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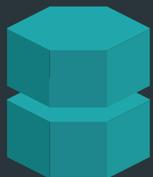
CIPHERDUO IS A DAO THAT ENCOURAGES CREATIVITY THROUGH THE GAMIFICATION OF VIRTUAL IDENTITIES PROCESSING THEIR DATA AS VALUABLE; IT CAN BE COMPARED TO A GLOBAL STUDIO INTENDED TO CREATE META-VERSES SHAPED, POPULATED, RULED, AND OWNED BY ITS USERS. THE FINAL GOAL IS TO STRUCTURE A SERIES OF PLATFORMS CAPABLE OF SELF-COORDINATING RESOURCES AND SUSTAINABLY DELIVER CONTENT TO MEMBERS, INVOLVING THEM SEAMLESSLY IN THE PROCESS.

SUMMARY

"I CREATED THE OASIS BECAUSE I NEVER FELT AT HOME IN THE REAL WORLD. I DIDN'T KNOW HOW TO CONNECT WITH THE PEOPLE THERE. I WAS AFRAID, FOR ALL OF MY LIFE, RIGHT UP UNTIL I KNEW IT WAS ENDING. THAT WAS WHEN I REALIZED, AS TERRIFYING AND PAINFUL AS REALITY CAN BE, IT'S ALSO THE ONLY PLACE WHERE YOU CAN FIND TRUE HAPPINESS. BECAUSE REALITY IS REAL."
(ERNEST CLINE — 'READY PLAYER ONE')

"KEVIN FLYNN/CLU: ALAN?
ALAN BRADLEY/TRON: HOW DO YOU KNOW THAT NAME?
KEVIN FLYNN/CLU: THAT'S YOUR NAME, ISN'T IT?
ALAN BRADLEY/TRON: THE NAME OF MY USER."
(STEVEN LISBERGER — 'TRON')

"LIVING IN THE EVERYDAY WORLD MIGHT BECOME OVERWHELMING AT TIMES. THIS FEELING BECOMES A FILTER IN COLLECTING SOCIAL OUTCOMES AND RELATIONSHIP RELEVANT DATA. THANKS TO $CATHARSIS AND THE $THEORY OF MIND, VIDEO GAMES CAN RELIEF THIS STRESS, WHILE ACTING AS A SO-CIAL-MIND GYM. THEY ALLOW US TO EXPERIENCE THE RESULTS OF BEHAVIORS WE'D NEVER GIVEN ANY GAS. IF THE OUTCOME OF OUR ACTIONS BOTHERS ANOTHER INDIVIDUAL, THINGS MIGHT GET WILD. YET ANOTHER ADVENTURE."
(C2 — "DIGITAL KATHARSIS")

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#C2_PILOT / BUILDING $METAVERSES TOGETHER

GIVEN AN AD-HOC THEME AND A STRUCTURE THAT COMPOSES UNIVERSES OUT OF THE BEST DIGITAL ASSETS, WE ADD A GOAL AND PLUGGABLE GAME-PLAY'S MECHANICS THAT ALLOW ANYONE TO UPDATE AND IMPLEMENT MODIFI-CATIONS.

"USERS ALTER UNIVERSES PERMANENTLY ON A DAILY SCHEDULE."
(C2 — "NOTHING NEW")

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#C2_CONST / GENERAL FEATURES

ALL THE $DAPPS WE INTEND TO CREATE ARE FREE-TO-PLAY, CROSS-PLA-TFORM, AND CROSS-PLAY. THEY HAVE VOICE/TEXT CHAT, IN-GAME STREAMIN-G/FILMING CAPABILITIES, $MMO CONFIGURABLE FEATURES, CLOSE ATTENTION TO PHYSICS, AND HYPERREALISM. THE CONCEPTS ARE $VR INTENDED BUT WILL SCALE ON ANY DEVICE SEAMLESSLY.
SOME DAPPS WILL HAVE FLAT DESIGNED PORTIONS BECAUSE THEY ARE UTILI-ZED BOTH INSIDE UNIVERSES OR IN A WEB BROWSER/SEPARATE APP.
WE ARE GOING TO CREATE CHEST AND ICNES AS A STARTING POINT.
THE REST WILL BE DEVELOPED IN ORDER AND WITH CLEAR, UPDATED DEADLI-NES. IF A STEP AHEAD IS COVERED OR WE STAGNATE ON A GOAL, THE TIMES WILL BE UPDATED BASED ON THE NEXT GOAL TICKER. OMEGA IS AN EXCEP-TION TO THIS RULE.

