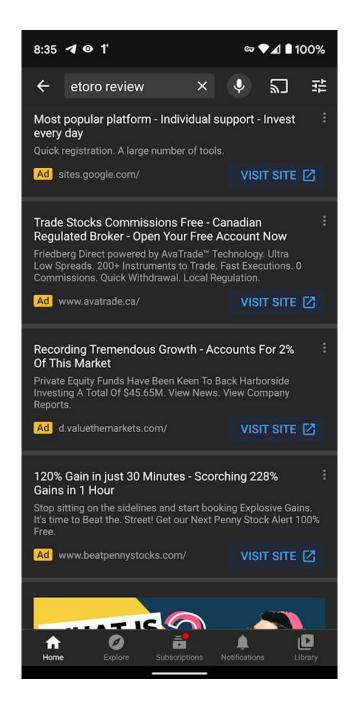
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Status quo

No information whatsoever on the first page.

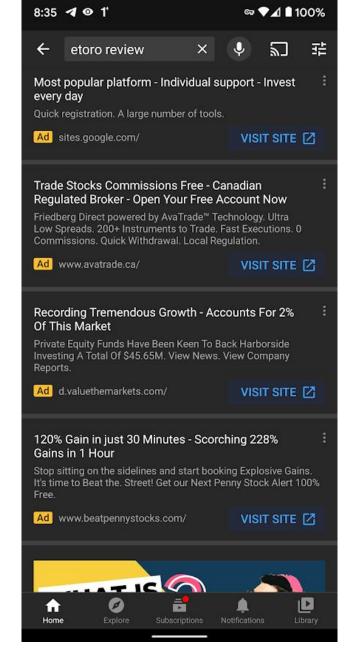
Just Ads!

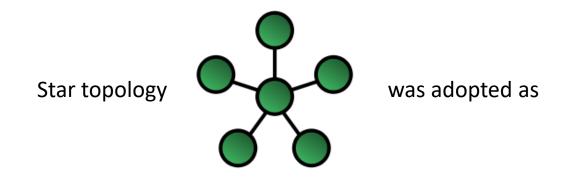
What happened? Where's my accessible and useful?

Maximizing Shareholder Value

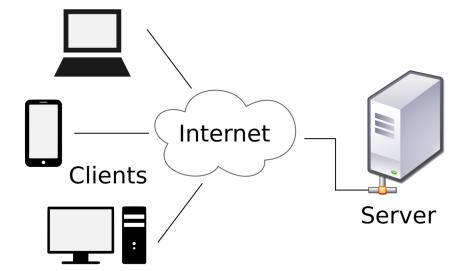
This is new, Google ads used to be very small links next to your email. It's not their fault, really,

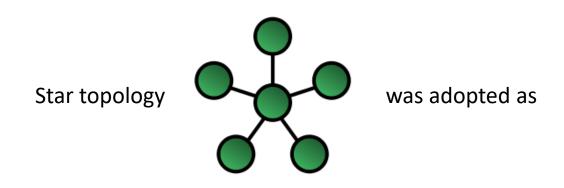
they used to be **not evil**! [1]



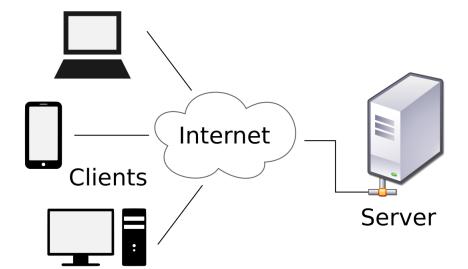


the **architecture** of the first web:

