

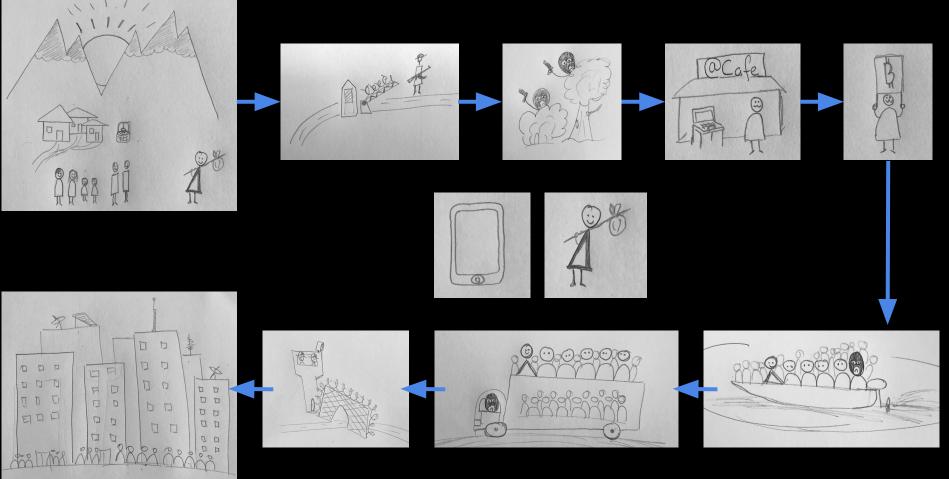


THE NATURE OF MIGRATION TODAY

Inequality, oppression & insecurity at home
Perilous journey
Uncertain route & destination
Different countries, different fiat / Remittance cartel
Extortion, coercion, confiscation very common
Intermittent access to technology

→ More accessible Bitcoin wallets needed

MIGRANT JOURNEY



WHY BITCOIN? DOES THIS NEED A BLOCKCHAIN?



Political & Economic Oppression
Censorship / Extortion / Confiscation

IT'S DANGEROUS TO GO ALONE! TAKE THIS.









(HOME) بیت "BAYT"

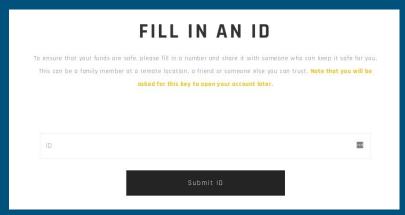
A simple web wallet Minimal technology requirements Personal Q&A generates privkey Drip-feed funds to migrant → Minimise extortion / confiscation

(play with our demo @ Table 4 at the back of the room) http://web.tecnico.ulisboa.pt/~ist186428/chainhack/

"BAYT" WEB APP SCREENSHOTS

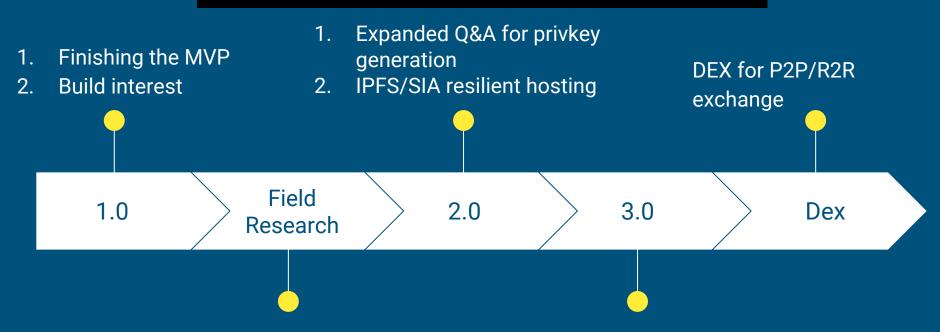


	WH	AT IS	YOUR	CONTEXT?	
l F	YOU ARE TH	IE FAMILY	OF THE REF	UGEE, PLEASE CLICK O	N THE
ΙF	YOU ARE TH	E REFUGEI		ICK IN THE REFUGEE B	UTTON
		Fan	nily	tefugee	



(play with our demo @ Table 4 at the back of the room)
http://web.tecnico.ulisboa.pt/~ist186428/chainhack/

PROTOTYPE → REALITY



- 1. Testing in Serbia
- 2. Bitcoin Magazine articles
- 3. Multi-Language support

- 1. Duress mitigation / Plausible deniability
- 2. NFC/RFID/HW wallet R&D

HOW TO SUSTAIN PROJECT?

Hackathon prize money would help!

100% goes directly to project

goodiepal

very very good we are in urgent need here in serbia & bosnia..

We need YOU!

info@reachingeveryone.net / @parallelind

Why help? BTC adoption = PERMA-MOON

THANKYOU #CHAINHACK3!

