B I T C O I N T R U S T

BITCOIN TRUST WHITE PAPER VERSION 1.5
September 18th, 2020

TABLE OF CONTENTS

1. INTRODUCTION

BitcoinTrust is a unified ecosystem that makes it possible for people to easily use cryptocurrency in order to improve their lifestyle and acquire products and services that are necessary for day to day life. The community deposits its trust in projects, such as; the commercial and financial ecosystem that surrounds it, mining model, trader experience and the digital platform with an open, decentralized accounting ledger which was designed specially to integrate a solid company structure and with blockchain technology with **SmartTrust**.

Bitcoin Trust Cryptocurrency: is a bifurcation in Bitcoin, an electronic cash system.

TECHNOLOGY BASED BITCOIN:

Bitcoin is a form of electronic money that is purely peer-to-peer that allows you to send payments online directly between parties, without passing through financial institutions. Digital signatures are a part of the solution to the problem of double expenses, using a peer-to-peer network. The network seals transactions in time in a "proof-of-work" continuous chain, based on hash3, thus establishing a register that cannot be modified without redoing the proof-of-work. The longer chain not only serves as effective proof of the sequence of events, but also shows that it comes from the most powerful CPU group. While the majority of the of the CPU power is controlled by nodes, a longer chain is generated. The network itself requires a minimal structure. The messages are transmitted based on "best effort", and the nodes can abandon the network and come back whenever, accepting the longer proof-of-work chain as proof of that has happened during its absence.

BITCOIN CURRENCY TRUST BCT

Our currency is a social project created with the support of entrepreneurs, business people and developers for the benefit of all the community, with the integration of allied companies and franchises.

2. BITCOIN FORK

PEER TO PEER NETWORK BITCOIN TRUST

BitcoinTrust was born with 2 fundamental purposes: the first was to create a digital asset that could bring financial balance, where any person could have the opportunity to improve their life; therefore, Bitcoin Trust is designed to give any person the possibility to capitalize and grow financially.
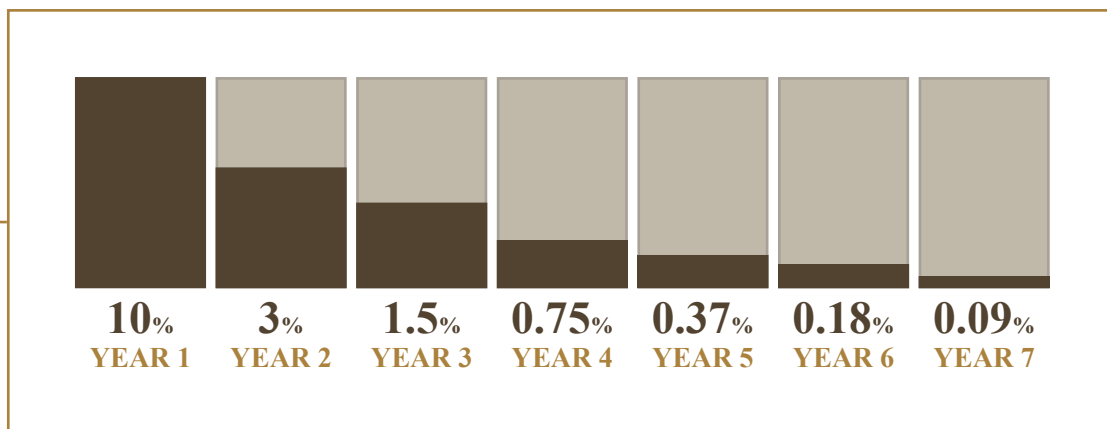
The second purpose was to create the first cryptocurrency that possessed its own commercial ecosystem, in order to give people the opportunity to acquire basic need items and an ample range of products using **BitcoinTrust**.

This is a system that permits greater financial autonomy. It does not require dependency on a central authority and it gives a true control over each users financial assets.

From **BitcoinTrust´s** development, it has been designed with investors in mind. Investors are given the opportunity to have recurrent earnings for saving our assets through Stake mining **(POS)** from different available operative systems *"Mac, Windows, Linux and Raspberry"*.

