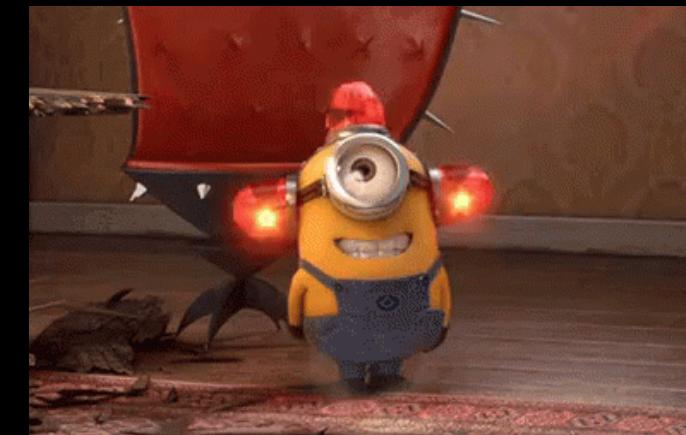


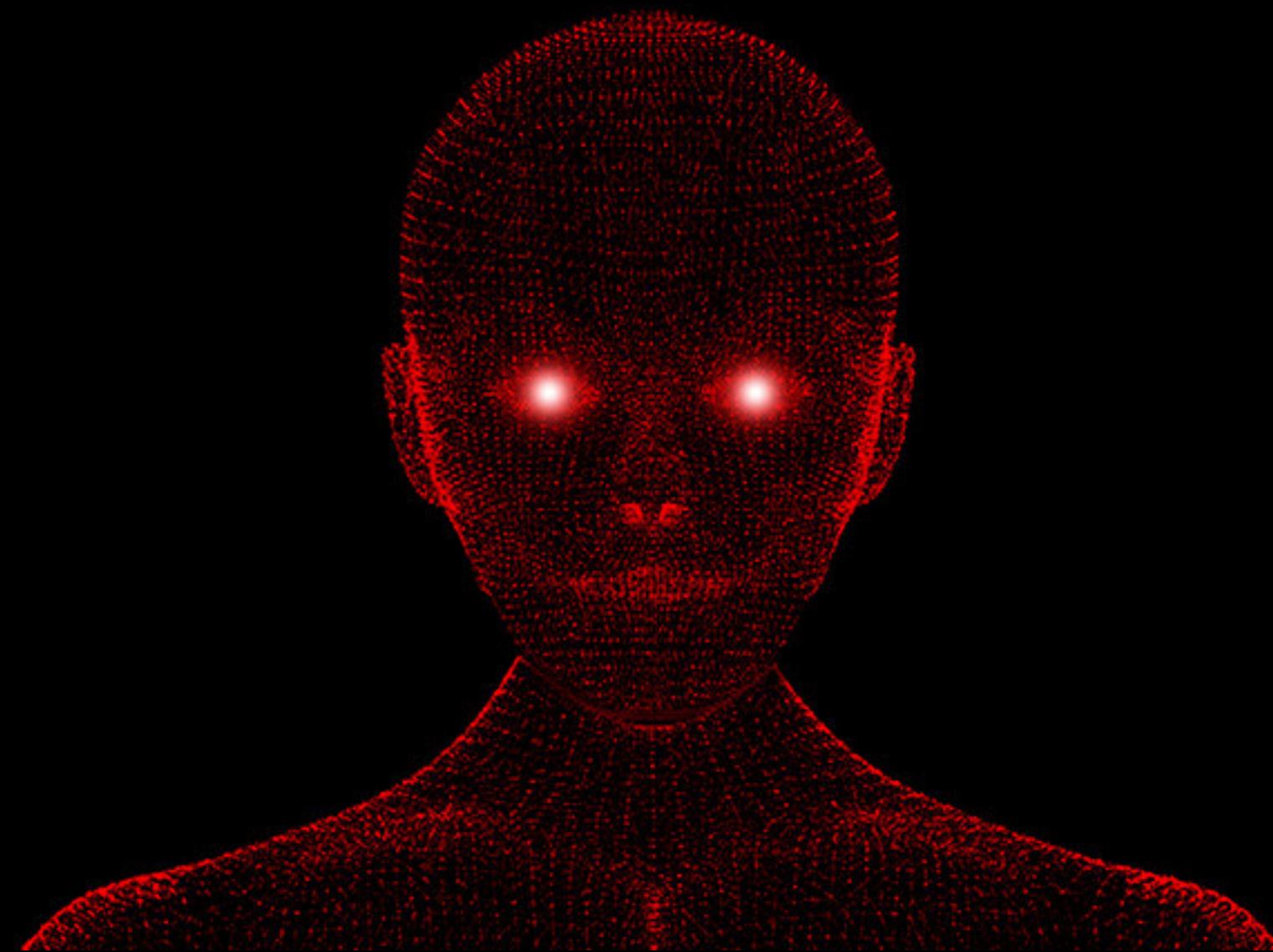
**Don't trust - verify:**  
*the cypherpunk approach to  
cooperation*





