

Whitepaper - WCS - published by: wcs:root : Sat Jan 18 16:54:15 CET 2020 #  
World Compensation System (WCS) **Keywords:** #2020, #Blockchain, #Inter-  
netOfValue, #RSK, #DeFi, #DeFiApp, #DFApp, #wcsDFApp

**Classification:** DeFi : EcoSystem : @rif\_os : **Version:** 0.0.1 (2020-01-15)  
**Status:** *in work*

## Purpose

Simple. Eliminate money invisibility.

## User-story

I dare you to throw out all your money, all your papers and coins  
and individual national currencies, and start over.

Develop an international monetary system that is wide open, totally  
visible, immediately traceable, completely accountable. Establish a  
Worldwide Compensation System by which people would be given  
Credits for services rendered and products produced, and Debits for  
services used and products consumed.

Under the new Worldwide Compensation System, WCS, the transfer  
of Debits and Credits would be immediate and totally visible. That  
is, anybody and everybody could inspect the account of any other  
person or organization at any time. Nothing would be kept secret,  
nothing would be ‘private’

Everything would be on the system of Credits and Debits. Returns  
on investments, inheritances, winnings of wagers, salaries and wages,  
tips and gratuities, everything. The WCS would deduct 10 percent  
of all earnings each year from the income of those *voluntarily re-  
questing* such a deduction. Everyone in the society would be able  
to observe who was choosing to offer the 10 percent for the general  
good of all, and who was not. And everyone’s records would be open  
to everyone else. And nothing could be purchased without Cred-  
its. There would be no other negotiable currency. ([source:#CWG,  
@realNealWealsh](http://ISBN))

**Short-name:** WCS, DeFiApp, wcsDFApp

**Disclaimer:** All quoted phrases are verbatim copies found at Conversations  
with God. Book Two (see Bibliography)

**Bibliography:** - Conversations with God (c) 1997 Neale Donald Walsch. ISBN  
978 0 340 76544 9

## Use-cases

- Typical Use-cases and User-workflow

## Community

- [[@WorldCompensationSystem \(Twitter\)](https://twitter.com/WorldCompensationSystem)](https://twitter.com/WorldCompensationSystem)

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## Donations

BTC-Address: | 0x123..0000 |

## Whitepaper

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```

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15. Claim lend User-service
16. Borrow service *## (Eco-)System Application notes homeland\$ homelandhelphomelandman ver homelandverhomelandhome homelandusercreateuser1homelandpwd homelandlshomelandstat homelandcmd1 --verbosehomelanddapp1 -verbose homelanddapp1 --verbosehomelandcommands homelandtoolshomelandapps homelandwallethomelandcredits homelanddebtshomelandassets homelandsend2user1homelandcredit tetris homelandneighborhoodhomelanddiscover homelandconnecthomelandls homelandlsnationshomelandcitizen homelandcitizenfederation1homelandidle federation1 homelandddonate-- idleneighborhoodhomelandtax 8 homelandoffer--idle federation1homelandoffer 8 homelandoffer6homelandcredits homelandtetrishomelandcredits homelandinvestkernel.org2homelandassets --all homelandlscommunitieshomelandgreetings community1 me -verbose homelandoffershomelandaccept 1 homelandcreditshomelandvalue dapp1 homelanddapp1 --verbose --debughomelandlogin homeland\$ homelandlshomelandrate dapp1 \*\*\* homelandSMSuser1homelandshare dapp1 user1 2 homelandlenddapp1homelandclaim dapp1 ## Architecture*

## Concept

Create a World Compensation Ecosystem based on Decentralised Financial Applications.

Implementation: Operation System (including fs, dfs, time-shared applications)

wcsOS – linux based distribution

Layers: 1. Distributed peer-2-peer (P2P) Network (Blockchain based) 1. Distributed File system (dfsWcs) 1. Nodes are Servers 1. Servers 1. run System- and Users-services 1. route User- and System- interactions (transactions) 1. Users are Clients 1. Clients decide to participate or not (mounting/unmounting) as service suppliers in the network 1. Clients interact with other Clients 1. Clients request services from Servers (service suppliers) 1. Via Remote Procedure Call (RPC) returning values in JSON format 1. Clients transfer value-assets to single or multiple-users or services 1. Light-Clients connect and use the network only

for short-time (SMS, PPP) 1. Value-assets are represented via Addresses in the Distributed File system 1. Clients and Servers interact via read/write file operations with each other 1. Servers providing User-services are debted certain agreed amount per-use 1. Servers providing System-services are debted an agreed amount per-use, daily, monthly or yearly on donation basis

## Network

**Topology:** Flower or Tree-of-Life (sacred geometry star 1:N, N:=6) \*  
[https://en.wikipedia.org/wiki/Overlapping\\_circles\\_grid#Modern\\_usage](https://en.wikipedia.org/wiki/Overlapping_circles_grid#Modern_usage)

