

Glossary of useful terms:

Language selection: Golang, Solidity, Php and Javascript,

Golang

Go is an open source programming language, created at Google in 2009, to build simple, reliable, and efficient software. Go is expressive, concise, clean, and efficient. Its concurrency mechanisms make it easy to write programs that get the most out of multicore and networked machines, while its novel type system enables flexible and modular program construction. Go compiles quickly to machine code yet has the convenience of garbage collection and the power of run-time reflection. It's a fast, statically typed, compiled language that feels like a dynamically typed, interpreted language. [<https://golang.org/doc/>]

Javascript

JavaScript (JS), is a high-level, dynamic, weakly typed, prototype-based, multi-paradigm, and interpreted programming language.

Node.js

Node.js is an open-source, cross-platform JavaScript run-time environment for executing JavaScript code server-side.

React

React is a JavaScript library for building user interfaces. It is maintained by Facebook, Instagram and a community of individual developers and corporations.

Ethereum: Solidity

Solidity is a contract-oriented, high-level language whose syntax is similar to that of JavaScript and it is designed to target the Ethereum Virtual Machine (EVM). Solidity is statically typed, supports inheritance, libraries and complex user-defined types among other features. It is used for implementing smart contracts on various blockchain platforms. Ethereum supports a Turing-complete bytecode virtual-machine, it limits you to languages that compile down to that bytecode; one of these is Solidity.

Lotion

A Javascript microframework for building blockchain applications with Tendermint, written in Javascript.

Py-Tendermint

A Python microframework for building blockchain applications with Tendermint, written in Python.