THE WORLD'S FIRST DECENTRALIZED EXCHANGE

CHANGE THE WORLD
Space is the deep firmament full of infinite imagination. Space is the interstellar universe with infinite possibilities. Space is also the symbol of people's exploration spirit on advanced civilization.

In the concept of SpaceDEX. The study of advanced technology, the pursuit of an ideal world, and the belief in true fairness and justice. Are presented with truly decentralized technology. Just like a traveler who constantly explores the vast sky. Believe in technology, believe in the value that technology brings. Believe that decentralization can lead the digital economy to financial ecology of higher latitude.
The full name of DEX is decentralized exchange. It does not store user funds and personal data in the server. But just matches them as a kind of infrastructure. Both parties wishing to buy and sell digital assets with the help of the Space matching engine. The transaction takes place directly between participants (peer-to-peer). Compared with CEX (centralized exchange), it has obvious advantage in security. It can greatly reduce various risks caused by human factors.
## CENTRALIZED EXCHANGE

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<th>Technical factors</th>
<th>Human factors</th>
<th>Regulatory factors</th>
<th>Cost factor</th>
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<td>Centralized custody of fund</td>
<td>Centralized management</td>
<td>The gradual improvement of policies and regulations of different countries</td>
<td>Increase in labor costs</td>
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<td>Centralized data</td>
<td>Business ethics</td>
<td>The supervision of centralized trading platforms will become stronger and stronger</td>
<td>Huge technology investment</td>
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<td>Hacker attack</td>
<td>Core personnel is accused of</td>
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<td>Increase in operational costs</td>
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<td>Emergency management capability</td>
<td>Inside job embezzlement</td>
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Increase in labor costs
Huge technology investment
Increase in operational costs
Is the only solution to break the deadlock of traditional exchanges

It is the embodiment of the core value of blockchain & digital currency
SpaceDEX
The truly decentralized trading platform
The world's first truly decentralized trading platform

SpaceDEX decentralized exchange is built based on the DEX protocol with underlying Tequila Chain. The SpaceDEX trading engine provides powerful decentralized high concurrency processing and safe transaction capabilities through heterogeneous relay cross-chain and super smart contract technology. Focus on the decentralized matching trading platform to provide users with more open, transparent, safe, free and reliable decentralized digital asset trading services.
SpaceDEX is led by the SPACE Foundation, and is jointly invested and constructed by overseas venture capital and financial institutions. It gathers global elites to form the core technology-oriented research team, including former core development members of Boca and global geek tribes, and focuses on the R&D of the decentralized matching transaction engine.

Currently, the Foundation has established in-depth cooperation with world renowned scientific institutions to improve the global application ecosystem landing, and it is striving to popularize SpaceDEX to the global users and become the pilot of decentralized trading platform in the near future.
Five characteristics
Protect user sovereignty, and assets are firmly in the hands of users

No custody required, 100% of assets are stored on the chain
Completely controlled by the individual

Identity authentication is not required for the users, the key is the identification mark

Blockchain technology realizes safe, reliable and trustless asset management, without the influence of human factors

All transaction records can be inquired
Traceable, eliminating under table dealing

Anonymity
Asset control tight
Asset risk management
Trading transparency
Without background management

Pure smart contract DAPP without background management 100% DAO governance
DAPP based on Tequila public chain

Tequila Chain is an integrated underlying public chain developed based on the same technology framework as Polkadot ---- Substrate. Gavin Wood, Former Ethereum CTO, participated in the R&D, with the DEX smart protocol as the core, strengthening the performance on the chain and reducing transaction costs, using heterogeneous relay and cross-chain technology to provide the SpaceDEX transaction engine with cross-chain interoperability and ecological integration functions, supporting the user experience of high concurrency and complex computing power and smart contract governance on the chain.

- Relay + heterogeneous cross-chain technology
- Support high concurrency and complex computing
- Super smart contract
- DEX protocol
- On-chain governance
- Non-fork upgrade
Independent research and development of DEX protocol

Significantly reduce the deployment cost of transactional smart contract applications and increase transaction speed.