### Nodes:

Full-nodes: store the complete history of command-blocks (analog to batch-files (a.k.a trans  
Light-nodes: store, validate and reconstruct environment from all nodes in local network (or

## Local File-system

RK1.0

/ - WCS root Ecosystem

/commands

/dbin/ - Decentralised System services

/users/ - connected user addresses {publickey:addresshash:alias:inbox} (analog to /mnt)

RK1.1

/apps

/lang - implementation language specific files

/tools - Utility tools

RK1.2

/dapp/ - Decentralised User or Third-Party Applications (executable -- analog to /usr/bin)

## Remote (distributed) File-system

/arch/dfs

RK2

/dapp/DeFi/ - Decentralised Financial Apps

## Realisation

TCP/IP Server :port UNIX's "Everything is a File" -> (name:Address) - Network  
(distributed) File-System

## Support Tools

neo4.js - Graph Database

## Common Use-cases

- transfer value-assets

## Network Startup

```
$wcsStart &  
World Compensation System server (wcsc) running  
Listening on port:280182
```

```
$wcsStatus  
Status: OK
```

## Command, Services and Tools

```
mount - loads/unloads foreign WCS Networks  
ls - show current Users in the Ecosystem  
mv - allocate users in different sub-network  
whoami -  
ps - process  
ping - ping  
telnet - establish connection and echo server  
mailto - use mail-alies to transfer transfer value-assets in the network
```

## Application Notes

```
$whoami  
{0x123456:mstcroix:mstcroix@protonmail.com}
```

```
$pwd  
/
```

```
$ls  
/apps  
/commands  
/dapps  
/services  
/users
```

```

$ls /users
/users/{0x123456:mstcroix:mstcroix@protonmail.com}
/users/{0x423456:mstcroix:none}
/users/{0x223456:anonymous:none}
/users/{0x723456:mstcroix:mstcroix@protonmail.com}

$ps
0 applications running

$/apps/App1 &
$ps
/apps/App1 running. 5 users connected

50fc328aad939c00fb848432a94943c9 ../arch/README.md 9f62b758277884c1ba1a12ef6be2ca3a
README.md d3777eb628218cf79d50e576d5c95bbd customer.md ca8f6611e7334b5878a412f6908fab36
platform.md bb9f52448806a9465104b3c5895d5356 wcsOES.md 70a1947487f1741ee64cb109b8cddc82
whitepaper.md ## 2020 (CC) Creative Common License bb9f52448806a9465104b3c5895d5356
wcsOES.md

bc9b4920af19ea249c5e51730a986a9a ../tools/README.md
f92f6755c1f6c83858630cb4d4c419aa ../networking/README.md
3582056e21f163e556a92a29f26da4bc ../GLOSSARY.md
1d4ba0b4f97b65cb239ac157fa453df6 ../dapps/README.md
ca8f6611e7334b5878a412f6908fab36 ../whitepaper/platform.md
bbf952448806a9465104b3c5895d5356 ../whitepaper/wcsOES.md
d3777eb628218cf79d50e576d5c95bbd ../whitepaper/customer.md
eb3a20fcc3eccad70e5f77ce8cff8ad8 ../whitepaper/README.md
70a1947487f1741ee64cb109b8cddc82 ../whitepaper/whitepaper.md
b85f6f905757b8a0d3f75430e13c47ad ../operations/README.md
4e57eedfde6cb02c52aec8be79b015c9 ../README.md
94063115eb82858ccfd15ef5a3b21814 ../project/integration.md
68f05ceb68281268217108fb55876082 ../project/deployment.md
5cd4aa50a1a9f8d1b46b0b63c9d82e27 ../project/CONTRIBUTING.md
9c060f1741bc37163838ead55b73c8ab ../project/workproducts.md
f16bab90fe5bf837c86b04e89f7dbb86 ../lang/README.md
2eaaf2bbe0e2dae25cbc17345d4ba75a ../lang/c/README.md
5fe7603d97b3315406ce7c051f273a3e ../arch/dfs/README.md
b6a84991d4f8957e69ccfd6d3e935e02 ../arch/dfs/dFSwcs/README.md
50fc328aad939c00fb848432a94943c9 ../arch/README.md
4ae120d33503361b35768677302e8c75 ../arch/fs/README.md
1c309bf14fbd49d5afcfac8da0635b5b ../users/README.md
41990a8f6b22e6e1b72009ca47b6ffc7 ../commands/README.md
15fd8a06e94ecf5f079451536356171c ../apps/README.md
a3c6c1e9fbc0dd9e6723f73f7402b08a ../services/wcsServer/README.md
06ae6a9d35733170f372c50e1e6ed749 ../services/README.md

```