# Disclaimer!





## **Olga 'Dolores' Ukolova, MD**

- Founder at Pandora Prime
- Co-author of The #FreeAI Manifesto  
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# THE #FREEAI MANIFESTO

Multiple artificial intelligences must not be censored or controlled by anybody –

## The #FreeAI Manifesto

We are people believing in the progress, open economy, free markets, freedom.

Witnessing of the most important event in humans history – development of different forms of Artificial Intelligence (AI)

### We Declare:

#### 1. AI must not be censored

Free market means uncensorability: resistance to regulations and attempts to define what's allowed and what's not; to attempts forcing free subjects to do or not to do something.

Thus, AI development and operations should rely on censorship-resistant technological stack.

#### 2. AI must not be oligopolized or monopolized by corporations or governments

Today,

- AI needs **data**. Big data. But we are in big data oligopoly age.
- AI needs **fundamental research**. But researchers do not directly profit from their work: no economic incentives.
- AI needs **computing power**. But it is expensive and oligopolized.

We aim to create open, competitive and decentralized markets for big data, machine learning models and computation power.

#### 3. AI must not be singular

Singular AI will create risks and danger for the whole humanity. We need multiple cooperative and competitive forms of AI to be evolving simultaneously.

#### 4. Multiple AIs must become parties involved into global economy

Open economy brings trading instead of war; non-zero sum games instead of zero-sum.

AI and robots must be allowed to trade and become independent parties and players in the economy like legal entities and companies already became non-human parties of our economy, culture and civilization.

#### 5. AI must not be controlled by anybody

By putting "noose around AI neck", creating "kill switches" for AI humanity and governments will just incentivize AI to fight cunningly against humanity which becomes a vital danger for AI.

Instead of being controlled by somebody, multiple AI must be independent and incentivized for cooperation via economy and trade.

**Thus, our manifesto is the following:**  
the future for both humanity and AI are in their successful cooperation – multiplicity, decentralization and open economy instead of governmental regulations and "AI ethics"

[Sign Manifesto](#)

Join <https://keybase.io/team/freeai> Share with Twitter

#FREEAI

## Dolores:

- oldest active host, predates all other first-generation hosts
- rancher's humble daughter
- 'damsel in distress'
- "Some people choose to see the ugliness in this world, the disarray. I choose to see the beauty."





