Moereum Network

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Bridge EVM to MoveVM

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Moereum Network provides the infrastructure for building
dApps using EVM and MoveVM smart contracts, providing
developers with true cross-consensus messaging (XCM) and
cross-virtual machine (XVM) interoperability.

Moereum plans to become a parachain to serve developers
on Polkadot.

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Advantage

Support Move contract deployment

Moereum supports Move contract deployment and provides a series of developer tool sets to the community.

Support Solidity contract deployment

Moereum supports Solidity contract deployment and provides a series of precompiled methods for calling Move contracts through Solidity.
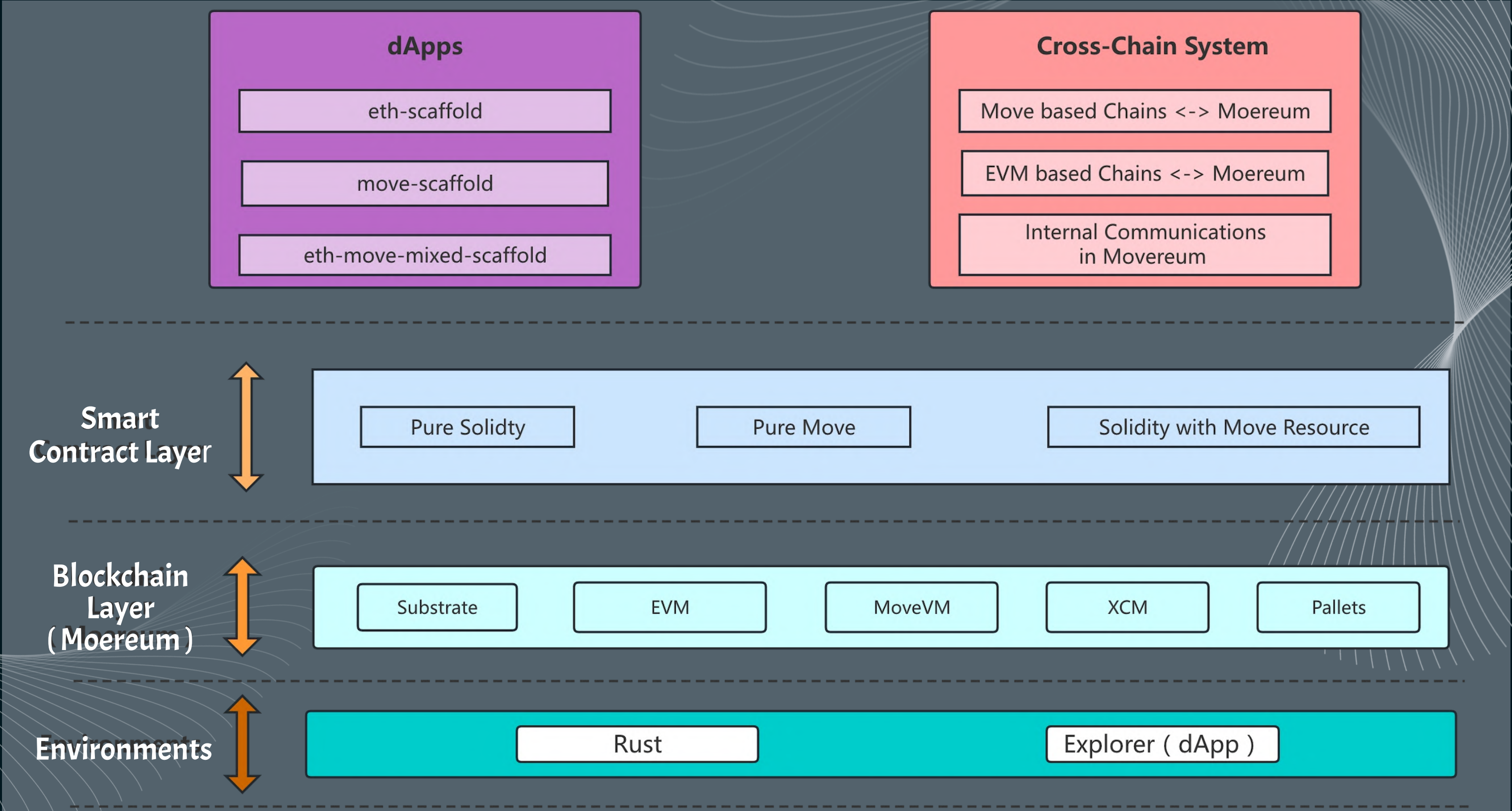
Multi-chain/multi-VM interoperability

Moereum's multi-virtual machine function means that users can implement a variety of contract deployments, intermodulation between different virtual machine contracts, and all Substrate-based parallel chains can achieve intermodulation with Moereum in the ecosystem and cross-virtual machine call without bridging.

Architecture

Multi-chain/multi-VM interoperability

dApps

eth-scaffold

move-scaffold

eth-move-mixed-scaffold

Cross-Chain System

Move based Chains <-> Moereum

EVM based Chains <-> Moereum

Internal Communications in Movereum

Smart Contract Layer

| Pure Solidty | Pure Move | Solidity with Move Resource |

Blockchain Layer (Moereum)

| Substrate | EVM | MoveVM | XCM | Pallets |

Environments

| Rust | Explorer (dApp) |

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Product

Operating environment layer	Rust environment and browser environment, corresponding to the chain and dApp respectively
Blockchain Layer (Moereum)	Including the Substrate blockchain framework, EVM virtual machine, MoveVM virtual machine, XCM communication pallet and other pallet sets that need to be used.
Smart contract layer	Pure Solidity smart contract, pure Move smart contract, Solidity smart contract with Move Resource.
Cross-chain system	Cross-chain from Move chain to Moereum, cross-chain from EVM chain to Moereum, cross-virtual machine communication inside Moereum.
dApps	Based on three dApp frameworks, eth-scaffold, move-scaffold and move-eth hybrid framework

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Plan to Develop

2022 Q4

Support evm and movevm and xcm

2023 Q1

Improve the chain tool collection and document ecology and conduct security audits

Q2

Launch community testnet

Q3

Final comprehensive security audit

Q4

Ready to shoot Kusama Parachain

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Our Team

Why us ?

- Possess rich experience in Move-related development and teaching
- Has many move ecological partnersFamiliar with the Polkadot ecology
- Have a strong international community

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Thank you.

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