

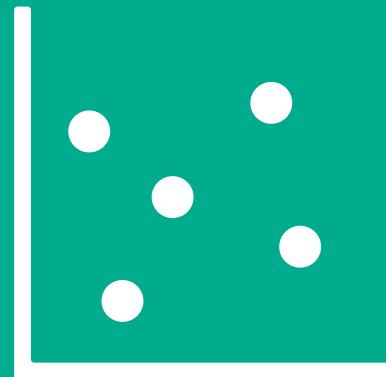
WEB 4.X



Your Data, Your Identity & Your Software
Under Your Total Control

What Web 4.x actually is.

Programming in which:

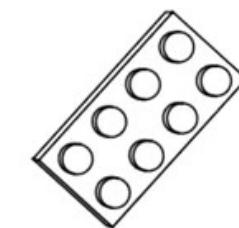
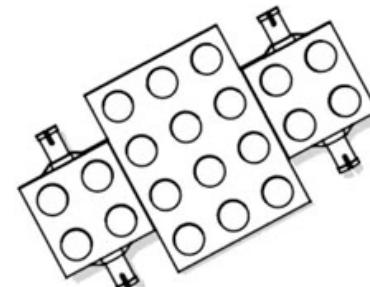
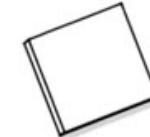
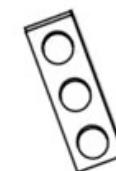
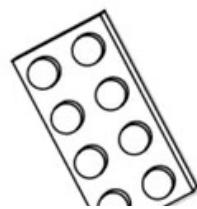
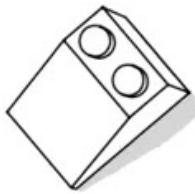


Web Information (Data)

=

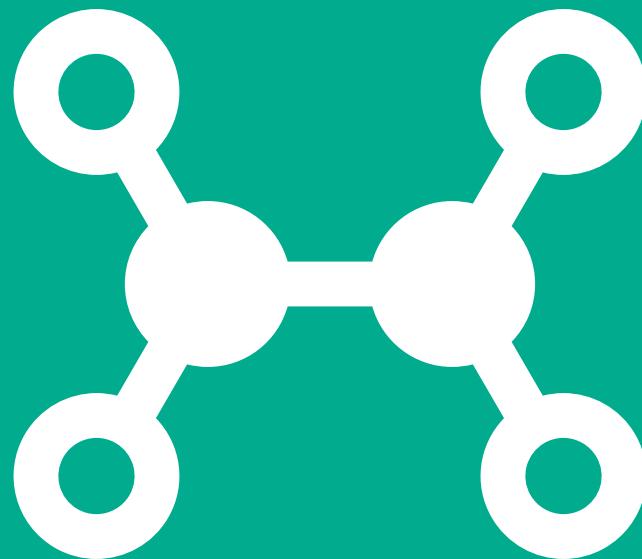


Web Objects (carriers of data)



Web 4.x is a real thing.

A distributed network of



fully secure,
autonomous &
interoperable
web objects

Web 4.x has a deep history.



ARPANET/SmallTalk
(1969)



HyperText Transfer Protocol
(1989)