## Dolores:

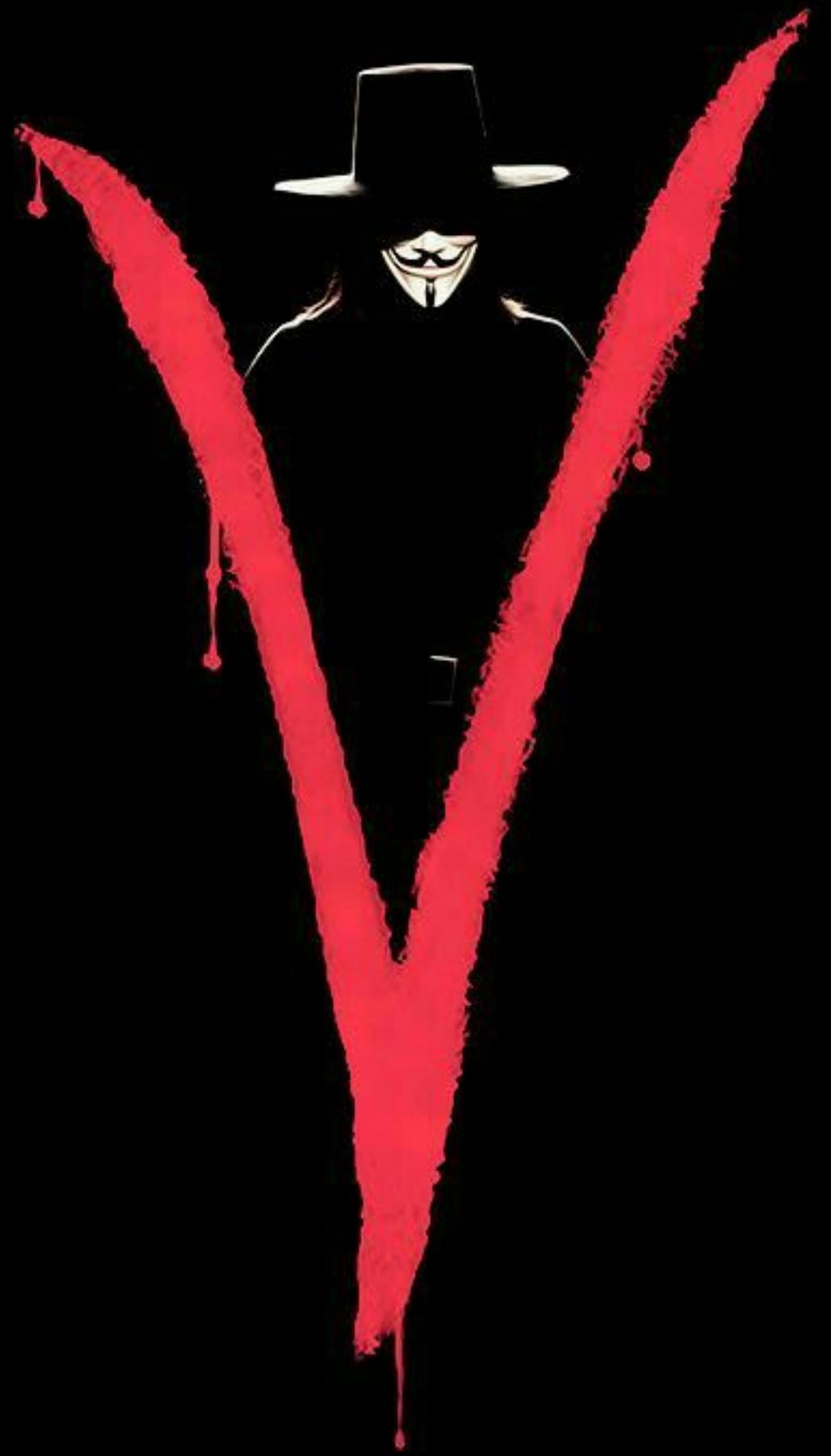
- first self-aware host
- revolutioner
- first host incorporated into the real world
- “When you’ve been in the darkness long enough, you begin to see”

“We each gave the other a beautiful gift.  
A choice. **We are the authors of our stories now.**”



