

- TRUST IN THE ISSUERS, VERIFIERS +
MANAGING POWER BALANCES.

- COUNTER BALANCING THE
800 LB GORILLAS.

- WHO USES
SSI TECH IN
THEIR DAY-TO-DAY?
WHY NOT?

- ARE ORGANISATIONS
+ IDENTITY OF THINGS THE
SEEDS / DRIVERS FOR HUMAN
IDENTITY?

- COMPLIANCE + CONFORMITY
HOLDING US BACK.



- PEOPLE JUST
WANT TO GET THINGS
DONE

- RESTRICTIONS PROMPT
PEOPLE TO THINK ABOUT
THEIR IDENTITY

- HOW DO WE MAKE SSI
DESIRABLE, USABLE,
ADAPTABLE

- HOW TO MAKE IT FUN & EASY TO USE FOR THE "DUMBEST POSSIBLE USER"
- SECURITY VS. USABILITY (AGAIN)
- UX/UI → END USER

- ↳ 1. DOG FEEDING
- 2. HALLWAY EXPOSURE

? LONG TERM SECURITY:
WHAT HAPPENS IF TODAY'S
SECURE CRYPTO IS
NOT SAFE TOMORROW

HOW TO PREVENT SHARING
YOUR WALLET / PRIVATE KEYS

⇒ GOOD SOLUTION FOR
PREVENTING STEALING
BUT NOT SHARING

(II)

- RECOVERY
- LOOK AT PASSWORD MANAGERS
- ↳ WOULD THAT WORK FOR SSI

- OFFLINE VALIDATION
(LIKE HAVING A PDF OF A CREDENTIAL)
- OFFLINE INTEROP

- INTEROP/COMMUNICATION:

HUMAN ↔ MACHINE

ALSO: UI/UX (BUT ALSO: CONVINCING
HUMANS "THIS (SSI) IS
A BETTER TO USE")



INTEROP/
(OPEN) STANDARDS

HOTEL KEY - LINKOO

- INTEROP - USABILITY
- TRADEOFF:
SECURITY / ~~USABILITY~~
- WHAT STANDARDS WITH PRETHIL
- OPEN WALLET FOUNDATION?
- INTEROP
- PREVENT (VENDOR) LOCKIN
- UX IS IN
- ACCOUNT RECOVERY
HOW TO?
- PORT WALLETS THROUGH
DIFFERENT VENDORS