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$DAOS AND $INDIE HOUSES HAVE A FEW DIFFERENCES.
WE USUALLY THINK OF AN INDIE HOUSE AS A REAL PLACE FILLED WITH INDIVI-
DUALS CO-WORKING ON A PROJECT. THEY KNOW EACH OTHER ON A DIFFE-
RENT LEVEL.
A DAO IS MAINLY COMPOSED OF TECHNICIANS AND INVESTORS AT THE PLAN-
NING AND INITIATION OF THE PROJECT. CHOICES ARE THEN MADE BY EVERYO-
NE THAT PARTICIPATES IN THE DAO, OVER TIME. SOMETIMES YOU EARN THE
ABILITY TO VOTE USING THE DAO'S SERVICE $YEARN, OTHER TIMES BY PART-
NERSHIPS $SUSHISWAP, SOME GIVEAWAY ON AFFILIATES $KICKECOSYSTEM,
INVEST MONEY TO FARM VOTES $COMPOUND, ETC.
YOU DON'T KNOW ALL THE DECISION-MAKERS INDIVIDUALLY, BUT YOU'RE ONE
OF THEM.

"THE FORMULA THAT EACH DAO USES TO MANAGE HIS MEMBERS' VOTING
POWER IS WHAT MAKES A DAO A GOOD ONE OR A BAD ONE."
(C2 — "DAO IS VOTE")

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ORGANIZATION

TO MANAGE RISK DIFFERENTLY:
WHAT IF AN INDIE HOUSE HAS A SUSTAINABLE INCOME THROUGH THE PRO-
DUCTS IT SELLS WHILE INVOLVING EVERYONE IN CREATING CONTENT?
EVERY CUSTOMER WOULD BE A MEMBER OF THE ORGANIZATION IN MANY
ROLES, WHICH ALLOWS THEM TO HAVE USAGE DISCOUNTS, PROVABLE VISIBI-
LITY, AND EXTRA FEATURES AS THEY PROGRESS.
THEY ALSO HAVE THE CHANCE TO PROFIT AS INDIVIDUALS THROUGH THE
ORGANIZATION'S SERVICE BY UNDERSTANDING ITS GOALS: SELLING, BUYING,
CREATING, GENERATING, PROMOTING, OR USING DIGITAL ASSETS.
THE PRODUCTION TEAM WILL BE CONSTANTLY PICKING TICKETS TO SOLVE
ISSUES OR ADD REQUESTED FEATURES TO THE UNIVERSES.

"YOU CAN $BUIDL DYNAMICALLY AROUND IT!"
(C2 — "SOMETHING NEW?")

ORGANIZATION

#C2_TIME / MAIN GOAL VALUES

ESTIMATED TOTAL TIME OF PRODUCTION <~1.5Y
ESTIMATED TOTAL COSTS OF PRODUCTION <~314,15K$

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#C2_DICTIONARY / GLOSSARY

TIME: MONTHS SINCE THE $IDO TO DAPP'S READY-TO-RELEASE DATE;
GOAL: THE CUMULATIVE REQUESTED ECONOMIC GOAL TO PRODUCE AND
RELEASE THE DAPP AFTER TIME;
ACTUAL STATE: THE CURRENT DAPP'S STATE OF DEVELOPMENT;

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#C2_BETA / EARLY ACCESS PHASE

(GOAL = 25K$, TIME = 2M, ACTUAL STATE = PRE-ALPHA)
OMEGA - THE SERVICE IN CHARGE OF GATHERING ALL THE DATA STRUCTURES
FROM DIFFERENT DECENTRALIZED SOURCES. IT DISPLAYS THEM IN A HU-
MAN-READABLE AND EXHAUSTIVE WAY FOR ALL TYPES OF USERS. ITS MAIN
FUNCTIONALITY IS TO INSPECT THE HISTORY OF EVENTS OR ENTITIES.

