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Talk: Decentralized Off-chain Backends: How Autonolas utilizes IPFS across its stack – David M, CEO

In this talk, David M (CEO of Valory, co-creators of Autonolas) presents how Autonolas leverages IPFS to create an ideal stack for combining crypto and AI.

Autonolas is an open-source software stack for the creation of decentralized, off-chain autonomous applications, called autonomous services, that can operate continuously, interact with the world outside of blockchains, run complex logic such as ML algorithms, and are secured on-chain.

Currently, these are being used to power trust-minimized off-chain services for leading DAOs, including Balancer and Ceramic.

In this talk, David M (CEO of Valory, co-creators of Autonolas) presents how Autonolas leverages IPFS throughout its stack to:

- a) reference and retrieve code components,
- b) provide a production-grade package registry, and
- c) utilizes IPFS hashing to contribute to crypto-economic integrity of the system.

-- IPFS ping is a week-long gathering for the IPFS implementers community - April 2023, Brussels, Belgium.



Decentralized Off-chain Backends: How Autonolas utilizes IPFS across its stack to build trust-minimized off-chain services for DAOs



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