Store it in WebWallet, an android or IOS app can be evaluated thanks to its block explorer, official data on its official webpage and github repository

An improved version of Bitcoin is proposed in White Paper, version 1.5; through the addition of a commercial network that is easily adopted thanks to the strategy in **Phase 2** and in the **Proof of Stake mining**. This united focus makes it unique in the world, offering a technological platform with participation from business people and investors.

10%	3%	1.5%	0.75%	0.37%	0.18%	0.09%
YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7

2. BITCOIN FORK

BLOCKCHAIN BITCOIN TRUST

Block chain technology from **BitcoinTrust** creates blocks when chronologically combining acts. These blocks are confirmed through a network of peer nodes. Each one of these blocks contains the necessary information to construct a chain with the previous block through a network consensus.

The **BitcoinTrust** block chain incentivizes miners in "POS" with a pre-established percentage (%) and an on average commission fee of 0.00001 cost per transaction. It also publicly registers all digital asset movements in the decentralized **BitcoinTrust** network.

GOVERNABILITY

Its commercial structure, its alliances, its applications and apps make a unique ecosystem, its founders make decisions focused on the digital asset´s future success; the organizational structure is conformed in the following way:

DUARTE VIZCANINO
Co-founder, Trader, Market Analyst,
Expert In Blockchain Technology,
System Programming, Theologian, Psychologist,
Post Graduate Studies In Geoscience.

MARIO DIAZ
Co-founder, Developer, Systems Engineer, Expert In
Blockchain Technology

JUAN CARLOS ZULUAGA
Developer, Blockchain Engineer.

LEIDY VIVIANA ESCÁRRAGA QUIROZ
Lawyer, Legal Department.

ROBERTO ANDRES VANEGAS ROJAS
Lawyer, Legal Department.

MARIO ALFONSO DIAZ
Magister In Systems Security, Lawyer,
Industrial Engineer.

MAURICIO MENDEZ
Co-founder, Publicist, Marketing Director,
Computer Technology Specialist.

JHON F. NERI
Trader And Market Analyst.

DIANA TORRES
Manager And Digital Marketing.

JESUS DE LOS SANTOS B.
Development, Systems And Science Engineer,
Mathematics, Systems, Graduate Of Natural Science.

ARIEL D. S. BRITO
Development, Systems Engineer.

GIO QINTO
Digital Marketing.

LUIS FORASTIEL
Agricultural Engineer.

SAMUEL MOTA
Developer, Strategic Consultant, Graduate Of Theology,
Master In Education.

DANIELA VARÓN
Architect.

3. PROJECT STAGES

3.1 INITIAL STAGE AND GENESIS BLOCK

Blockchain start date: **September 1st 2020.**

GENESIS BLOCK:
hashGenesisBlock("0x000005&cle64c0c185dlda2491ccfab4f4441150b9bb07e70e654319a1007ef4");

```
https://chainz.cryptoid.info/bct/block.dws?000005&cle64c0c185dlda2491ccfab4f4441
150b9bb07e70e654319a1007ef4.htm

"hash" : "000005&cle64c0c185dlda2491ccfab4f4441150b9bb07e70e654319a1007ef4",
"confirmations" : 29784,
"size" : 174,
"height" : 1,
"version" : 6,
"merkleroot" :
"48009d0489ae787e51aa305ecea91e62ea40f6993b8e1d42c29de419a4d24259",
"mint" : 16800000.00000000,
"time" : 1598924328,
"nonce" : 338231296,
"bits" : "1e0fffff",
"difficulty" : 0.00024414,
"blocktrust" : "100001",
"chaintrust" : "200002",
"previousblockhash" :
"00000bee18888d3bfe358f523fff7891c8adc5ca85fe371f9b7115253589659c",
"nextblockhash" :
"000006516b12892b0b3f369fb1527810cf7e694267b22d4856d1bb77e3008249",
"flags" : "proof-of-work",
"proofhash" :
"000005&cle64c0c185dlda2491ccfab4f4441150b9bb07e70e654319a1007ef4",
"entropybit" : 0,
"modifier" : "0000000000000000",
"modifierchecksum" : "2dcbe358",
"tx" : [
"48009d0489ae787e51aa305ecea91e62ea40f6993b8e1d42c29de419a4d24259"
```