(GOAL = 50K, TIME = 3M, ACTUAL STATE = PRE-ALPHA)
CHEST - THE WALLET SYSTEM AND DIGITAL ASSET VIEWER, WHERE YOU CAN
SEND YOUR COINS, EDIT THE STATUS OF AN ASSET YOU POSSESS, CHECK
COMMENTS ON YOUR BELONGINGS, DRESS UP YOUR USER, MANAGE CON-
TACTS AND PRIVILEGES WITH LABELS, CHAT, SHARE $HYPERLINKS, ETC.

(GOAL = 150K, TIME = 6M)

IC2NS - INTERPLANETARY CIPHER DUO NODE SYSTEM, FRIENDS CALL HER ICNES. SHE'S A PIECE OF HARDWARE THAT COMES IN DIFFERENT SIZES AND PRICES. SHE HOSTS A DOMESTIC BANK ON ETH MANAGED BY YOU, REMOTE STREAMING SERVICES FOR YOUR DEVICES. SHE ALSO ALLOWS BETTER PER-FORMANCE ON EACH DAPP AND ANY OTHER IC2NS IN THE NET;

#C2_RELEASE / RELEASE PHASE

(GOAL = 314K$, TIME = 1.5Y)

PLAZA - A CITY WHERE USERS CAN PLAY OR CREATE EXPERIENCES. USERS COMBINE DIGITAL ASSETS TO CREATE STRUCTURE-MODULES. THEN, USERS CHOSE THE MODULE LINKS TO OTHER STRUCTURES BY TAG. THE SIZE OF THAT CONNECTION, THE LABELS, AND THE MODULE'S BEST REPUTATION WILL PICK THE NEXT MODULE. SO ON, SO FORTH, A DYNAMIC HYPERLINKED CITY GETS GENERATED;

#C2_END / NEXT GOALS

HELIX
ENDED
RISEN
DREAM
UTERO

OBJECTIVES

#C2_CYTE / CYTE COIN

CYTE IS MINTED AT ANY CROWDINVEST. THE SAME AMOUNT IS SENT TO OUR PUBLIC VAULT TO BACKUP THE DAO.

ITS VALUE WILL FLUCTUATE UNTIL THE NEXT OFFICIAL UNIVERSE RELEASE, WHERE IT WILL NORMALIZE. YOU CAN BUY THEM WITH MOST ERC20 TOKENS OR ETHER.

THEY ARE THE BASIC INFRASTRUCTURE TO DEAL WITH DIGITAL BARTER EFFICIENTLY. SERVING A CLEAR NUMERIC REPRESENTATION OF THE ITEM'S COMMONLY PERCEIVED VALUE, CYTE COMES WITH MANY CUSTOMS AS PROGRAMMABLE MONEY. CYTE IS THE COMMON HALF OF THE C2 ECOSYSTEM.

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C2_TX / DIGITAL BARTER

DIGITAL ASSETS CAN BE SINGLE OR MULTIPLE, BUT EACH ASSET HAS A CONDITION.

IT CAN BE PRISTINE, OR IT CAN BREAK, GOING THROUGH ALL THE INTERMEDIATE STEPS. YOU CAN "RESET" IT BY COMMISSIONING A RESTORATION TO THE CREATOR OR EVEN TRY IT YOURSELF. THE COST IN CYTE WILL MODIFY ACCORDING TO THE SIZE OF THE ACTUAL FILE. ALSO, THE QUALITY OF THE RESULT MAY VARY, ACCORDING TO THE CONTRACTOR'S SKILL. A CREATOR HAS A BETTER CHANCE OF FIXING HIS ASSETS.

ANY ASSET CAN BE SOLD AT ITS PRICE AND RULES, TREATING IT AS UNIQUE.