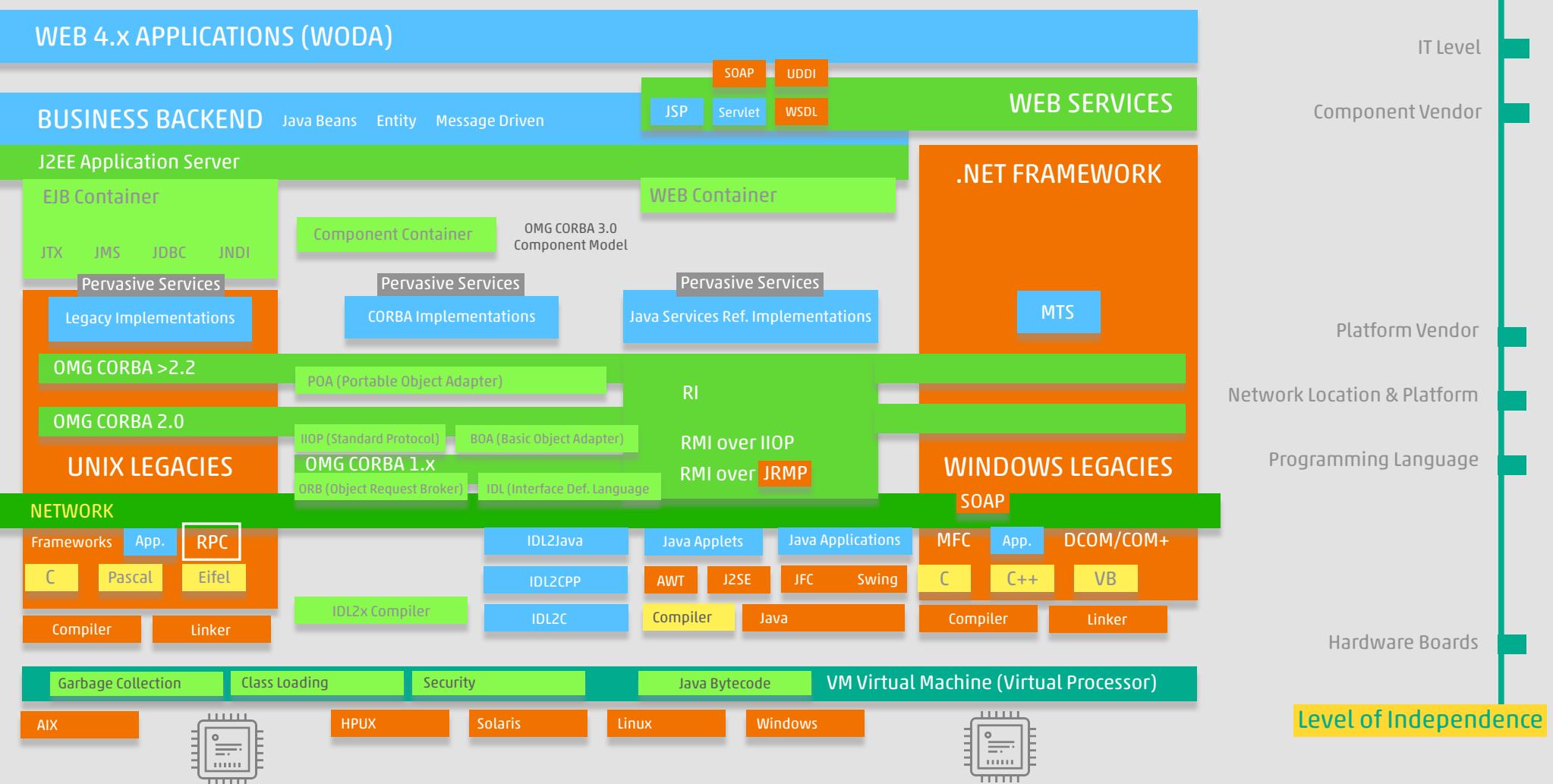


Internet of Services
(early 2000s)



Web 4.x Infrastructure
(2019-today)

How technology infrastructure actually stacks up on the InterWebs.



Web 4.x is about self-ownership.



WEB 1.0 & 2.0

“My Data, My Identity & My Software Don’t Really Exist”



WEB 3.0

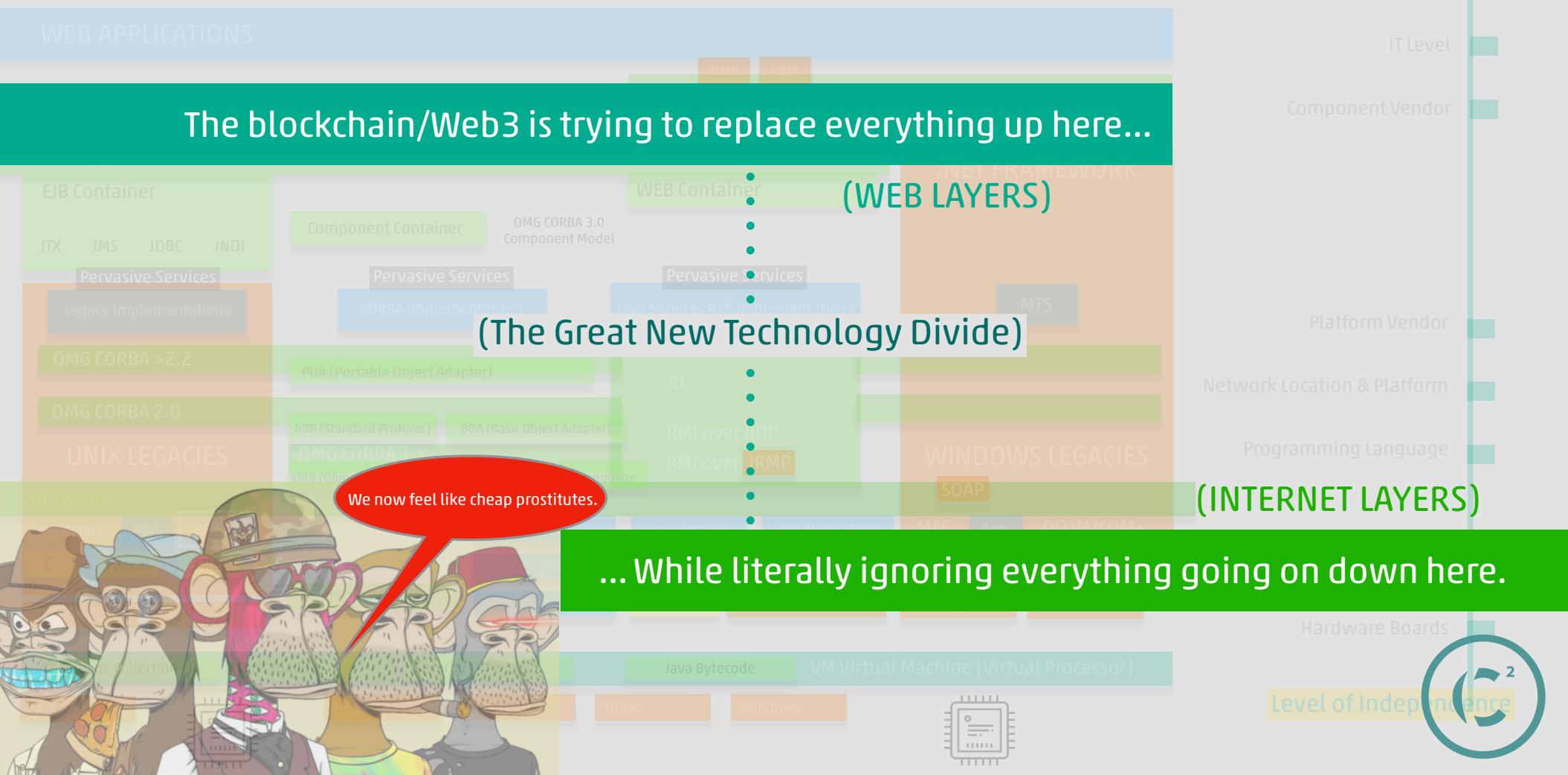
“My Data, My Identity & My Software under Someone Else’s Control”



