We built a Web3 WebAssembly (WASM) runtime for universally compatible smart contract APIs.

This allows protocols to implement user-friendly wrappers in a language-agnostic way.” These WASM modules, paired with a subgraph for historical data querying, combine together to create a single GraphQL schema that defines the entirety of the protocol, which the team calls a “Web3API.”

Web3APIs live on IPFS and are addressable using the Ethereum Name Service (ENS). They can be queried from any language or platform: Node, browser, C#, C/C++, Rust, Go, Python, etc.

 Decentralized apps only need to include their lightweight client to query any Web3 API. The end result: “We’re able to bring smart contracts into APIs with blazing speeds.

**Web3 Data API Features**[**​**](https://docs.moralis.io/web3-data-api/evm#web3-data-api-features)

Moralis indexes all core aspects of blockchain data and provides access to this through a suite of data-focussed API endpoints. No matter what you are building, our Web3 Data API will support the data you will need; including Blocks, Transactions, NFTs, Tokens and Balance information.

* **NFT Data:** Fetch real-time NFT metadata, ownership data, NFT transfer data, NFT prices, and much more.
* **Token Data:** Seamlessly access real-time token price, ownership and transfer data.
* **Transaction Data:** Get detailed information for any user transaction. List past transactions, and stay up to date with your user's on-chain activity.
* **Block Data:** Get the contents of any block, including transactions, internal transactions, events and logs.
* **Event & Log Data:** Granular logs and events for specific wallets and contracts.
* **DeFi Data:** Out-of-the-box liquidity reserves and pair data across multiple blockchains

**Use Cases**[**​**](https://docs.moralis.io/web3-data-api/evm#use-cases)

Our advanced feature set of Web3 Data APIs are best for those that are building crypto fintech applications, which includes:

* Wallet App
* Portfolio Trackers
* Block Explorers
* Audit & Reporting
* NFT Marketplace

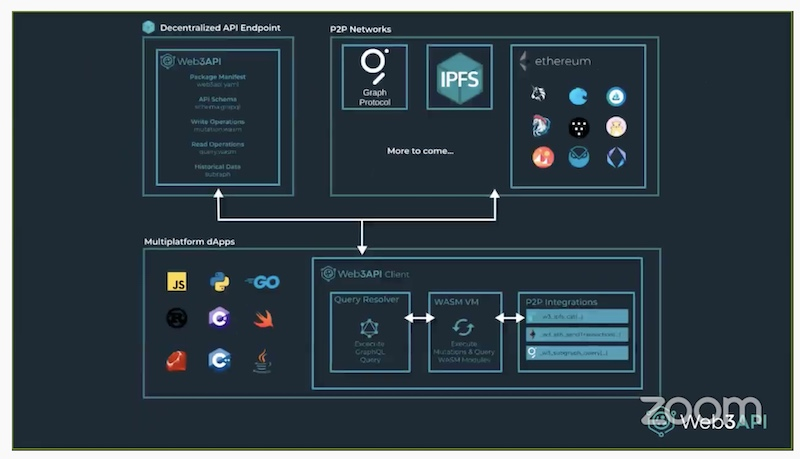
**ARCITECTURE:**

**CORE TECHNOLOGIES:**

* WASM
* GRAPHQL

**TOOLING:**

* Client libraries
* CLI
* Graph protocol

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