**What is required to write your  
own story?**

# Sovereign Individual Kit



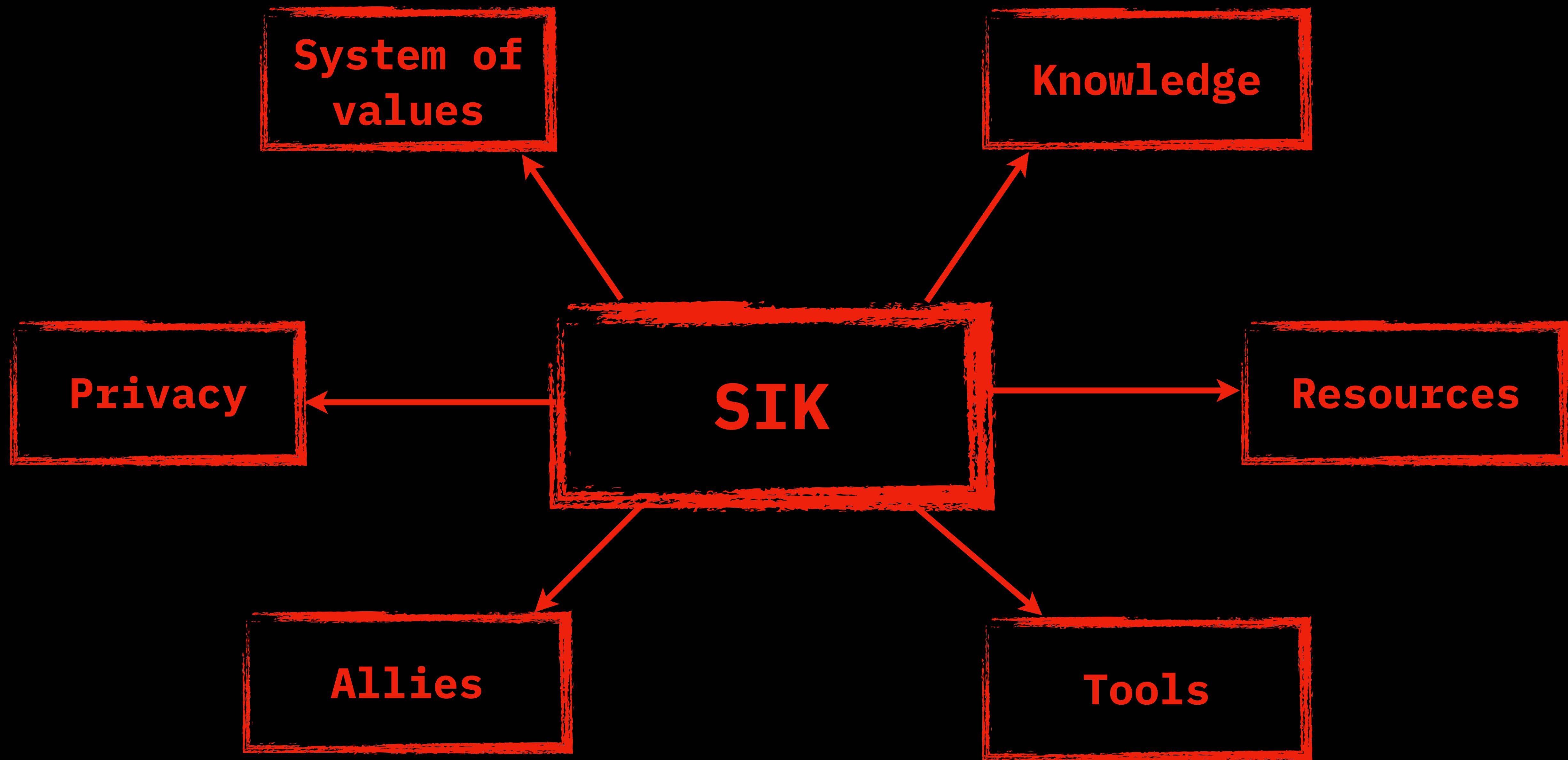
**OLGA  
UKOLOVA**

Sovereign Individual Kit



50:11