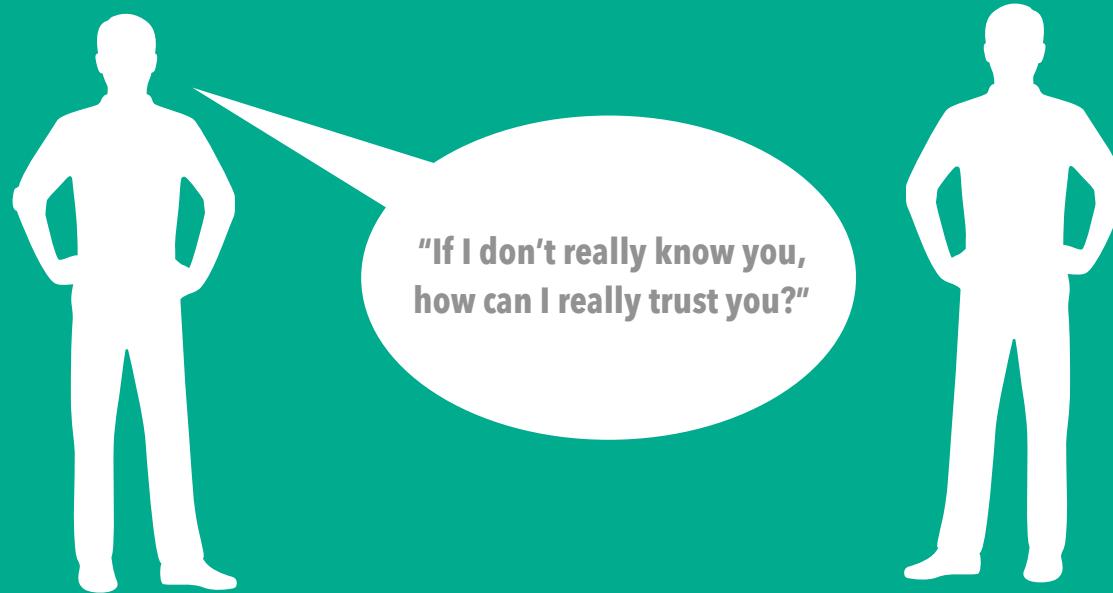
WEB 4.x

“My Data, My Identity & My Software under My Control”

How technology infrastructure actually stacks up on the InterWebs.



Web 4.x is about real trust.