\$ sudo rm -rf /fiat

QUESTIONS & COMMENTS?

SECURITY / TRUST MODEL RELAXATIONS

Censorship Resistance > Security Imperfect entropy in privkey gen **Hub & Spoke** Web wallet **Insecure devices**

GRAMTROPY: PASSWORDS FOR HUMANS (adapt for wider region support)



Pieter Wuille FACTS



Gramtropy: a grammar-based password generator

https://github.com/sipa/gramtropy

What is Gramtropy

Gramtropy is a tool that can generate passwords or passphrases taken uniformly from a set specified by an unambiguous Context-free Grammar.

It aims to solve the problem of generated passwords that are pronouncable according to arbitrary rules, while simultaneously guaranteeing a given security level (in bits).

Building

You need the C++11 compiler from GCC 4.7 or later. It likely works with other C++11 compilers, but I haven't tested it.

Run make . Two binaries should be produced, gramc and gram . The first is a compiler that takes a grammar file and a security level, and produces a translation file. The second interprets a translation file to generate passphrases and more.

Usage

Create a file simple.gram with the following contents:

```
vowel = "a"|"e"|"i"|"o"|"u";
consonant = "b"|"d"|"f" "g"|"h"|"k"|"l"|"m"|"n"|"p"|"r"|"s|"t"|"v"|"w"|"z";
convow = consonant vowel;
main = convow+;
```

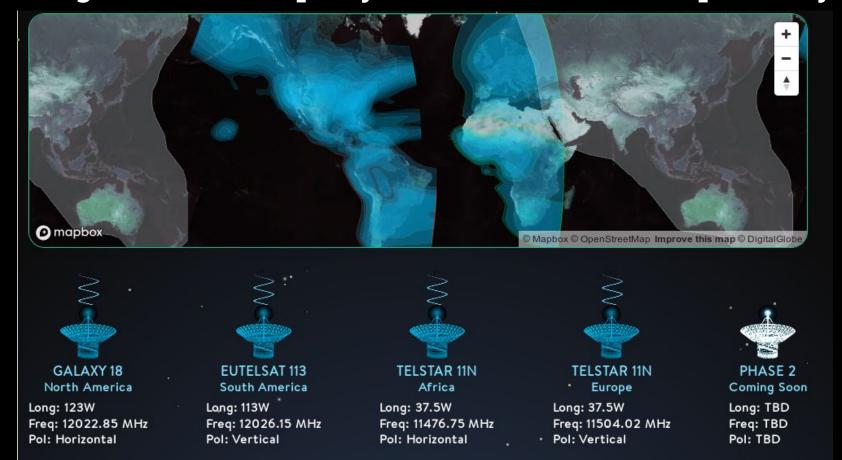
- Pieter Wuille won the underhanded crypto contest but his entry was so underhanded nobody even knows he entered.
- 2. If you SHA256 the IPA pronunciation of Pieter Wuille, the result is 0. Fortunately, nobody but Pieter Wuille knows what that is.
- The blockchain is getting bigger, yet every time Pieter Wuille uses his fingers it takes less to sync if we extrapolate, singularity?
- 4. Only Pieter Wuille can name things harder to pronounce than Pieter Wuille.
- Pieter Wuille is so much above the Ballmer Peak that if you add him to the graph you can't see the old curve anymore.
- Blocks containing transactions by Pieter Wuille propagate faster than other blocks.
- $\ref{eq:constraints}$ Pieter Wuille once calculated a 256-bit SHA on an abacus, and the resulting block gave 25 bitcoins to charity.
- Pieter Wuille is the quantum state of bitcoin.
- If a tree falls in a forest and no one is around to hear it, Pieter Wuille knows.
- Consensus occurs when Pieter Wuille agrees with himself.



TORTURE, CONFISCATION, CENSORSHIP, UNCONCEALABILITY, FLIGHT TO SAFETY



Blockstream Satellite Network: Mitigate censorship / sync without censorship / verify!



goTenna MESH Networking + Samourai = txTenna



- SMS relay
- satellite hook-up
- fax or any form of hard copy to character recognition
- save to external support (USB)
- Portable Document Format (PDF)
- telex
- HF audio
- Morse code
- meshNets
- NFC
- BLE
- chat apps (especially encrypted)

(HK Umbrella Revn)











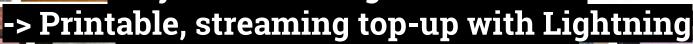










































































Tuesday 11th of March 2014 10:28:12AM

Vendor: Irdialani Limited Petticoat 19 Goulston St London E1 7TP

SALE

Azteco / Bitrefill - purchase crypto at ePOS / POS ission

Reference: 04 98 31 65 96 92 55 90

Go to www.azte.co to redeem your voucher right now.

Wait 70 seconds after pressing redeem.

If you experience any problems redeeming your voucher, please telephone and we will assist you.

