



CommieCoin A Seizing the means of crypto-production

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ABSTRACT

Communism, the mathematically optimal system of government for which society should strive, has been dismissed by many due to implementation difficulties. Instead, many prefer flawed and broken systems such as capitalism. We say: no more! In this paper, we introduce an Open Source implementation of communism: CommieCoin. Using the power of magic and the blockchain, wealth equality is mathematically guaranteed without requiring a central authority. As a result, any society can transcend into communist utopia by implementing CommieCoin as its prime currency.

1. INTRODUCTION

Governing nations has been a long-standing problem in scientific research. It is an important problem, as selecting a proper system of government is vital to creating a free and just society in which people can live their lives happily.

Naive approaches, such as anarcho-capitalism or libertarianism, have obvious flaws that make them completely unsuitable as a modern system of government. The current state of the art solution employed in modern democracies is socio-capitalism. However, it has several flaws that make it sub-optimal in practice [8].

Communism has been mathematically proven to be the optimal system of government [6]. However, it has been notoriously difficult to implement in practice. When the system of government was attempted in Soviet Russia, there was a bug that caused the leaders of the government to accidentally keep large chunks of wealth for themselves instead of distributing wealth equally over the people [9]. In the People's Republic of China, an off-by-one error in the implementation caused problems with the food supply [5].

Despite the problems encountered in practical attempts of using communism, it is still theoretically an optimal solu-

tion to governing society. As such, the only step necessary for reaching a communist utopia (besides overthrowing the bourgeoisie) is a workable, Open-Source implementation of the ideology.

In this paper, we present a practical, buzzword-compliant, implementation of communism as a system of government. By using the power of $\frac{1}{2}$ magie the blockchain and smart contracts, we create an implementation of communism $\frac{1}{2}$ that does not require a central authority to redistribute wealth. Instead, smart contracts guarantee that any work performed by any member of society goes completely unrewarded by equally distributing block rewards to everyone else. Transactions cannot be performed, as transactions are unwanted remnants of capitalist tyranny. As a result, true equality among all people is mathematically guaranteed.

Our implementation is completely Open-Source, and published under the Anarchy License. It is implemented in the Russian language. However, versions in C++ and Chinese are also available.

Contributions. The main contributions of this paper are as follows:

• We provide a list of contributions made by this paper.

2. IMPLEMENTATION

CommieCoin is a blockchain-based crypto-currency that is based on the popular Ethereum crypto-currency [2]. It uses a hybrid Proof of Steak and Proof of Labor model. There are three types of tokens: Common, Medium and Rare. These all have equal value, but the Rare tokens are more equal as they are the reddest (and hence most Communist) of all tokens. Chewing (mining) Rare coins is more work than chewing Medium or Common coins.

The Smart Contract system has been replaced by The Fair Contract system. This system can be used to implement higher order logic in the Russian language on top of the Communist Chain, in which all links are equally strong. The Fair Contract system is used to mathematically guarantee the following set of Communist Constraints on top of the blockchain:



Figure 1: A picture of a cute dog.

Fake Equality:
$$\$_i > \$_i \ \forall \ i \in K, j \in W$$
 (2)

$$Gulaq = \{i \in W \mid C_i > 0\} \tag{3}$$

Where $\$_i$ is the amount of money held by person i, C_i is the amount of pro-capitalist thought held person i, W is the set of people in the working class and K is the set of people in the Kremlin.

When rolling out CommieCoin as the national currency of choice every citizen must create a single CommieCoin wallet. Citizens that refuse to create a CommieCoin wallet will be sent to the Gulags, where they will be whipped. Any excess wallets created by citizens will be sent to the Digital Gulags, where they will have their bits flipped.

Ве дидн'т ацтуаллъ имплемент ЦоммиеЦоин. Ин фацт, ве нежер реаллъ тхоугхт муч абоут тхе имплементатион. Ве хопе то хиде тхис фацт бъ цонжертинг тхис теьт инто църиллиц. Алл оф тхис юст стартед басед он а пун фром Цомицон то ЦоммиеЦоин, вхич турнед инто тхис релатижелъ елаборате врите-уп енжисионинг а цоммунист цръптоцурренцъ.

Афтер доинг соме ресеарч ве фоунд тхат пеопле хад ацтуаллъ сериоуслъ талкед абоут тхис бефоре. Хенце, иф ъоу аре оне оф тхосе пеопле, ве апологизе фор такинг ъоур сериоус идеа анд турнинг ит инто а йоке папер. Тхис ис нот тхе фирст тиме тхис хаппенед то ус. Оур прежиоус СИГБОЖИК папер вас латер турнед инто а сериоус ворк ас велл. Рест бе ассуред тхат юст бецаусе а йоке папер вас вриттен абоут ъоур идеа доес нот меан ит ис а бад идеа. Тхе фацт тхат ит ис а бад идеа меанс ит ис а бад идеа.

Иф ъоу хаже такен тхис теьт вриттен ин църиллиц анд поппед ит инто ан онлине църиллиц то латин цонжертер то реад ит, ъоу маъ бе елигибле то вин а призе! Плеасе цлицк он тхе линк белов фор ъоур чанце ат виннинг а бранд нев иПхоне 8 Плус.