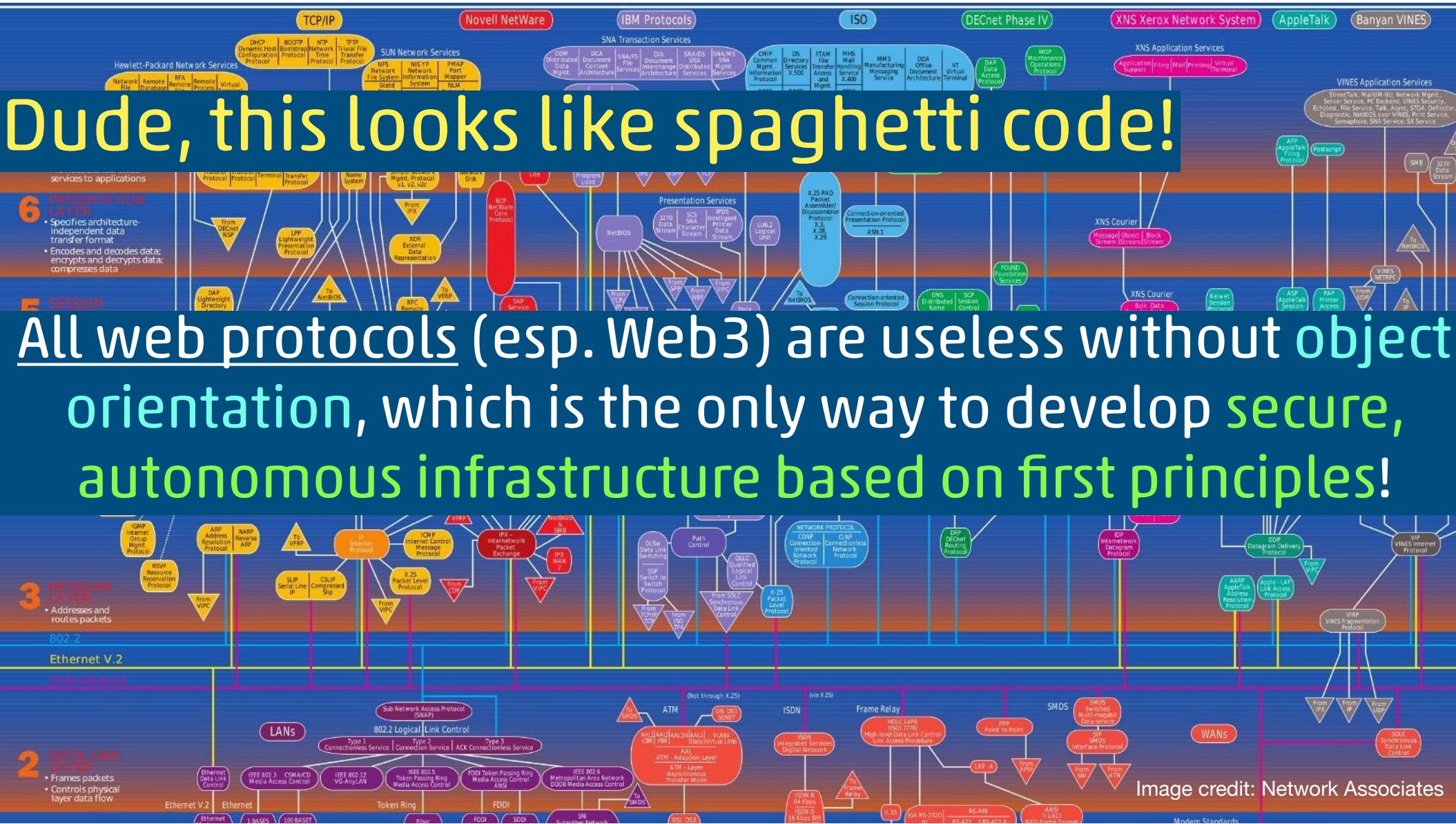
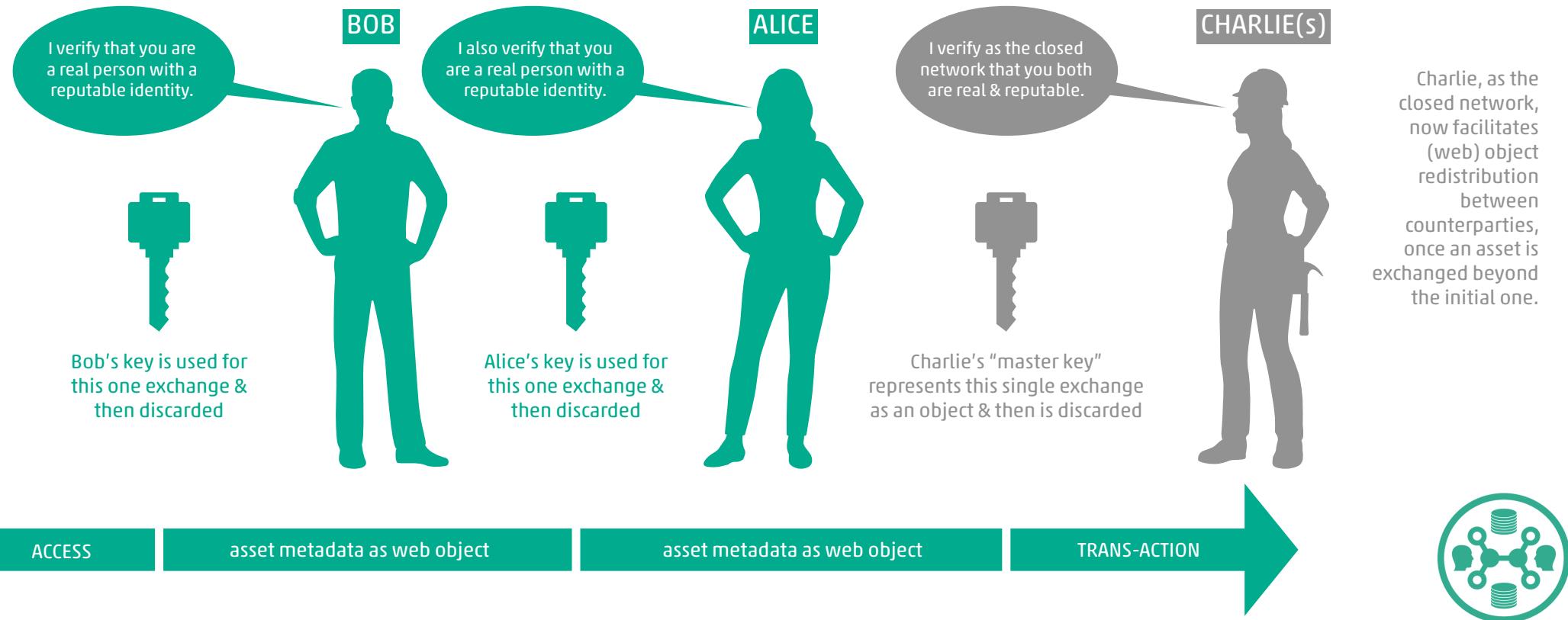