Please retain your voucher ** *** ***** ******

Redeem Your Azteco Bitcoin Voucher

Enter your 16 Digit Voucher Code:

four — part — code — here

Bitcolin address:

Paste your Bitcoin address

I, Robot?

I'm not a robot

Help / About / Buy a Voucher

THE BUSINESS MODEL

Operational inefficiency, lack of transparency, local corruption, outcomes unclear.









Donor

Altruistic, unconditional.
Direct impact of benefit
unclear. Donations can
take a long time to reach
those in need.

Collection

Donations are collected by charity and enter an archaic and inefficient system. High operational costs in legacy systems.

Distribution

Partner organisations in beneficiary countries are at risk of corruption and chronic bureaucracy.

Beneficiary

Complex supply chains and FX / logistical costs erode value of donations.



News

One in five of the UK's biggest charities are 'spending less than half of their income on good causes' (and some spend as little as ONE PER CENT on charitable work)

- · Big UK charities 'are spending less than half their income on good work'
- Nearly 300 allegedly spent just 10% on charitable activities in three years
- And Lloyd's Register Foundation used only 1% of money on such causes
- · Other accused charities include the British Heart Foundation and Age UK











Publisher



The classic way | Company decides on advertising and pays for building a campaign







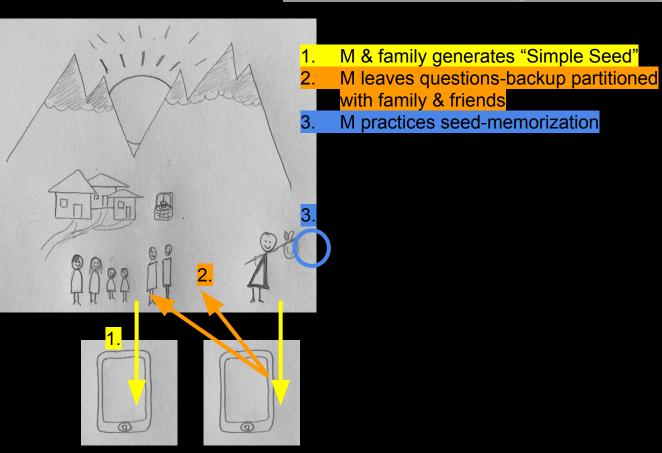






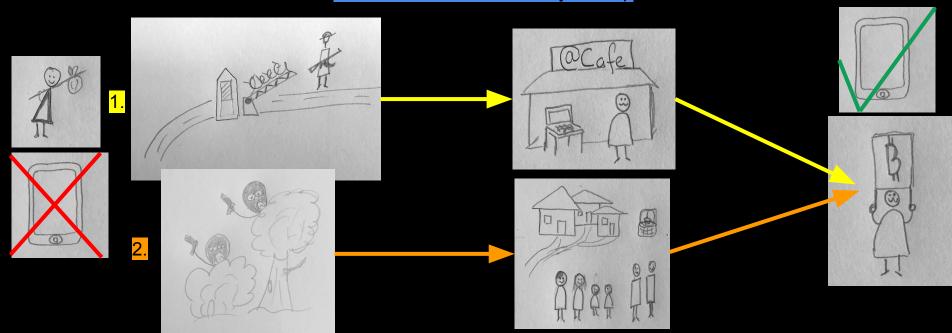


Before the journey



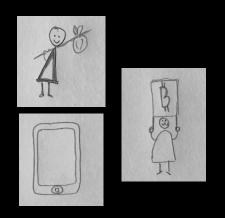
On the journey

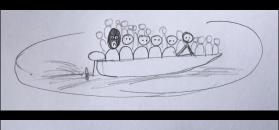
- Threatened by borderpatrol
 - → Restore wallet with mnemic seed
- Robbed and injured by bandits
 - → Restore wallet with family backup



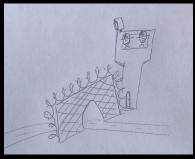
On the journey (2)

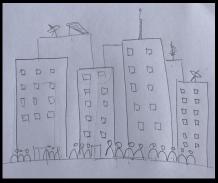
- Save retrieval of funds and payout for smugglers
- Keeping funds save from











FROM PROTOTYPE TO REALITY

- We need you! Help us bootstrap a community :)
- Field research & trials in Serbia & Bosnia
- Bitcoin Magazine articles soon™
- Single wallet -> Multi wallet & drip-feed functionality
- Multi-lanuage support
- Expanded Q&A for privkey generation
- IPFS / Sia for resilient hosting
- Duress / Plausible deniability mitigation
- Local hubs (NGOs, activists, bitcoiners) w/ crypto <-> fiat tx
- NFC/RFID/HWwallet devices
- Mitigate malware risk on insecure PCs & phones
- DEX for P2P / R2R exchange