PORTS
- default: 29720
- default: 29719

TESNET
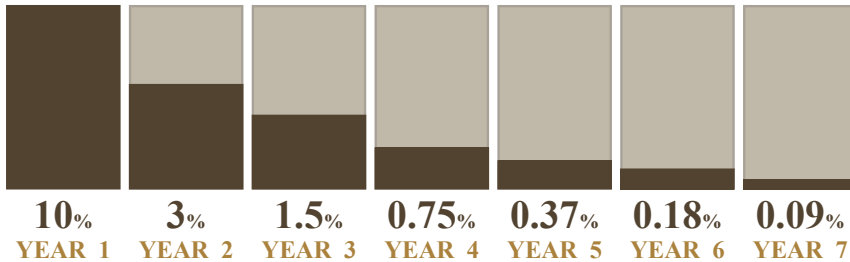- testnet: 39720 || testnet: 39719

3. PROJECT STAGES

DISTRIBUTION

PRE-MINED:
16.800.000 BCT

MAXIMUM SUPPLY:
21.000.000 BCT

POS MINED:

10%	3%	1.5%	0.75%	0.37%	0.18%	0.09%
YEAR 1	YEAR 2	YEAR 3	YEAR 4	YEAR 5	YEAR 6	YEAR 7

STAGE II PHASE 2 INTELLIGENT CONTRACTS

TRUSTSMART

Is a platform of intelligent contracts based in **BitcoinTrust BCT**´s blockchain. This is a scrypt that is inserted in the private **BCT** blockchain, to add sensitive user data, respecting privacy laws in each state.

Thanks to blockchain technology you can make agricultural processes traceable with an identifier for each plant, from its planning, cultivation, fertilization, harvest, commercialization and verification of lifespan *(expiration based on the lifespan of the fruit)* all of this is verified and certified publicly, giving each package or barcode its respective hash that can be validated on the cloud or app.

3. PROJECT STAGES

PRIVATE BLOCKCHAIN FOR SMARTTRUST

★ **Extremely save platform
Multiplatform smarttrust.**

★ Private **SmartTrust** blockchain implementing solutions with 10k transactions per second per node with parallel transaction processing.

★ It distributes a greater transactions book to all authorized participants in the **BitcoinTrust** network *(Also called "nodes")*.

★ The objective of the design is to maintain the distribution of accounting books and make intelligent contracts are safe.

★ The development of blockchain apps when separating the central domain system from the app, It creates a peer-to-peer with the synchronized nodes and the dynamic consensus algorithm.

★ **DISTRIBUTED:** the blockchain data base is shared within participants and are demonstrably identical in all of the network nodes. All of the participants have the same information.

★ **IMMUTABLE:** the blockchain database is an unalterable history of all of the transactions that use block hashes to facilitate detection and avoid attempts to alter the record.