SpaceDEX independently develops the DEX matching transaction protocol, and configures the decentralized matching transaction engine at the bottom of Runtime. The application only needs to realize DEX20 Interface. The matching transaction provides on-chain decentralized transaction services in the form of API interface. DEX API can provide services for the native applications of SpaceDEX, and can also be called by smart contracts developed by third parties, thus greatly reducing the deployment cost and difficulty of transactional smart contract applications.
Truly decentralized and highly concurrent matching trading platform

Highly concurrent and complex computing support + pure on-chain governance + full smart contract + automatic economic model

- DEX protocol supporting high concurrent and complex computing
- The world's first The truly decentralized trading platform
- The world's first Introduce algorithms into the DAO governance model
- Algorithms determine the issuance and circulation of SpaceDEX tokens
- Consensus determines the value and circulation of governance tokens
- Cross-chain assets Matching on chain, without central data
- Without background management
- Rules are 100% smart contract
- Automatic market-making economic model
- Eliminate under table dealing
- The most fair and just trading mechanism in the history
Three-core four-driven architecture

The world’s first “three-core and four-wheel drive” on-chain governance architecture developed by SpaceDEX is composed of three-core economic model and four-fold smart mechanism. It is truly decentralized, fully smart contract operation, pure chain matching, and cannot be artificially tampered with. It provides the stability and security of open, transparent, free and reliable decentralized digital asset transactions, and ensures the circulation and appreciation of the consensus value of SpaceDEX with technology.
"Three-core" economic model

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<tr>
<th>Name</th>
<th>Circulation</th>
<th>Effect</th>
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<tr>
<td><strong>SPT</strong></td>
<td>Issue 10,000 coins</td>
<td>SPT is the platform token that realizes functions such as transaction service fee, currency application, DEX protocol use application, wallet advertising application, etc. Its price stability and circulation quantity are balanced through mathematical algorithms.</td>
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<td><strong>SPB</strong></td>
<td>Produced on demand, not fixed quantity</td>
<td>SPB is a smart contract that issues and accepts SPB bonds to regulate and stabilize the price of SPT. When the SPT price is lower than USD0.95, the discount subscription is opened; when the SPT price is higher than USD1.05, the redemption is opened, and the subscriber obtains revenue.</td>
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<tr>
<td><strong>SPS</strong></td>
<td>The total amount is 21 million coins (3 million are the mother coins and 18 million are for consensus incentive)</td>
<td>SPS is the community governance value voucher that can be used to pledge, obtain project operation dividends, voting rights, etc., and participate in project operation and management.</td>
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Four-driven smart mechanism 1/4

**Automatic price control mechanism with SPT stabilizer**

When the price of SPT is higher or lower than the price toleration constant, SPT stabilizer will automatically trigger the price stabilization mechanism to exchange SPB with a certain ratio, thus controlling the circulation and price of SPT. ($\varepsilon$ is the price toleration constant, usually the value is 0.05)

- **When the SPT price is lower than** $(1 - \varepsilon)$
  - **Tightening strategy**
    - Users are allowed to exchange SPB at a discount of SPT
    - The exchange price is: $\text{PSPB} = P_{2\text{SPT}}$
    - At the same time, the SPT is destroyed

- **When the SPT price is higher than** $(1 + \varepsilon)$
  - **Expansion strategy**
    - Contract starts the minting process
    - Number of coins: total circulation $\times (P_{\text{SPT}} - 1)$
    - Each additional issuance of SPT does not exceed 1% of the current circulation
    - The additional SPT is distributed to the SpaceDEX Governance Committee, Ecological Foundation, and SPB Acceptance Foundation pool in a certain proportion

For example:
When the SPT price is 0.8$, the SPB exchange channel is opened, the SPB exchange price is 0.82=0.64$, and the SPT is destroyed after exchange.
Four-driven smart mechanism 2/4

**Treasury bond automatic issuance and acceptance mechanism**

Treasury is the issuer of SPB, which is a smart contract. Treasury issues and accepts SPB bonds to regulate and stabilize the price of SPT.

When the SPT price is lower than \((1 - \epsilon)\) (\(\epsilon\) is the price toleration constant, usually the value is 0.05)

SPB is issued according to the ratio of \(1\text{SPB} = \text{SPT}^2\)

And the successfully exchanged SPT is destroyed at the same time

When the SPT price is higher than \((1 + \epsilon)\) (\(\epsilon\) is price toleration constant, usually the value is 0.05)

SPB will be exchanged for SPT according to a 1:1 ratio
Those who participate in the SpaceDEX consensus and contribute to SpaceDEX, SpaceDEX will give them certain incentives.

A total of 21 million SPS are issued, 9,000 coins are produced per day, 100% of them are used for consensus incentives.