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DIGITAL PRODUCTS

#C2_CIT / CIT SYSTEM

VOTES CARRY A STRENGTH AND A SENDER, BUT HOW TO DEDUCE IF A
SENDER IS A FRAUD, PREVENTING HIM FROM MISUSING HIS VOTING POWER?
WE USE A REPUTATION SYSTEM TO ADDRESS THIS ISSUE.
ITS METRIC IS CIT AND IT'S BASED ON THIS FORMULA:

REPUTATION = {LEVEL * [(PERCEIVED * COUNTER * AGE) / VOTERS] / USERS *
DATE} CIT
-ACCOUNT LEVEL = IT INCREASES IF YOU ACHIEVE MILESTONES THAT DEMON-
STRATE A SUSTAINABLE GOOD HABIT TO THE PLATFORM;
-VALUE PERCEIVED = ALL THE POSITIVE STRENGTHS RECEIVED MINUS THE
NEGATIVES;
-BIAS COUNTER = ALL THE POSITIVE VOTES RECEIVED MINUS THE NEGATIVES;
-TOTAL VOTERS = HOW MANY PEOPLE VOTED THIS ENTITY;
-ACCOUNT AGE = AGE SINCE USER CREATION IN SECONDS;
-TOTAL USERS = TOTAL NUMBER OF REGISTERED USERS;
-PROJECT DATE = AGE SINCE THE PROJECT LAUNCH IN SECONDS;

IT STARTS CLOSE TO 0. TO INCREASE IT, YOU HAVE TO HOLD A FAVORABLE
RATIO OF LIKES/DISLIKES AND KNOW AS MANY USERS AS POSSIBLE (POSSIBLY,
WITH A HIGHER REPUTATION THAN YOURS) WHILE PROVIDING SOME TYPE OF
CONTENT TO THE PLATFORM.

BY VOTING YOU SIMPLY MULTIPLY YOUR VOTE STRENGTH BY YOUR ACTUAL RE-
PUTATION.

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#C2_GOD / DAO GUARD SYSTEM

IF YOUR SHOP CAN'T AFFORD TO BE TORN APART EVERY DAY OR GOOFY
FRIENDS ARE COMING HOME TONIGHT, THERE IS A GUARD SYSTEM. IT COSTS
PER DIGITAL-ASSET-IN-UNIVERSE AND COMES WITH DIFFERENT CUSTOMS. THE
PROFITS GO BACK TO THE POOLS AS A CROWDINVEST AT A RATIO = [1: 0.382].
IT MAKES THE ASSET CONDITION UNBREAKABLE FOR LIFE (THIS MAY VARY
ACCORDING TO THE UNIVERSE'S GOAL AND RULES). THE OWNER OF AN ITEM
CAN STILL DECIDE TO REMOVE THE PROTECTION OR BUY ONE FOR THE NEXT
OWNER.

#C2_API / DEVELOPERS ARE WELCOME

PARALLEL TO UNIVERSES, WE WILL KEEP AN UPDATED $SDK AND DOCUMEN-
TATION TO EASE THE USE OF OUR SMART CONTRACTS OR EMBEDDED INTER-
FACES. OUR $API WILL BE A SERIES OF ACTIONS YOU CAN ASK ANY ICNES IN
THE ECOSYSTEM. IT WILL BE RELEASED TOGETHER WITH THE FIRST HARDWA-
RE.
WE AIM TO IMPLEMENT $ERC-721 LEAVING EACH PROVIDER THE SIMPLICITY OF
A CLICK-TO-PORT INTERFACE.
THERE WILL BE A DEDICATED SECTION INSIDE ANY UNIVERSE TO DEMAND
COLLABORATION OR TO APPLY FOR A VACANT POSITION.

DIGITAL PRODUCTS

"ICNES HAS MANY SHAPES AND PRICES. SHE ALSO LIKES LINUX. "
(C2 — "ICNES IS AN ACRONYM")

SHE'S A TYPE OF PN, AKA PERSONAL NODE. YOU CAN ACCESS IT WITH A
CUSTOM LOCAL PANEL TO TWEAK HER THE WAY YOU WANT. MORE SPECIFI-
CALLY SHE'S A PERSONAL COMPUTER THAT BEHAVES LIKE A HIVE. SHE WORKS
AS A SERVER ON STEROIDS, WE CALL HER: PERSONAL NODE SERVER, AKA
PNS.
HER INITIAL CONFIGURATION ALLOWS ONLY CIPHERDUO BEES TO ACCESS,
ASSURING LOW CONNECTION DATA USAGE AND OVER TIME BETTER CON-
NECTIVITY.

BEES THEMSELVES ARE A TYPE OF PN, BUT THEY ONLY HOST THE DATA THEY
FREQUENTLY USE AS CLIENTS, AKA PNC. A PNC IS ANY DEVICE THAT CAN RUN A
UNIVERSE. MOST PNS CAN RUN AS PNC, BUT NOT THE OTHER WAY AROUND.