★ **SAFE:** all of the changes are made through transactions signed by known identities.
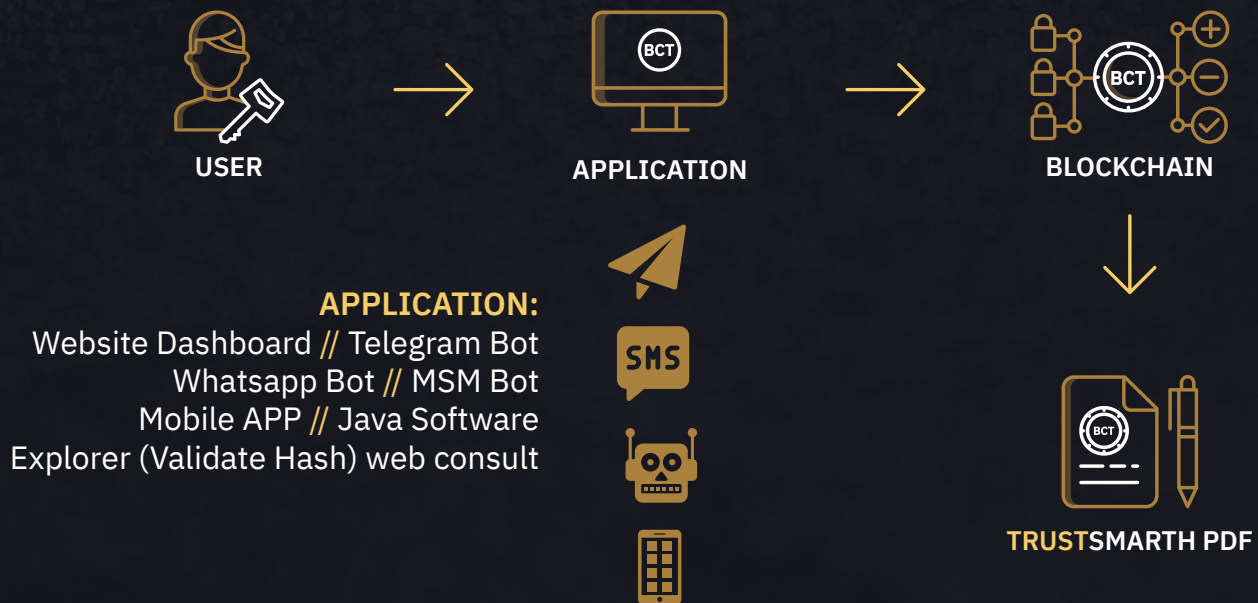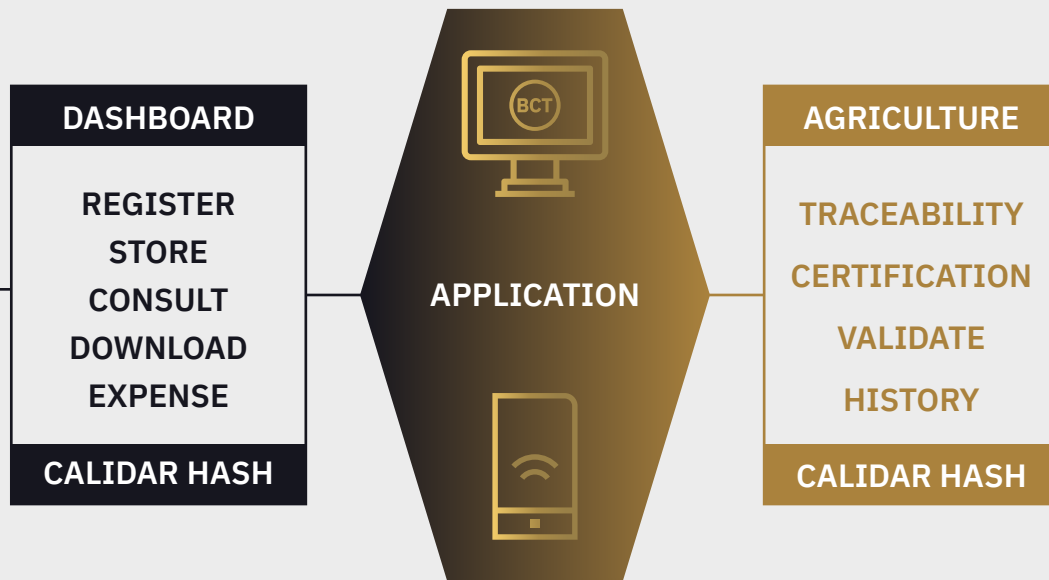
★

Most of the block chains require transactions made in series to guaranty a coherent order in each node, we have advanced code that divides the transactions in parallel flows. According to the locations in the states which are accessed through a transaction, it isolates the execution of the transactions within themselves while maintaining the contextual changes.