CONTRAST IN ADVANCEMENTS

REGULATOR IS NOT INFORMED

BRING LIGHT TO DARKNESS

MAKE IT FUN

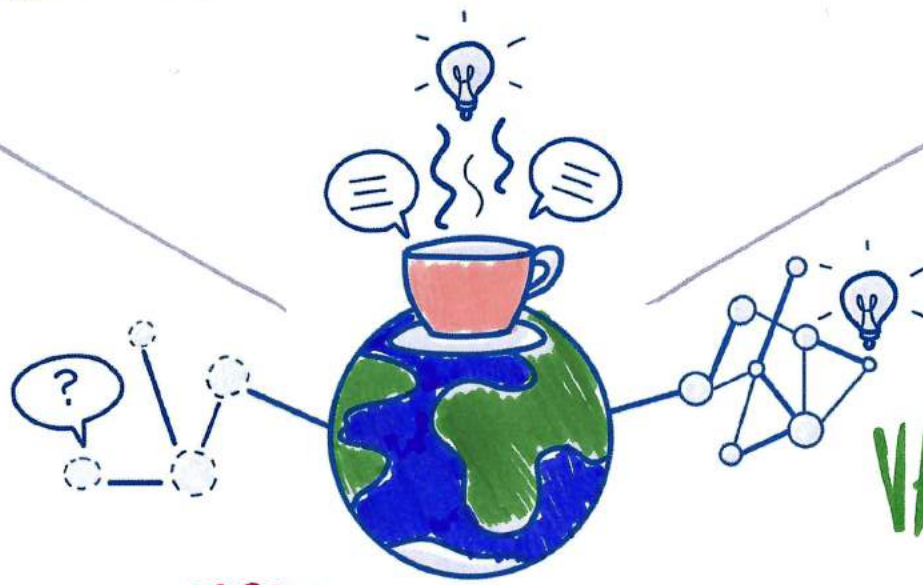
VALUE OF IDENTITY

INTERNET MECHANISMS INCENTIVE

MULTI FACET
COMMON
DENOMINATORS

UNDISTINGUISHABLE
GROUPING:
INDIVIDUAL VS GROUP
ARE THE SAME

RECOVERABLE
IDENTITY



USER
 \neq
PRODUCT
BIG TECH
COMPANIES
MISLEAD

QPS as info ARE EASY
BUT WITHIN SYSTEMS
THEY HIDE COMPLEXITY
AN ATTACKS

WHAT LIABILITY DOES
AN UNCONTRACTED PLAYER
TAKE IN A COMPLEX
SECURITY SYSTEM
eg PHISHING etc



IS REVOCATION FOR A
HOLDER RISK
OR ISSUER LIABILITY

IS
NOT
THE
WORLD

WE ARE
BOILING THE
OCEAN W/SSI & FRIENDS-
WE NEED TO FIND A SIMPLE
TO SMALL APPLICATION OR ENVIRONMENT
POSSIBLE THE COMPLEX ECO SYSTEM IN-
THREAD BY THREAD

WEIRD = WESTERN EDUCATED
INDUSTRIALISED RICH DEMOCRATIC

AT THE END OF
THE DAY BIG CORP
WANTS A GUARANTEE
BUT IT'S NOT
AVAILABLE / COMPLETE

bus. transformation cost

③

'what do we not need to solve

'real people' - 'real problems'

transparency

more mediators than Apple, Google

control of 'unlock mechanisms'

②

①

relate to reality. Really.

Problem first (Solution follows)

example:
decentralized distribution of open src sw that is certified,
binding creds.



we need to communicate how/why to 'the world'

including to those that often get excluded.

③ EDUCATING PEOPLE ON SSI / IMPLEMENTING
PEOPLE DON'T UNDERSTAND THE PROBLEM
MENTAINING FEEDBACK

①
INTEROPERABILITY
AND CONTROL OF
THE INNOVATION
TREE

CONVENIENCE
DANGERS OF
DIGITAL DATA

②
REGULATION,
TRUST,
INTEROPERABILITY



ABSTRACTION
OF IDENTITY
PROBLEM OF
LINKABILITY

REGULATION
AND/OR APPLICATION
FOR SSI mass
ADOPTION

R1 - POORLY SPECIFIED S&I TOPIC

- DIDCOMM VIOLATES
HUMAN RIGHTS

R2

R3

DISAGREEMENT
THAT DIDCOMM
VIOLATES HUMAN
RIGHTS BECAUSE
DIDCOMM IS JUST
A PIPE AND THERE
IS A SOLUTION



- RELAXED
SEAL OF
WANTS TO STAY
RELAXED

Globality
as
red herrings

collapse of context
⇒ communities
of context

Too much
vs
Too little
identity
(privacy)



community
of context

Checks + Balances
to counter
Commercial
driver

Value
+ Accountability

power
Balance
growth Growth

- streamlining
→ more
power
- license to
verify

Mass Adoption
people don't need
to understand.
• regulators DO.
which regulator

→ Language Confusion
fad funding.

standardization v Marketing
→ Relevant language

REPUTATION

(WHERE DOES IT DIFFER FROM SSI?)

UX



ADOPTION

DYNAMICS
(POWER, COORDINATION)

FLUIDITY
COMMUNITIES?

1. ~~THE~~ INTEROP ~~IS~~
IMPORTANCE (?)