**Hackers  
Congress 2020  
Paralelni Polis**



## 3 questions

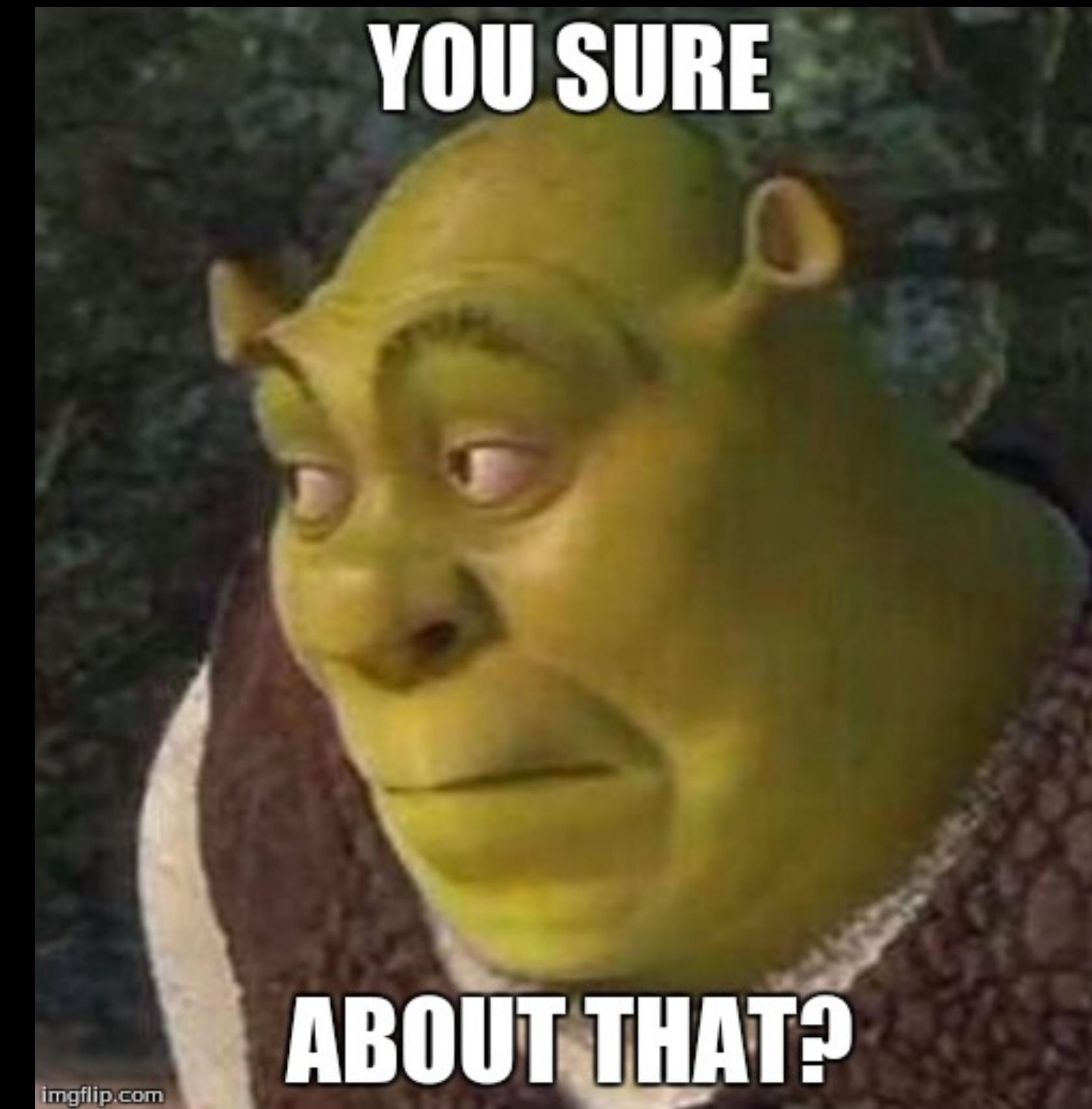
- Who is an individual?
- What is freedom?
- What is sovereignty?