"THE STORAGE MEMORY SIZE OF AN ICNES WILL GROW WITH TIME. IT DE-
PENDS ON THE TYPE OF FILE YOU PUT IN THE SYSTEM. THEY BECOME EN-
CRYPTED-BAREBONE-DATA DESIGNED TO BE RECONSTRUCTED BY ANY PN."
(C2 — "DATA STAKING ERA")

PHYSICAL PRODUCTS

DOMESTIC BANKING = AN APP TO MANAGE A POOL OF MONEY WITH PRIVILE-
GES, AKA CHEST. BECAUSE IT'S THE SAME SYSTEM USERS HAVE, THIS AD-
DRESS SHOULD NOT BE USED AS A USER. IT IS A DOMESTIC VAULT OR A PLACE
TO STAKE YOUR 32 ETH NOT-SO-LATER IN TIME.

PLAYABLE QUALITY = TO ALLOW VIDEO COMPUTATION ON OLD HARDWARE OR
MOBILE DEVICES, THE UNIVERSES SERVE LIGHTER OR FULL VERSIONS OF THE
SAME DIGITAL ASSET. IT IS DIFFERENT FROM GRAPHICS QUALITY SETTINGS,
THOSE ARE IN-DAPP, YET IT AFFECTS GRAPHICS PROPERTY.

STREAMING CAPABILITIES = ALLOWS SOME PNC TO RECEIVE AN INTERACTIVE
VIDEO STREAM FROM THE PNS, IF THOSE ADDRESSES ARE AUTHORIZED
USERS.

PORTABLE = THESE DEVICES CAN BE SO SMALL THAT WE ALSO INTRODUCED
PORTABLE NODES, AKA PN. IT CAN BE USED FROM ANYWHERE WITH ANY
INTERNET CONNECTION;

VIRTUAL REALITY = THE PNS COMES WITH A PRE-SETUP VIRTUAL REALITY HUB
AND THE WHOLE VR HARDWARE KIT.

"BTW, YOU SHOULDN'T PLAY THROUGH AN ICNES. USE THE DAPPS ON YOUR
EVERYDAY MACHINE. IF YOUR PC IS A LITTLE BETTER THAN A TOASTER, IT WILL
NEED LITTLE TO NO CONFIGURATION TO RUN SMOOTHLY."
(C2 — "I CAN NAVIGATE EXTERNAL SYSTEMS")

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PHYSICAL PRODUCTS

SHOWN PRICES REPRESENT THE HARDWARE APPROXIMATE COST AT THE TIME OF WRITING. THE DISPLAYED NAMES OF ALREADY KNOWN PRODUCTS ARE A REPRESENTATIVE POINTER TO THE CATEGORY OF HARDWARE.

1.NANO PN ~ 50$: ODROID/RASP3
DOMESTIC BANKING;

2.MICRO PN ~ 160$: RASP4 8GB
DOMESTIC BANKING;
PLAYABLE LOW QUALITY;

3.MINI PN ~ 500$: ENTRY CUSTOM PC
DOMESTIC BANKING;
MID STREAMING CAPABILITIES;
PLAYABLE MID QUALITY;

P
H   4.UNIT PN ~ 700$: CUSTOM PC
Y   DOMESTIC BANKING;
S   HIGH STREAMING CAPABILITIES;
I   PLAYABLE FULL QUALITY;
C
A   5.PN ~ 450$: RASP4 8GB + DISPLAY 15.6
L   DOMESTIC BANKING;
    PLAYABLE MID QUALITY;
    PORTABLE;
P
R   6.VR PN ~ 1200$: CUSTOM PC + ENTRY VR KIT
O   DOMESTIC BANKING;
D   HIGH STREAMING FEATURES;
U   PLAYABLE MID QUALITY;
C   VIRTUAL REALITY;
T
S

7.FULL PN ~ 2000$: HIGH-END CUSTOM PC + HIGH-END VR KIT
DOMESTIC BANKING;
HIGH STREAMING FEATURES;
PLAYABLE FULL QUALITY;
VIRTUAL REALITY;