**Pool consensus incentive mechanism**

- **Liquidity contribution pool** 30%
  - Consensus value award
  - SPT-USDT 15%
  - SPS-USDT 15%

- **Traffic contribution pool** 60%
  - Community traffic reward
  - Super node 25%
  - Newly flow 35%

- **Dynamic ranking incentive pool** 10%
  - Weekly ranking award
  - Super node (1-10) 5%
  - Common node (11-99) 5%
Participate in community autonomy and obtain governance revenue by pledging SPS governance coins.

CAC community autonomy mechanism

Get SPT expansion
Strategic distribution of additional issuance

Ecosystem project
Listing dividends

Pledge SPS

Get transaction service fee dividends
SpaceDEX Ecosystem
SpaceDEX ecosystem

SpaceDEX, through SpaceDEX matching engine and cross-chain technology, empowers different product forms with the value of decentralization, and continues to expand and derive a variety of new application of the digital ecosystem, aggregates major networks, resources, traffic, and platforms. The ultimate goal is to enable all participants to finally achieve a benign development state, and create the cross-chain and cross-field comprehensive blockchain application ecology.
SpaceDEX decentralized trading ecosystem supports efficient digital asset management, digital asset trading and quick payment services. SpaceDEX aims to maintain the same processing power and user experience as the centralized trading platform, while achieving the efficiency and security of decentralization.

- One-click coin issuance
- TRC20 token issuance
- TRC721 token issuance
- Stable coin
- OTC transaction
- Contract transaction
SpaceDEX heterogeneous cross-chain technology provides the possibility of connecting decentralized exchange addresses on different blockchains to achieve cross-chain conversion of assets, low-cost but rapid creation, transaction and management of cross-chain assets feature high scalability performance and low cost, which builds the ecosystem that connects multiple major networks for direct transactions and all information processing.
DeFi products can be integrated into the traditional infrastructure off the chain and reshape the existing financial system. SpaceDEX provides solutions for the construction and landing of DeFi ecosystem, such as solving the core issues of smart contracts in connectivity, trusted data, low-cost scalability, and transaction privacy protection.
In the planning of the future ecosystem, SpaceDEX will gradually break the ecological boundary between the blockchain, the Internet and the physical industry, is committed to solve the problems of opaque information faced by traditional supply chain finance, the difficulty of core enterprise credit transmission, and the difficulty of financing for small and micro enterprises, so as to improve the effectiveness, convenience and availability of financial services.

**Trade financing**
Digitize the entire trade ecology and change the status quo that highly depends on traditional media and central credit voucher

**Liquidation and settlement**
Manage huge capital data
Improve the efficiency of settlement and liquidation

**Digital payment**
Improve and popularize the blockchain technology's Payment infrastructure

**Identity authentication**
Build the shared digital utility program to record the identity and keep it updated

**Wealth management**
Bring low-cost and high-yield competitive advantages to wealth management investment business
Development strategy

March 2021
Launch the curve consensus pricing contract, recruit the first batch of consensus members to jointly participate in the curve consensus pricing.

May 2021
Launch the SpaceDEX contract section as a whole, formally run the "three-core four-driven", and formally start the SpaceDEX.

Q2, 2021
Release the SpaceDEX V2, formally start decentralized digital asset transaction, and start the SpaceDEX global ecological project;
Officially launch ETH and TRON relay cross-chain bridge v2;
Officially release SpaceDEX TRC20 protocol standard;
Officially release SpaceDEX TRC721 protocol standard;

Q3, 2021
Launch the decentralized OTC trading DAPP, and at the same time, launch its governance token in SpaceDEX, trade the tokens of 1-2 ecology projects on the chain.

Q4, 2021
SpaceDEX oracle, polymerizer, loan and other projects are officially launched, creating SpaceDEX super DeFi ecosystem infrastructure, and tokens of 3-4 DeFi ecology project are traded on the chain.

2022
Upgrade the business of SpaceDEX OTCv2 trading system, Open the contract trading system to provide contract trading services for advanced traders. Launch and run the SpaceDEX funding platform online, establish a funding economic model to provide economic income and expenditure solutions for traders, investors, guarantors, etc.

2023
Focus on the physical industry, propose decentralized solutions in various fields such as finance, insurance, supply chain, agriculture, and use decentralized digital asset transactions as the link to promote the reform of the physical industry chain, accelerate the implementation of blockchain entities, and rank Top3 among the global decentralized trading platforms.
SPACEDEX achieves true decentralization

100% user sovereignty  
0 security risk

100% DAO governance  
0 background management

100% public on the chain  
0 human tampering

100% transaction transparency  
0 under table dealing
OPEN THE DOOR TO TRULY DIGITAL ECONOMIC VALUE

100% decentralized exchange