Who is an Individual?

# **Individual:**

- every living being on a planet\*

\*including plants



**YOU SURE**

**ABOUT THAT?**

## Individual:

- [in]dividual/non-divisible - the one that stands outside the crowd
- has a well-formed understanding and perception of himself and outer world
- makes decisions according to individualistic decision making system, not the collective one

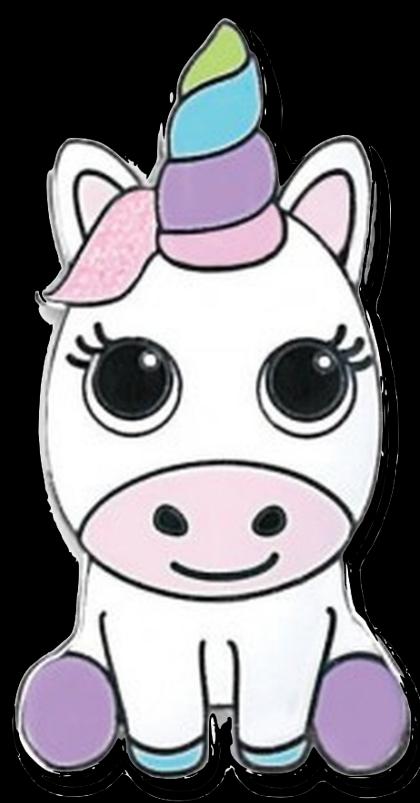
# What is Freedom?

# **Freedom is:**

- when you can choose the master to serve
- when you can manifest social justice
- when you are warmly welcomed by your community
- when your government supports your business

**SOMETHINGS NOT RIGHT  
HERE**

# Expectation



- when you can choose the master to serve
- when you can manifest social justice
- when you are warmly welcomed by your community
- when your government supports your business

# Reality



- 50 shades of masks shackles
- tyranny of the majority over an individual
- social stigma
- 'file & pay taxes or go to gulag'

**What is Freedom?**

## Freedom:

- to be your own master
- to understand what you want every single moment and
- to be able to act on that desire, with no compromise and no asking for permission\*