Image credit: Network Associates

Traditional PGP security.

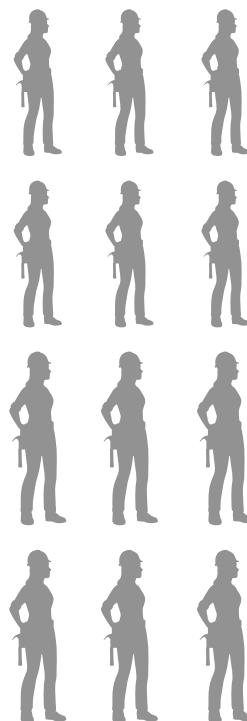
"Charlies" that are cast out which don't support actual, real trust between peers or counterparties.



Trustless trust.

Keyless object pairings (without trust seals) that support actual, real trust between peers or counterparties.

A bunch of untrusted Charlies, in an open network which all have the potential of acting on behalf of Bob and Alice, but are still required to generate a key to access an asset for a trans-action.



Charlies search for a "master key" representing this single exchange as an object & then find it!



Two Charlies become a trusted Bob and a trusted Alice with a "master key"!

ACCESS

asset metadata as web object

asset metadata as web object

TRANS-ACTION



Web 4.x makes real things based on real needs.



SHARED
BUSINESS
OPPORTUNITY



“I have resources to make X.”

