

Nano Contracts Ultimate Goal Go Multilingual!

We are pleased to announce the plans for a significant advancement for developers within the Hathor ecosystem: the introduction of Solidity and WASM compatibility. This new feature will enable developers proficient in Solidity and WASM-based languages, such as Rust—widely used on platforms like Solana, and Kaspas—to efficiently deploy their projects to Hathor. This will provide new opportunities for cross-chain applications and streamline onboarding for developers familiar with other ecosystems.

Currently, Nano Contracts on Hathor are written in Python, one of the most widely adopted programming languages globally. This foundation has made smart contract development accessible to a substantial community of Python developers, who can now apply their expertise to create innovative blockchain applications. Python's versatility, user-friendly syntax, and extensive libraries make it an ideal choice for rapid development and deployment of applications. The addition of Solidity and WASM compatibility will complement this ecosystem, inviting developers from various blockchain communities to participate in the Hathor network.

Developer engagement, user adoption, and liquidity are crucial for any blockchain. By accommodating developers from Ethereum and other Solidity – and WASM – compatible platforms, Hathor will be positioned to attract new liquidity and user engagement to the ecosystem. As developers port popular DeFi protocols and other projects to Hathor, we hope to see users from other networks follow and increase Hathor's overall network utility.

This development not only enhances accessibility but also lays the groundwork for long-term ecosystem growth. The addition of Solidity and WASM support transforms Hathor into a versatile platform suitable for both novice and experienced blockchain developers, enabling them to utilize a robust, long-running infrastructure that is both powerful and user-friendly. It serves as an invitation to creators across the web3 world to explore new possibilities with Nano Contracts and all our latest most innovative features.

Although we are still in the ideation phase, our team is actively exploring various approaches, including:

1. Compiling Solidity and Rust to machine code compatible with Hathor Nano Contracts;
2. Usage of a specific AppChain running EVM and/or other virtual machines.

These ideas are still under study and subject to refinement, but we wanted to share our vision to invite community input and spark collaborative innovation. Stay tuned as we continue this journey together and work toward a more inclusive, developer-friendly Hathor Network!