3. PROJECT STAGES

PRIVATE BLOCKCHAIN FOR SMARTTRUST

DASHBOARD

REGISTER
STORE
CONSULT
DOWNLOAD
EXPENSE

CALIDAR HASH

APPLICATION

AGRICULTURE

TRACEABILITY
CERTIFICATION
VALIDATE
HISTORY

CALIDAR HASH

USER

APPLICATION

BLOCKCHAIN

APPLICATION:
Website Dashboard // Telegram Bot
Whatsapp Bot // MSM Bot
Mobile APP // Java Software
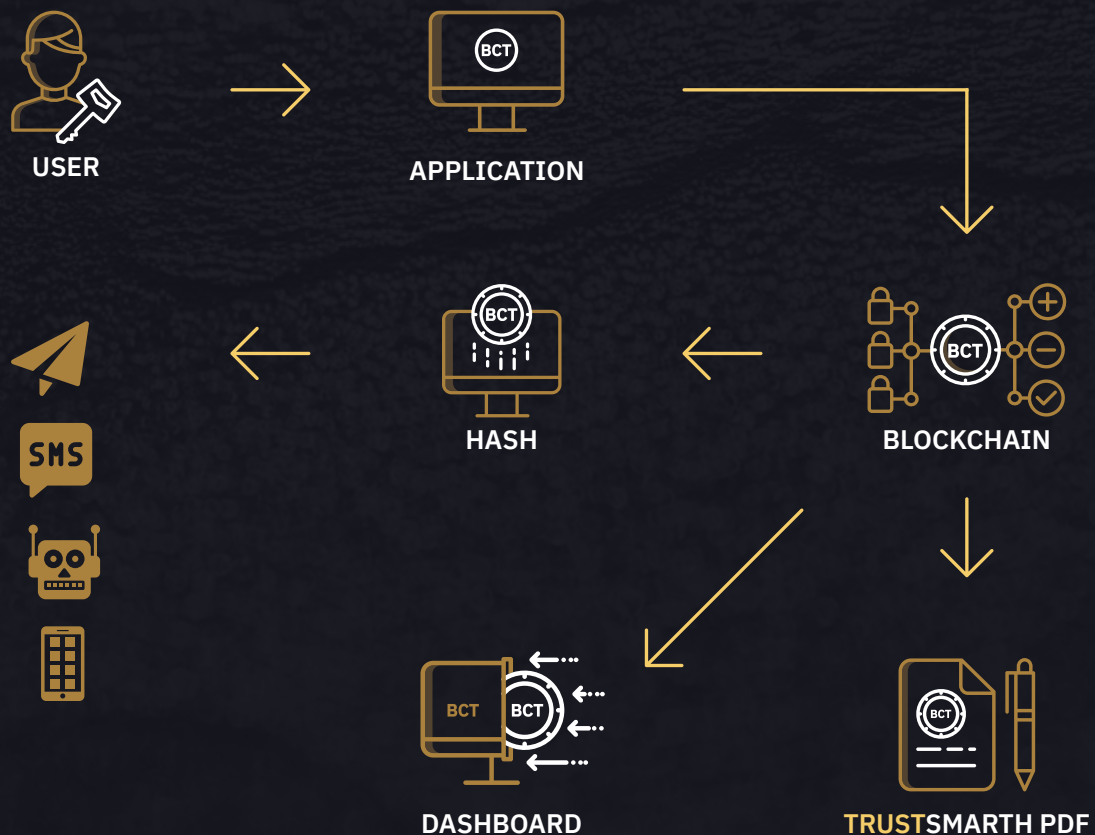Explorer (Validate Hash) web consult

SMS

TRUSTSMARTH PDF

NOTE:
Each **TrustSmarth** generates a BCT expense that is exported in PDF.

3. PROJECT **STAGES**

TECHNICAL **DETAIL**

★ Each time something is stored in any of the applications it generates an expense that is applied to the **BitcoinTrust (BCT)** asset.

★ The consult does not give the public information, only the hash generated.

USER **APPLICATION**

HASH **BLOCKCHAIN**

DASHBOARD **TRUST**SMARTH PDF

NOTE:
The user must make each transaction with these costs:
BitcoinTrust company system nodes 0.00001 Commission fee
0.1BCT is for the **BitcoinTrust** Company

3. PROJECT STAGES

3.3 STAGE II: PHASE 2
TrustAgriculture
Intelligent contract between the grower and the distributor through **BitcoinTrust**.

3.4 STAGE II: PHASE 2
TrustPiscicultura
Intelligent contracts for the pisciculture sector with **BitcoinTrust** technology**.**

3.5 STAGE II: PHASE 2
TrustEnergy
Renewable energy at everyone´s fingertips with ease of payment through an intelligent contract with **BitcoinTrust**.

3.6 STAGE II: PHASE 2
TrustHumanity
Equality, **Liberty, Justice** and **Dignity** is the base of universal rights. **TrustHumanity** will take education, nutrition and hope to the most vulnerable.