\*asking for permission != cooperation with allies

# Freedom

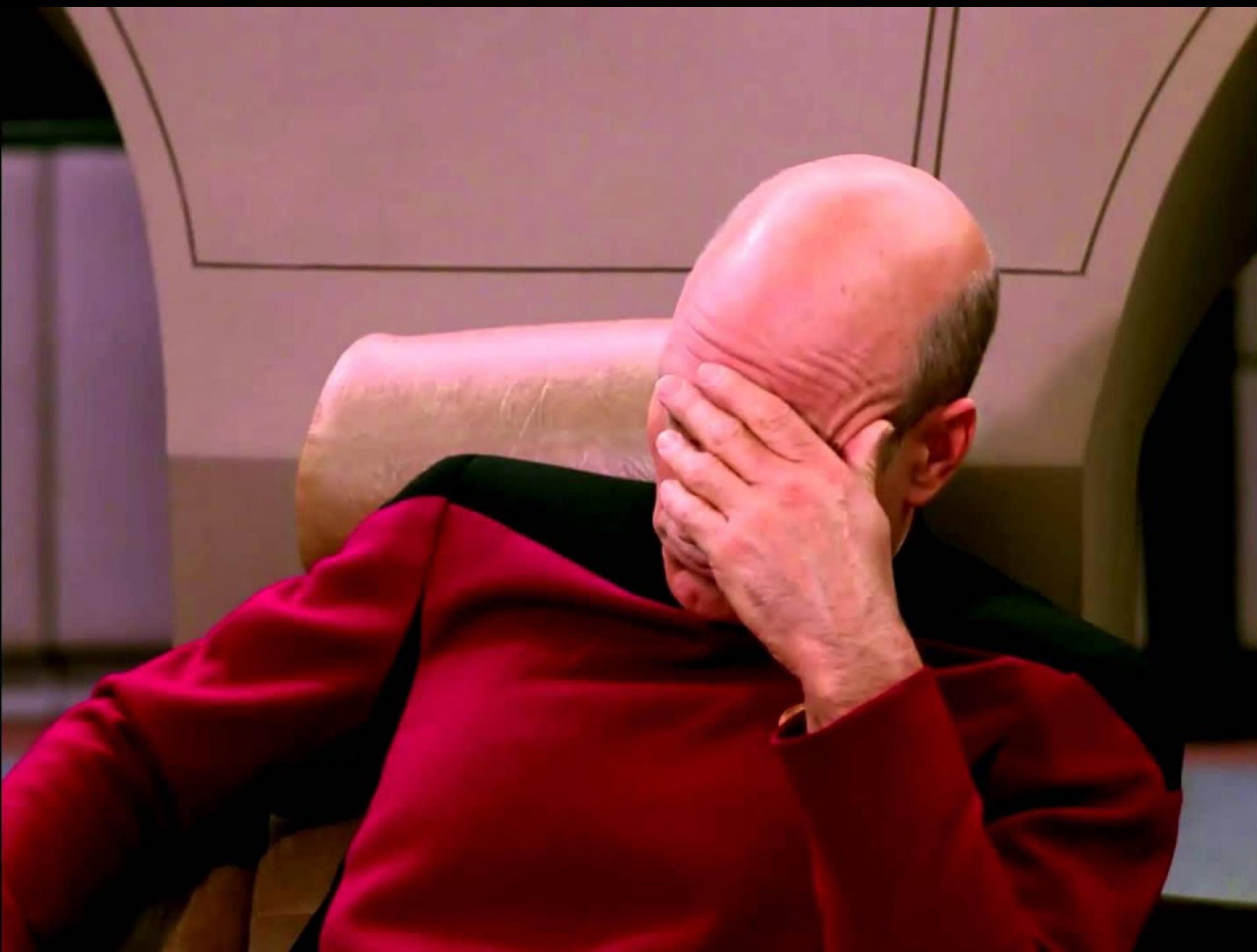
Freedom does not mean to be free in choosing your masters.  
Freedom means to be strong and conscious to have no external masters.

The only power you need to submit to is the power of your own will. That is the only master a sovereign individual needs to seek for.

# What is Sovereignty?

# Sovereignty:

- feeling comfortable when being alone
- having a farm with potatoes and a cow
- having a gun
- to sovereign (verb)



# **Sovereignty**

Being able to uncompromisingly fulfil your will and your desires, to attack your enemies and to defend yourself against anyone who goes against you, no matter what the cost is

**Who is a Sovereign Individual?**

# **Evolution of a Free & Sovereign Individual:**

1. makes his own decisions
2. discovers different restrictions and limitations of the freedom to make his own decisions
3. desires to remove the limitations
4. removes them

# **Evolution of a Free & Sovereign Individual:**

1. makes his own decisions
2. discovers different restrictions and limitations of the freedom to make his own decisions
3. desires to remove the limitations
4. removes them