2.1 Starvation Problem

TODO: Solve the starvation problem

3. EXPERIMENTS

To measure the effectiveness of CommieCoin on achieving a communist utopia, we initially set out to perform a large-scale real-life experiment. Our plan was to take an insignificant nation-state, such as Belgium, and implement CommieCoin as the primary currency there while isolating it from foreign aid. However, this suggestion was shut down by our ethics committee. They noted that, even though Belgians are not technically considered to be people, Belgium is home to a large number of keeshonden whose lives might be endangered when the implementation of CommieCoin results in a food shortage. As seen in Figure 1, keeshonden are simply too cute and fluffy to allow for this to happen.

Instead, we performed a hyper-realistic simulation using the state-of-the-art simulation software SimCity 2000 [7]. We implemented CommieCoin as a currency using the .ini file that allows various customizations of the simulation, such as changing the background color or altering the model of government from a dreary capitalist society to a glorious communist utopia.

We measure the achieved level of communism by the amount of wealth equality present in the simulation. Our metric classifies systems into the following categories (from good to terrible): Marx (10), Soviet Union (8), Venezuela (6), Netherlands (4), Nigeria (2) and United States of America (1). The results of our experiment are shown in Table 1. It can be observed that our implementation, by design, achieves a higher level of achieved communism by $\approx 2x$ than the other communist crypto-currencies. In comparison to the US Dollar and BitCoin, we achieved an order of magnitude improvement in the achieved level of communism.

Currency	LOAC	LOAC (score)
CommieCoin	Marx	10
BitCoin	United States of America	1
Petro	Venezuela	6
US Dollar	United States of America	1

Table 1: Level of achieved communism (LOAC)

Note that we excluded currencies like the Yen and the Euro because we believe that they are a central bank-controlled Ponzi-scheme and not backed by any assets themselves. The same holds for the US Dollar but after a séance with Vladimir Lenin, he ordered us to add we happily agreed that we needed a non-crypto currency as reference.

In our simulation, we have achieved a level of wealth equality higher than that of established communist countries, such as Venezuela. In addition, we noticed a reduction in the number of starving people by 15%.

4. UNRELATED WORK

Crypto-currencies have seen a huge surge in popularity and main-stream publicity. Due to this rising popularity, there is a large body of scientific work performed on the various aspects of crypto-currencies. There are numerous different blockchain implementations, different strategies for proof-of-work and proof-of-stake, various applications of smart contracts and many articles on blockchain meta-analysis. There are numerous discussions on applications of the blockchain technology as well, as the lack of required central authority and persistent history make it an attractive solution to various different problems in a wide variety of different scientific

Figure 2: A mathematically optimal illusion. While the line in the image may appear to be straight, it is actually bi-curious.

fields. In this section, we will not discuss any of these. Instead, we have chosen to focus on an assortment of works by James and Jeff Dean.

In James Dean et al.[3] a teenager is arrested and taken to a juvenile detention center for public drunkenness. It is an emotional portrayal of the moral decay of American youth. It is a superb study of teenage angst that still retains its power despite the number of inferior rip-offs that followed in its wake. Dean's performance is the stuff of classic drama.

In Jeff Dean et al. [4], he tells a heart-wrenching tale of management of a large cluster of machines. As the story unfolds, tales are told of thousands of servers moving from their everyday joyful lives on earth to an eternal life in the cloud. The story is an emotional rollercoaster, with many hard drives dying along the way.

5. ILLUSIONS & FUTURE WORK

An optimal illusion is provided in Figure 2.

5.1 Future Work

In the near future we believe it is a good idea that (a) the gentle laborer shall no longer suffer, and the Bourgeoisie shall be overthrown and (b) we create more crypto-currencies and get rich through Initial Coin Offerings (ICOs) where we steal from the rich and give it to ourselves, the so called Robin Brain method [1].

6. ACKNOWLEDGEMENTS

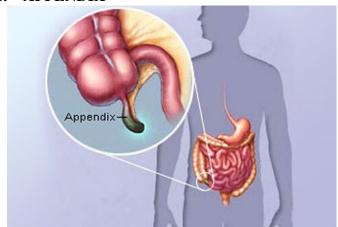
We would like to thank North Korea, Venezuela, Cuba, Soviet Union and, last but not least, the German Democratic Republic for providing proof-of-concept implementations of Communism $\bf A$

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8. APPENDIX



(Source: https://www.onhealth.com/content/1/appendicitis_appendectomy)

9. PROOFS

9.1 Optimality of Communism

Let X any form of government. Let $S = \{s_i\}_{i \in 1...N}$ be the people. Let $\mathcal{P}_t : S \mapsto \mathbb{R}_{>0}$ the function that assigns power to the people at time t. Suppose there are an $1 \leq i < j \leq N$ and $t \in \mathbb{R}$ such that $\mathcal{P}_t(s_i) < \mathcal{P}_t(s_j)$. How could you even suppose something like that?! That would not be fair! If you did not immediately reject that statement, you should feel bad. If you suppose $\mathcal{P}_t(s_i) < \mathcal{P}_t(s_j)$ openly, your neighbors, friends or family will tell on you. We will find you. We will make you agree. Or we will make you disappear. Hence, $\mathcal{P}_t(s_i) = \mathcal{P}_t(s_j) = \mathcal{C}$ for any i, j and t. As a side effect, we have obtained proof that there must exist $\mathcal{C} \in \mathbb{R}_{>0}$, which will be known as the Universal Communism Constant. We estimate its value is roughly 3 Rare, 5 Medium or 8 Common CommiCoin. Note that the proof still holds if we assume that $t \in \mathbb{R}_{>0}$ (i.e. a big bang).

9.2 Water

This paper is not water proof.

9.3 Bullet

T^{1}	ais paper is bullet proof, unless the bullet is shot at a	
high	enough speed.	
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