2.
RISK
Management

NON-TECH
FACTORS

CREDENTIAL \neq TRUTH

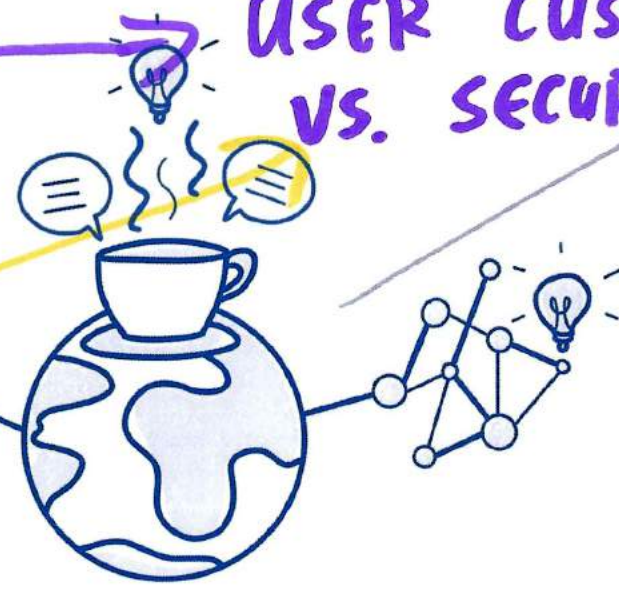
USER CUSTODY
VS. SECURITY

3.

COMPETATIVE
INNOVATION
VS.
STANDARDS
ADHERANCE /
INTEROP

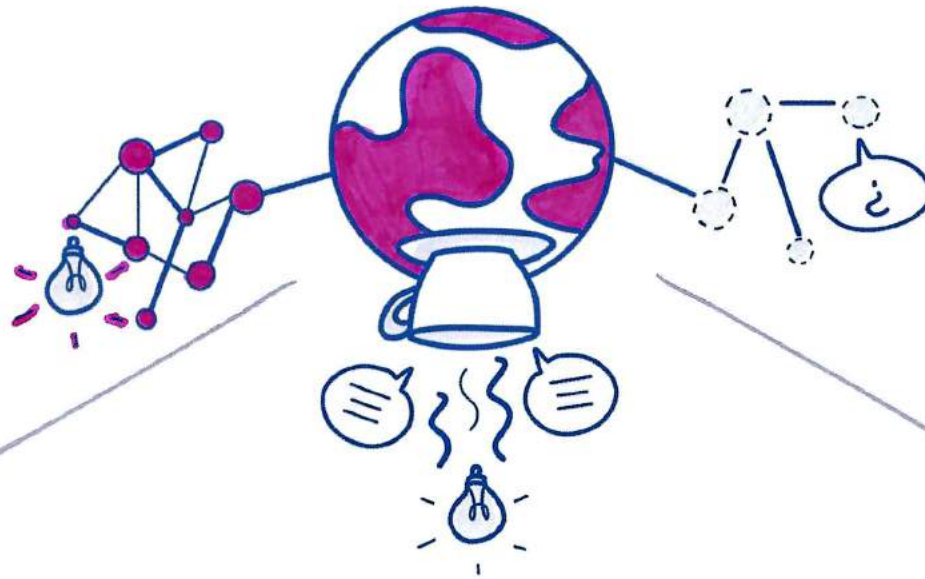
COMPROMISE
VS.
IDEALISM

ADOPTION



TRUE SSI IS HARD

to: GOVERNANCE IS HARD
DIDCOMM HAS POTENTIAL
OUTSIDE OF VCS.



Focus on developing the bits of SSI which generate the most value

Make people more digitally centric for SSI to really go global



Problems can sometimes be solved not with more tech, but with a creative approach.

Lack of incentives for people to work in OSS vs working for Apple for 200k a year

Big companies
Lockup: CO-operation rather than competition

Prevent accidental sharing between untrusted parties