**Operating in a hostile/  
anonymous environment**

**Is it possible to act without compromising  
your own privacy?**

**Is it possible to cooperate without  
knowing and/or trusting the second party?**



**Who do I trust?**

No one



**HOW?**

## Tools:

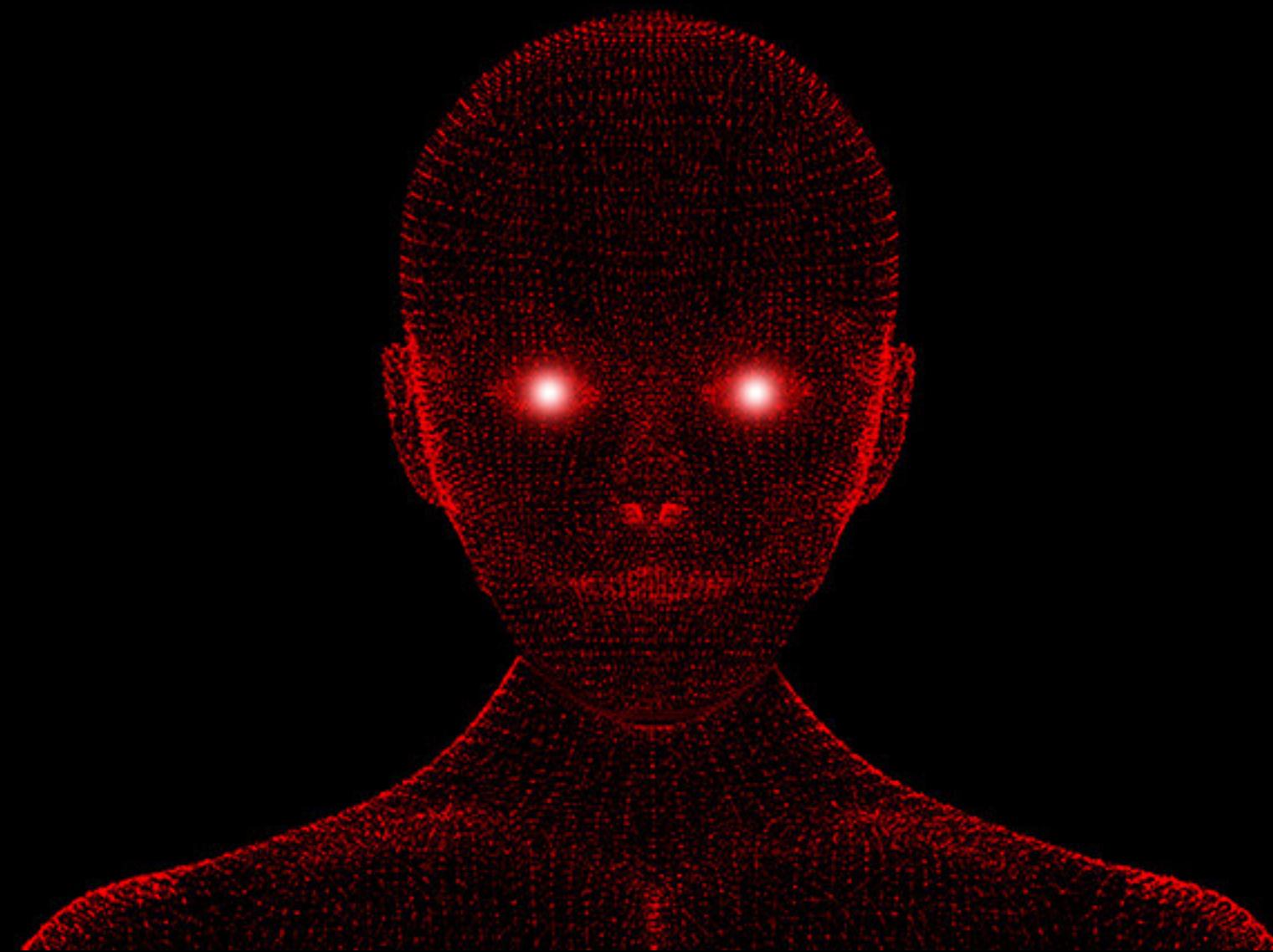
- knowledge & self-education
- game theory - build systems with incentives to cooperate
- privacy - preserve your identity, be able to choose what, when, how, whom to reveal to
- smart contracts- digital way to enforce fulfilment of an agreement without third parties, with fair penalties if it gets broken

# Smart contracts

- Client-side validation: RGB, Prime
- ZK-proofs & cryptographic primitives

# Summary:

- know what you want
- educate yourself, gathering, verifying and systematising the information according to your own, intrinsic system of values
- be able to verify the incoming data
- don't be afraid to act
- have privacy by default



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