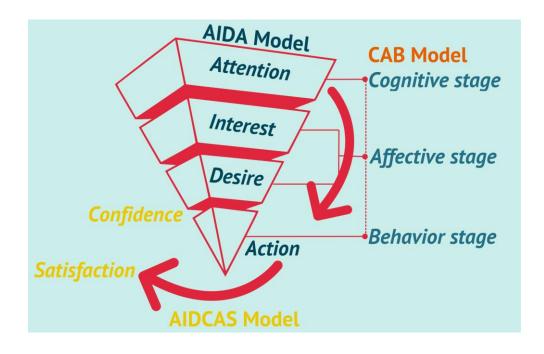




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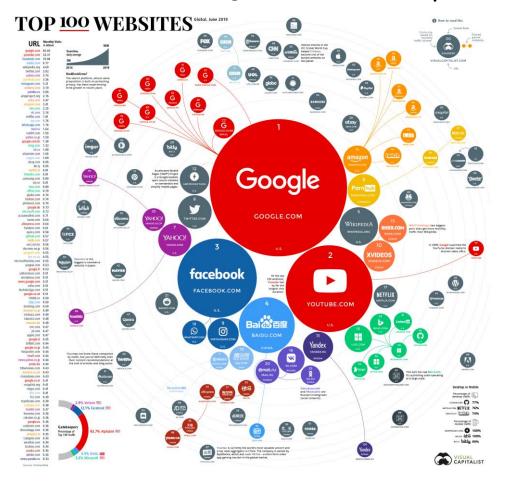
For business model,



what later became the Big Tech, decided to resort to techniques from the 19th century! [2]

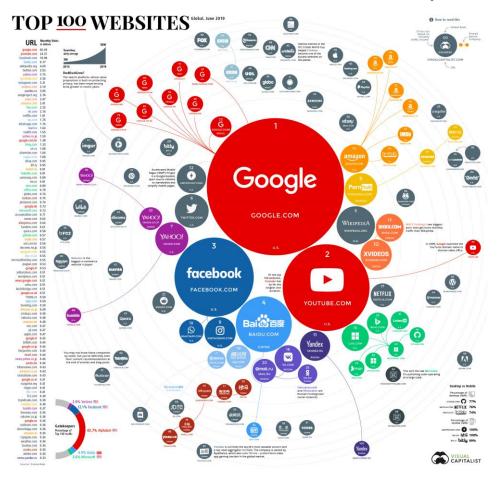
By design, this has resulted in:

the Web becoming a bunch of monopolies,



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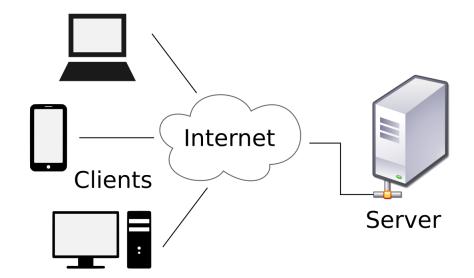
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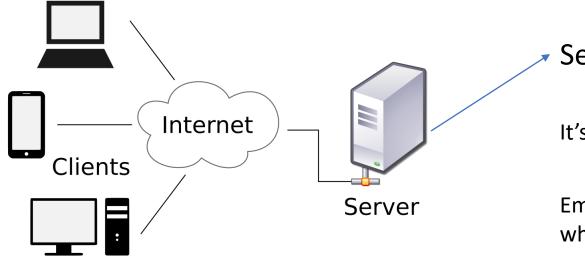
and us becoming sleepless goldfish!



What makes the current Web centralized?



What makes the current Web centralized?

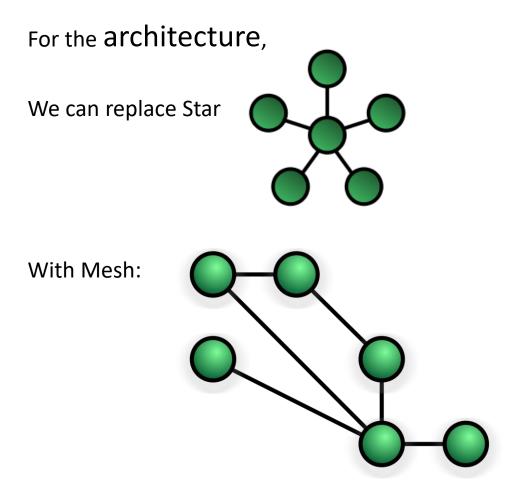


Server is where our data is kept

It's physically residing at Google, etc.

Emergence of evil is inevitable when they have all our data





That gives us Web 3.0,



aka the decentralized Web.

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aka the decentralized Web.