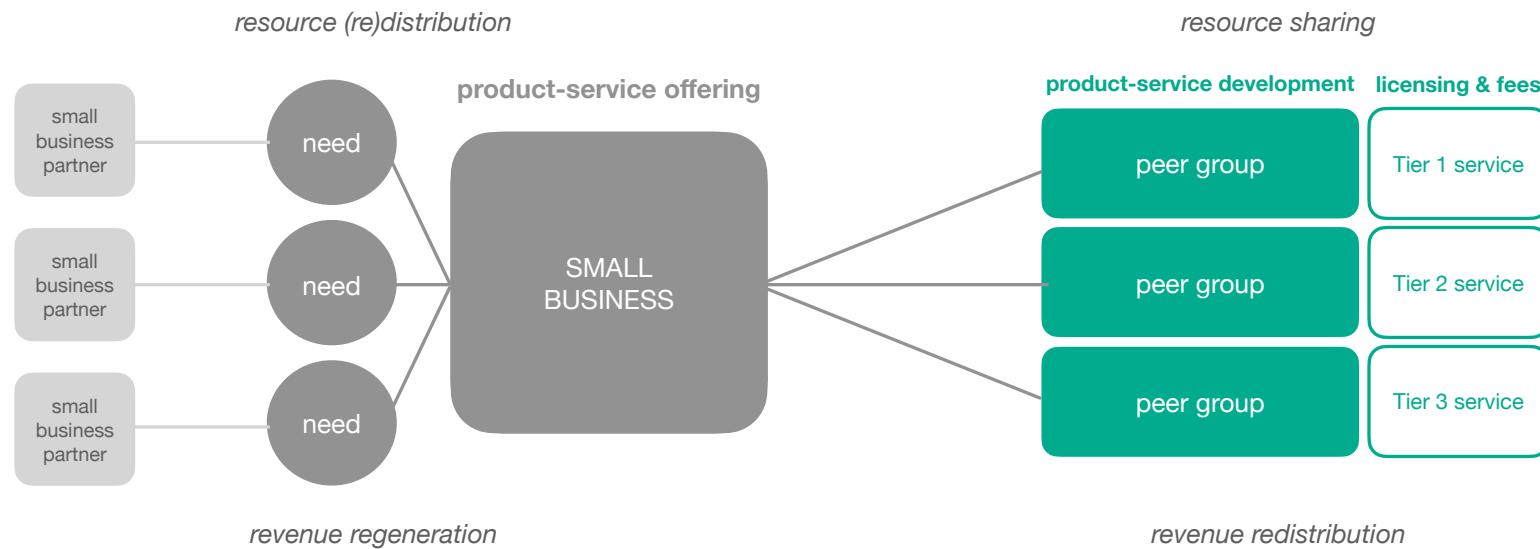


“I have resources to distribute X.”

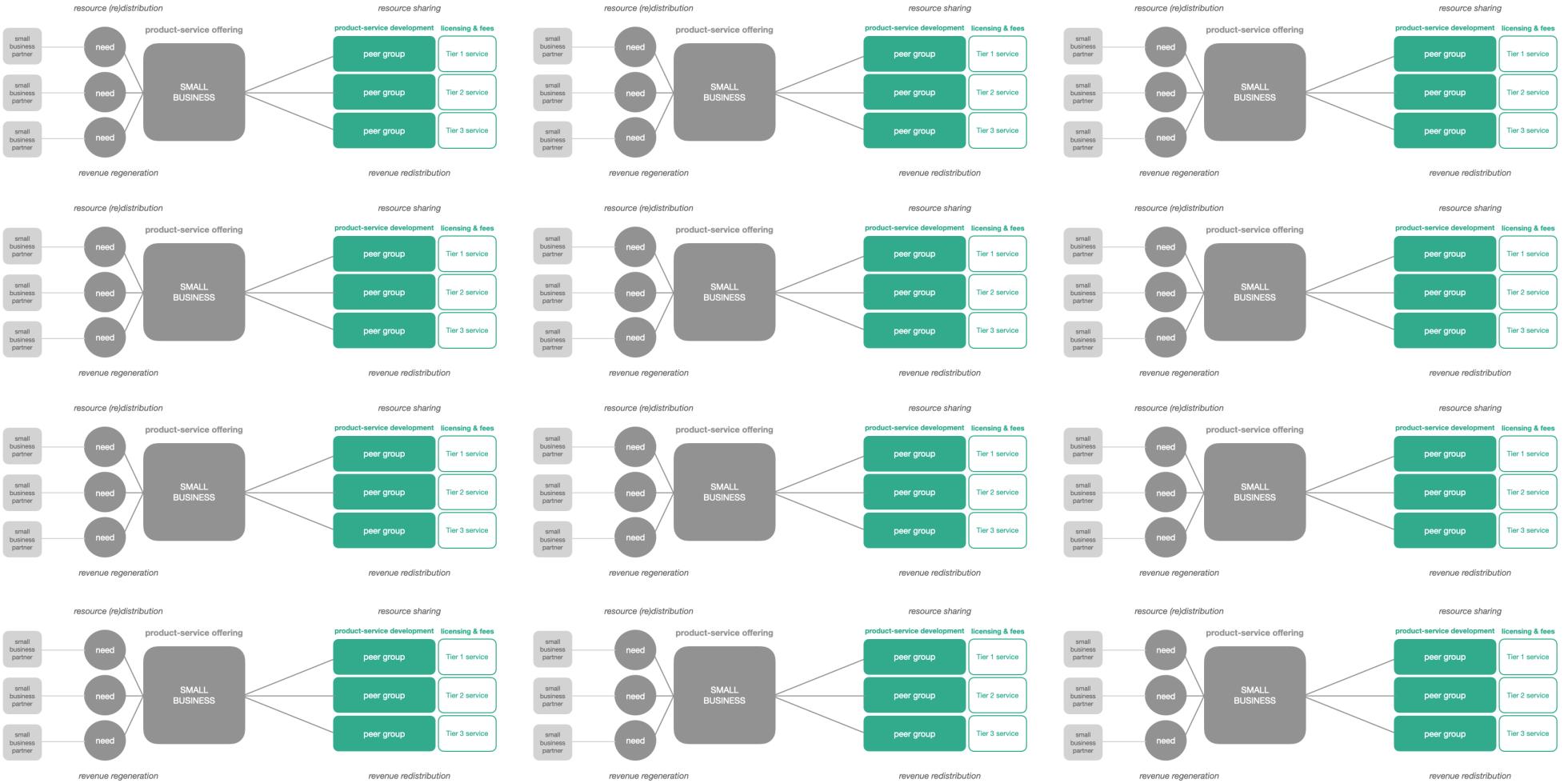
“I need X to survive & to thrive.”

