Web3.js - Ethereum JavaScript API

Contents

1 Intro

web3.js is a collection of libraries that allows you to interact with a local or remote ethereum node using HTTP, IPC or WebSocket. In the previous exercise we used Geth console cli to interact with our private blockchain network. Now we are going to build web applications usig web3.js that will interact with our blockchain network. We will take a real world application as an example and build a very primitive version of it.

1.1 `https://etherscan.io` - The Ethereum Blockchain Explorer

Etherscan is the leading BlockChain Explorer, Search, API and Analytics Platform for Ethereum.

2 Setup

2.1 Verify Node.js installation

```
node -v
npm -v
```

2.2 Clone and run the starter code

```
git clone https://github.com/ashokkmr1/etherscan-app-starter.git
cd etherscan-app-starter
npm install
npm run serve
```

2.3 Open web browser

visit, `http://localhost:8080`, you should see "Hello, World!" text.

2.4 Code Editor

Install Visual Studio Code. Also install `vetur` extension in it.

3 Code

TBD