3.7 STAGE II: PHASE 2
TrustCall
Telecommunication within everyone´s reach; accessibility through **BitcoinTrust**.

3.8 STAGE II: PHASE 2
TrustShop
With **BitcoinTrust** you will be able to pay for your purchases in associated stores.

3.9 STAGE II: PHASE 2
TrustFood
With **BitcoinTrust** you will be able to pay in associated restaurants around the world.

3.10 STAGE II: PHASE 2
TrustTravel
With **BitcoinTrust** you can acquire and enjoy your vacations, reserve flights, hotels and rent cars around the world.

3.11 STAGE II: PHASE 2
TrustFranchise
Become a business owner with our franchise system and obtain the benefit of billing with **BitcoinTrust**.

3.12 STAGE II: PHASE 2
TrustMobile
Buy your phone and all types of accessories in all of the network of global phone stores.

4. BCT TECHNICAL DETAILS

```
const char* pszTimestamp =
"1598473537 Bitcoin Trust Network Igualdad, Libertad, Justicia y Dignidad";
"hash": "0000058c1e64c0c185d1da2491ccfab4f4441150b9bb07e70e654319a1007ef4",
```

BCT SPECIFICATIONS

```
Coin name BitcoinTrust
Coin abbreviation BCT
algoritmo: Scrypt
Tipo: PoW/PoS
Letra Address: T
RPC port  29720
P2P port   29719
Total coin supply: 21.000.000 coins
PoS percentage: 10% per year
Last PoW block:  block 105
Coinbase maturity: 100 blocks
Target spacing: 64 seconds
Target timespan: 1 block
Transaction confirmations: 6 blocks
```

PROOF OF STAKE REWARD (POS)

- 105 Block - 1000000 Block:
  10% per year POS

- block 3% per year POS

TECHNICAL DATA

```
Algorithm Scrypt Type PoW/PoS Coin
name BitcoinTrust abbreviation BCT
Address letter S RPC port 29720 P2P
port 29719 Block reward POS 10%Total
coin supply 21.000.000 coins
```

PROPERTIES

```
PoS percentage 10% per year Last
PoW block block 105 Coinbase
maturity 100 blocks Target spacing
64 seconds Target timespan 1 block
Transaction confirmations 6 blocks
```

PRE-MINED

```
Premine percent 80% Premine amount
16.800.000 coins
```

4. BCT TECHNICAL DETAILS

BCT BITCOIN TRUST WALLET

Download The Wallet For Windows, New Version 1.0.1.1
https://github.com/bitcointrustbct/bitcointrust/releases/download/1.0.1.1/bitcointrust-qt.zip
NOTE: Windows Installer *(execute as administrator).*

DOWNLOAD THE WALLET FOR MAC, NEW VERSION 1.0.1.1
https://github.com/bitcointrustbct/bitcointrust/releases/download/1.0.1.1/BitcoinTrust-Qt.dmg

Download Wallet For Linux X64 Support Care, New Version 1.0.1.1
https://github.com/bitcointrustbct/bitcointrust/releases/download/1.0.1.1/BitcoinTrust-1.0.1.1-x86_64-linux-gnu.tar.gz

Download Wallet For Raspberry, New Version 1.0.1.1
https://github.com/bitcointrustbct/bitcointrust/releases/download/1.0.1.1/bitcointrust-qt_ubuntu1804_arm64.tar.gz

4.1 MINING

BitcoinTrust cryptocurrency thinks about the planet, it does not generate a high consumption thanks to mining in **POS**, which has an ecological conscious. It helps to lower high consumption of electricity from the **POW** system and the consumerism that is generated with asic equipment, graphic cards, etc. The **BCT** is based in the *Proof of Stake* **(POS)**, it is through incentives, the more coins you have in your wallet, the more you help the network and the more rewards you will have.