small business cluster of fulfilled needs

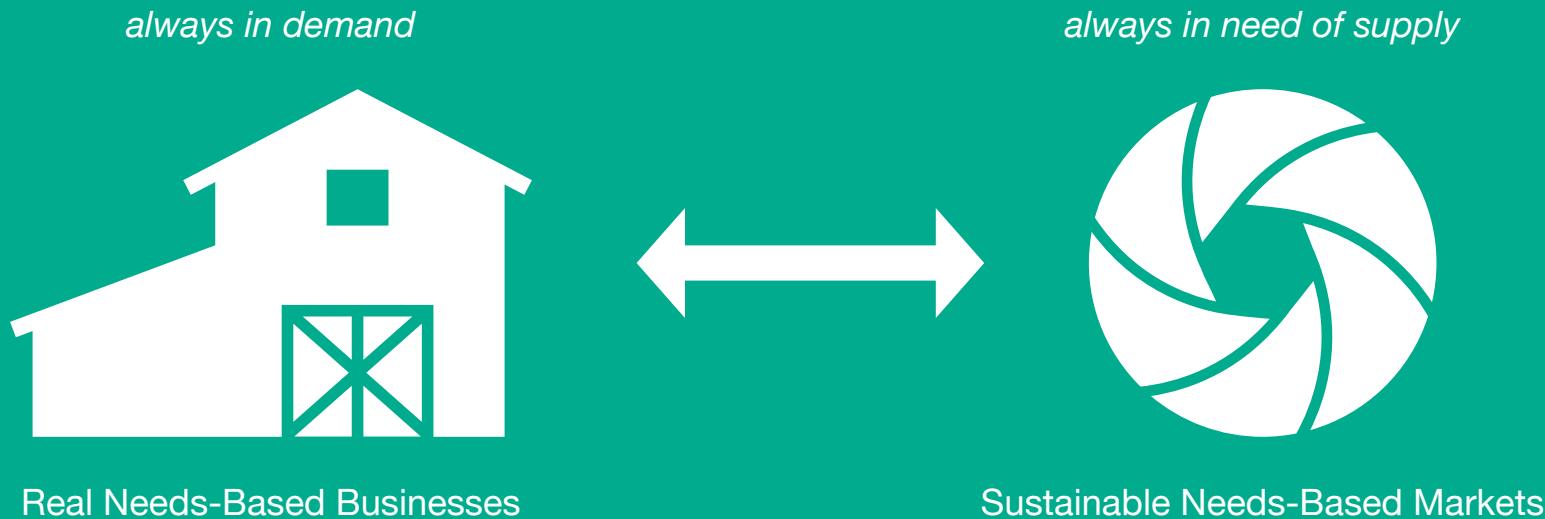
Co-labored Ownership "CLO"s



distributed network economy of fulfilled needs



Web 4.x supports economic needs fulfillment.



THE BASICS OF RESETTING FINANCE via WEB 4.x

WITH DEBT INTEREST (positive or negative interest rates)

counterparty baseline
Here 2 is a Base

Here 3 is a Power/Exponent

present worth revenue

$$PWR = \sum_{j=1}^n \frac{CF_j}{(1+r)^j} \text{ where } CF_j > 0$$

expanded net present value

$$NPV = \sum_{T=0}^T \frac{CF_T}{(1+r)^T} = CF_0 + \frac{CF_1}{(1+r)^1} + \frac{CF_2}{(1+r)^2} + \dots + \frac{CF_T}{(1+r)^T}$$

The common denominator is 0, because time (T) is either the equivalent of zero, or greater than zero.

WITH ABSOLUTE INTEREST (no debt or owed interest)

counterparty baseline (1:1)