Instead of attention, which is a key element in functional human beings,



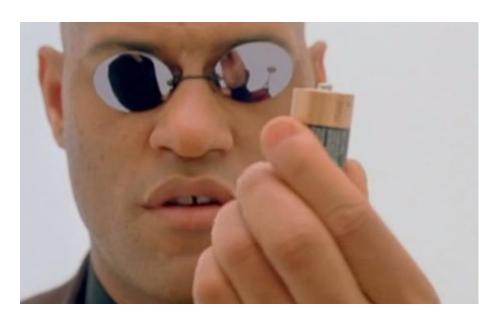
we can consume something else to feed the beast!

That gives us Web 3.0,



aka the decentralized Web.

Something like electricity!



We don't need to sacrifice people to generate more of it.

- Web 3.0 software stack has come a long way
- The movement started as decentralized money (Bitcoin)
- But quickly became decentralized data structures





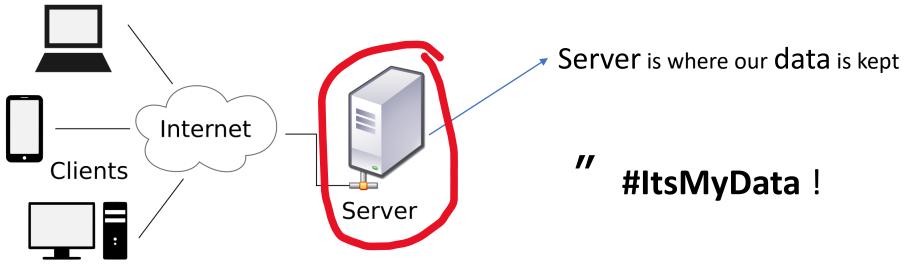
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- The technology is here!
- The User Experience is not

The missing piece in the puzzle is not software, it's Hardware!



We need an alternative for the source of centralization!

Evil won't perish until we take back control of our own data

- We can move the server to our homes, a "Personal Server"
- But we lose the Cloud! What if a fire destroys my server?
- Have another server at parents'? The data syncs up
- Still not enough guarantee, I should *never* lose my passwords!
- That data can still be secured in other places, e.g. with Filecoin
- So there will be monthly charges for a password manager?













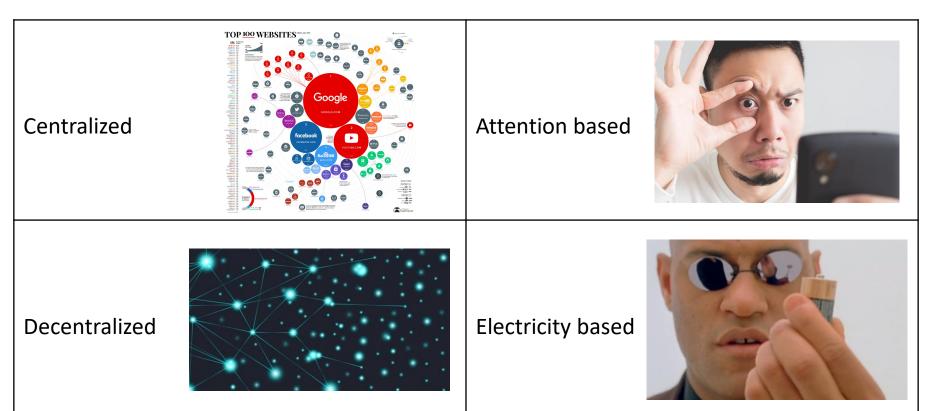




This solution moves us from:

Architecture

Economics



User Experience

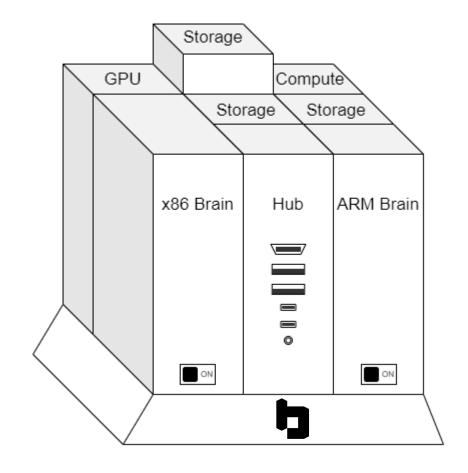
HW + SW



"box" is a new form factor for Personal Servers

As a gadget, box has three distinctive properties:

Stationary
Plug and Play
Composable





Stationary

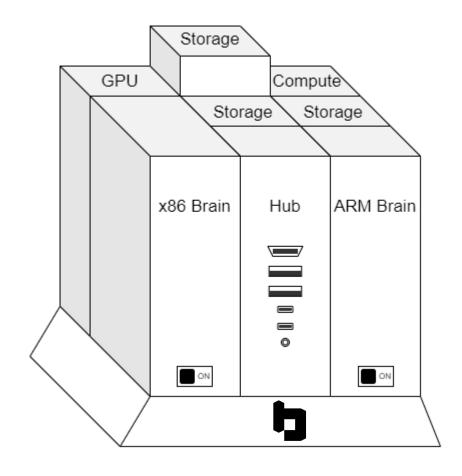
Sits still at home next to the net connection

Compared to a smartphone, box's design doesn't need to keep tabs on:

Battery consumption

Pocketable size

Safekeeping





Plug and Play

There's box the gadget, and box the server software

Any home computer can be converted to a box by installing the software

The gadget is designed for the non-tech-savvy consumers

It requires zero config for setting up, updates OTA

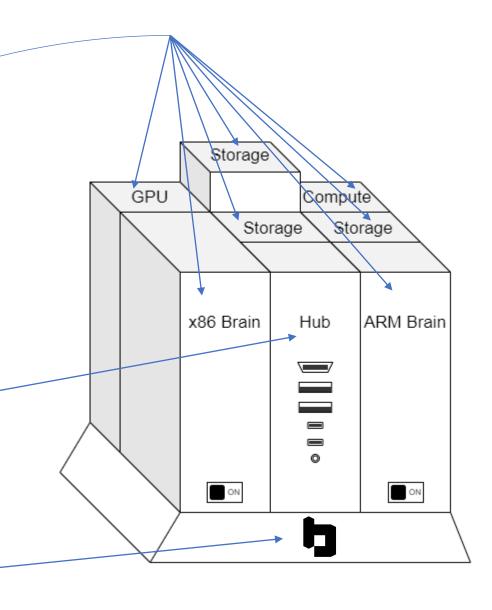


Composable

Consisting of up to 8 nodes

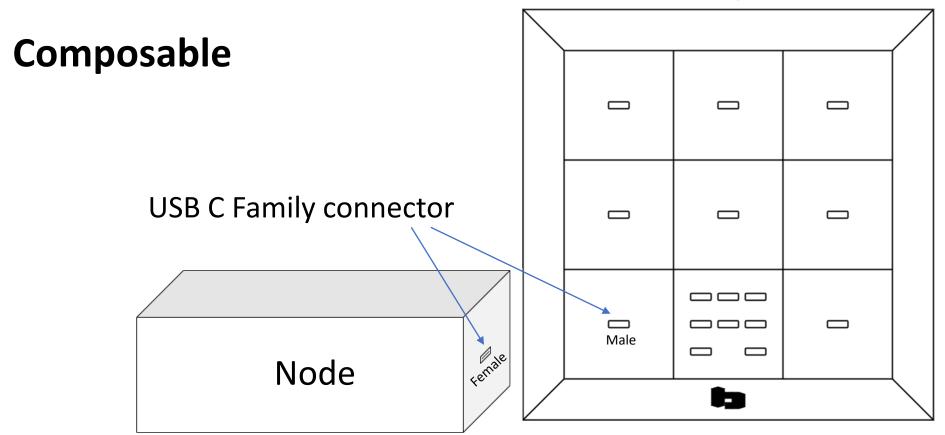
a hub

and a base





Base (top view)





Composable

Each box can be customized by the selection of nodes

One box can be configured for maximum data storage, another can target coin mining by having multiple GPUs



Composable

"BoxOS" is a universal interface

Different boxes can talk over the network since they expose the same software interface This distinguishes a box from traditional desktop workstations

BoxOS is not a standalone operating system

It's the server software running on top of a Linux (through Docker)

P2P Apps

A new generation of apps with distributed backends!



Introduction Blog

Managed Services

File Protocol

Data Protocol



Al Protocol (upcoming)

P2P Apps

Planned initial apps:



An alternative to Google and Apple photo services



A chat and social sharing platform

Unnamed App Store

Medium of downloading and updating new apps over blockchain, providing financial aid to OSS

Thanks for your attention!

With 💙, Functionland