4. BCT TECHNICAL DETAILS

4.2 NODES

```
Source: https://github.com/bitcointrustbct/bitcointrust
Install the dependencies to compile from source code.
Install the necessary dependencies using the following commands.
sudo apt-get install make qt5-default qt5-qmake qtbase5-dev-tools
qttools5-dev-tools software-properties-common build-essential libqrencode-dev
qrencode git pkg-config libssl1.0-dev libdb++-dev libboost-all-dev
libminiupnpc-dev automake autoconf libjansson-dev libgmp-dev make g++ gcc
libcurl3
sudo apt-get libcurl-openssl1.0-dev
sudo add-apt-repository ppa:bitcoin/bitcoin
sudo apt-get update
sudo apt-get install libdb4.8-dev libdb4.8++-dev
mkdir ~/bin ~/src
git clone https://github.com/bitcointrustbct/bitcointrust.git
cd bitcointrust
cd src
make -j4 -f makefile.unix STATIC=1 -j2
strip bitcointrustd
chmod +x bitcointrustd
mv bitcointrustd /usr/bin/
mkdir ~/.bitcointrust
nano ~/.bitcointrust/bitcointrust.conf
rpcuser=rpc_bitcointrust
rpcpassword=69c863e3356d3dae95df454a1
rpcallowip=127.0.0.1
listen=1
server=1
txindex=1
daemon=1
staking=1
addnode=13.56.230.118
addnode=15.222.243.43
addnode=15.222.6.87
addnode=15.223.48.33
addnode=15.223.50.89
addnode=167.86.78.188
addnode=178.238.237.90
addnode=181.236.171.198
addnode=191.97.2.226
addnode=201.233.229.210
addnode=3.101.103.194
addnode=3.96.130.126
```

4. BCT TECHNICAL DETAILS

4.2 NODES

```
addnode=3.96.160.125
addnode=35.182.202.14
addnode=35.182.23.206
addnode=35.183.30.158
addnode=50.237.65.45
addnode=54.151.59.97
addnode=54.151.72.41
addnode=54.219.85.186
addnode=54.241.45.136
addnode=67.87.149.168
addnode=86.57.193.186

addnode=98.219.31.244
addnode=99.79.46.51
#Start your node with the following command.
bitcointrustd
#They will get the message "BitcoinTrust server starting"
#It is already running if you want to turn it off you can put the command
```

4.3 APPS

The development of **SmartTrust** app for intelligent contracts and **IOS** and **Android** wallets in native languages.

Native Android Wallet:
https://play.google.com/store/apps/details?id=com.bitcointrust.wallet&hl=es_CO

iOS Beta Web-Wallet:
http://bitcointrust.info/

4. BCT TECHNICAL DETAILS

4.4 INTERNATIONAL TRADING

The project has two international exchange houses:

https://crex24.com/es/exchange/BCT-BTC

https://crex24.com/es/exchange/BCT-BTC

4.5 ROUTE MAP

June 2016	Development of BitcoinTrust code.
August 2020	Culmination of the Development of the "BCT" Cryptocurrency BitcoinTrust.
September 2020	Start of the Genesis Block.
September 2020	Start of the Pre-Mined 20%.
September 2020	Blockchain Explorer.
September 2020	Publication of the Website: www.BitcoinTrust.Global
September 2020	GitHub Repository.
September 2020	Publication in BitcoinTalk.
September 2020	Bitcoin Trust Enlisted in CREX24.
September 2020	Bitcoin Trust Enlisted in SouthXchange.
October 2020	Publication of Trust Wallet for Windows, Linux and Android.
November 2020	Publicación de TrustWallet para Mac, iOS Ver. Beta y Raspberry.
November 2020	Smart Contract for agriculture "TrustAgriculture".
November 2020	Smart Contract for "TrustHumanity".
November 2020	Implentation of Telegram Web Bot.

4. BCT **TECHNICAL** DETAILS

4.4 INTERNATIONAL **TRADING**

November 2020	Publication of White Paper "technical Document".
November 2020	Incorporation Of New Miners.
December 2020	Start of Marketing Campaign for BitcoinTrust "BCT".
December 2020	Publication in CoinmarketCap.
January 2021	Smart Contract for Pisciculture "TrustPisciculture".
January 2021	Documentation for BitcoinTrust Wiki.
January 2021	Smart Contract – Open System: Solution directed to developers to create their own intelligent contracts.
January 2021	Official Currency Launch- Pre.sale in Exchange.
January 2021	Incorporation of new Nodes.
February 2021	TrustMobile Launch.
March 2021	rustShop Launch.
June 2021	TrustFood Launch.
July 2021	TrustFranquicias Launch.
September 2021	TrustTravel Launch.
January 2022	rustEnergy Launch.
February 2022	

WELCOME
TO THE ERA OF TRUST

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