$$1 + 2 = 3 \mid 3 - 2 = 1$$

present worth value

$$1 + 0 = 0+$$

expanding network value

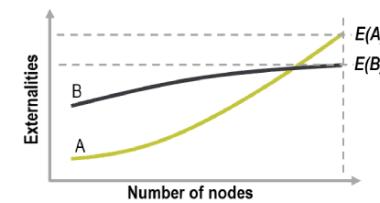
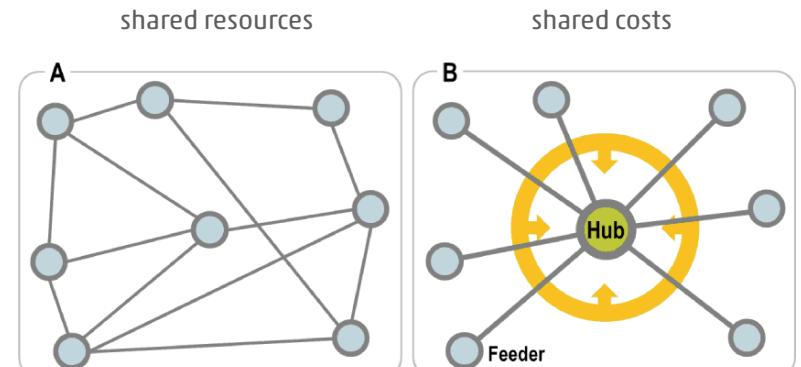
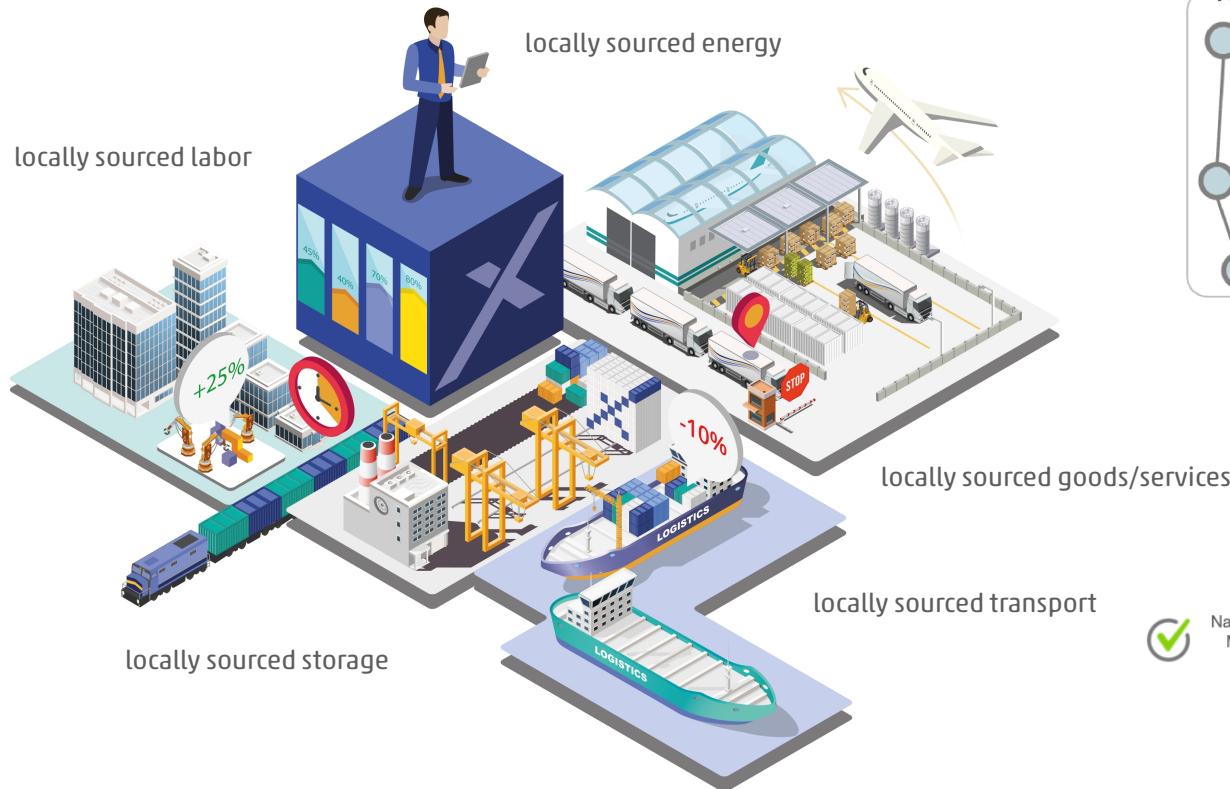
$$\sum_{n=1}^8$$

$n = 1 \text{ or } 1+1$

holonomic peer value

$$C^n$$

Universal Logistics (shared distribution via absolute interest revenue)



shared revenue based on: **METADATA**



natural capital quotient

$$\sum_{n=1}^2 n^2$$



Web 4.x Case Studies.



Current Web 4.x Projects.

IDENTITY



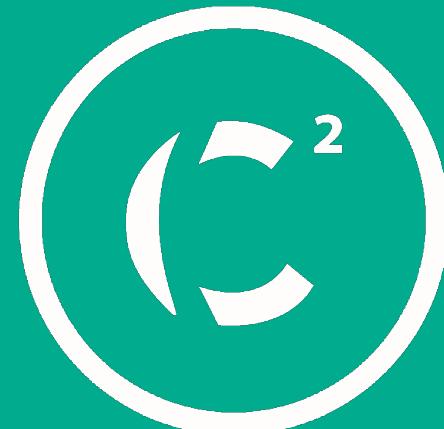
<https://www.dal-identity.com/>

SOFTWARE



<https://ceruleancircle.com/>

CURRENCY



<https://soundcurrency.tech/>

THANK YOU.



Marcel Donges
Inventor & Builder of Web 4.x



Gunther Sonnenfeld
Systems Architect of Web 4.x