8.VR PN ~ 2000$: PORTABLE PC + VR KIT
DOMESTIC BANKING;
HIGH STREAMING FEATURES;
PLAYABLE MID QUALITY;
VIRTUAL REALITY;
PORTABLE;

9 FULL PN ~ 3000$: HIGH-END PORTABLE PC + HIGH-END VR KIT
DOMESTIC BANKING;
HIGH STREAMING FEATURES;
PLAYABLE FULL QUALITY;
VIRTUAL REALITY;
PORTABLE;

AN EXTRA ~300$ CAN BE PAID FOR THE CUSTOM HARDWARE INSTALLATION
SERVICE.
FINALLY, YOU CAN ADD ~30$ FOR THE SOFTWARE INSTALLATION SERVICE.

THEY SHIP SET UP AND READY TO GO. (SHIPPING COSTS EXCLUDED)

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#C2_TESTERS / CROWDINVESTING STAGES

BY PARTICIPATING IN THE CROWDINVESTING STAGE YOU'RE INVESTING FOR
AND WITH US. YOU STAKE YOUR OFFER UNTIL PLAZA (THE FIRST DIGITAL UNI-
VERSE) RELEASE. THE RATIO INDICATES HOW MUCH OF THE INVESTMENT WILL
BE POOLED (FARMING INTEREST).

CROWDINVESTORS HAVE EARLY-ACCESS TO PRODUCTS. ALL OF THEM RECEI-
VE GIVEAWAYS IN-DAPP.

THE TIME COUNT STARTS FROM THE RELEASE OF THE CYTE TOKEN.

#C2_ALPHA / FIRST MONTH
- RATIO = [1 ETH : 1 CYTE]

#C2_BETA / SECOND MONTH
- RATIO = [1 ETH : 0.764 CYTE]

#C2_GAMMA / THIRD MONTH
- RATIO = [1 ETH : 0.618 CYTE]

#C2_DELTA / FOURTH AND FIFTH MONTHS
- RATIO = [1 ETH : 0.5 CYTE]

#C2_ROOKIE / THE MONTH BEFORE ONE OFFICIAL UNIVERSE RELEASE
- RATIO = [1 ETH : 0.236 CYTE]
- NO EARLY-ACCESS TO LATER PRODUCTS OTHER THAN THE ONE HAPPENING
THAT MONTH

#C2_DONATORS / ANYTIME
- NO RATIO
- NO IN-DAPP GIVEAWAY
- APPEARS IN WALL OF FAME

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#C2_FUNDS / CONDITIONS

ALL OF THE EXCEEDING ETH COMING FROM CROWDINVESTS RATIO WILL BE
HOLD BY THE TREASURY TO PAY FOR THE PROJECTS.

OUR WEDGE WILL BE DRIPPED PER MONTH, BASED ON OUR CONTRIBUTIONS.
SALARIES COME FROM THE POOL THAT ACCUMULATES THE SERVICE'S FEE
(0.31% ON EACH BUY TX).

AS EACH PRODUCT CAN LIVE BY ITSELF, IT WILL DEVELOP WITH WHATEVER
BUDGET COMES IN. WITH NO COMPROMISE, WE WILL BE ACTIVELY DEVELO-
PING AND EXPANDING FOR A TIME.

"IN THE SPAN OF THESE YEARS, WE WILL SEE THE REACH. THEN, WE'LL
FINE-TUNE WHAT MADE ITS WAY OUT TO THE WORLD."
(C2 — "CIPHERDUO PIMPS REALITY")

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S   #C2_INVESTORS / MANUAL STAKING

P   WITH SOME ETHER OR ERC-20 AND CYTE, ANYONE CAN BECOME AN INVE-
L   STOR AT ANY STAGE. USING DEFI SERVICES LIKE $UNISWAP, MAKE THIS WHOLE
A   PROCESS FRICTIONLESS. YOU CAN MANAGE YOUR STAKES ANYTIME FROM
N   YOUR CHEST. THERE IS NO RATIO HERE OR TIME RESTRICTION. IF YOU NEED
           SOME CYTE, YOU CAN BUY THEM FROM THE DAPP; CYTE CAN ALSO BE SOLD
           FOR ETH OR OTHER TOKENS ANYTIME.