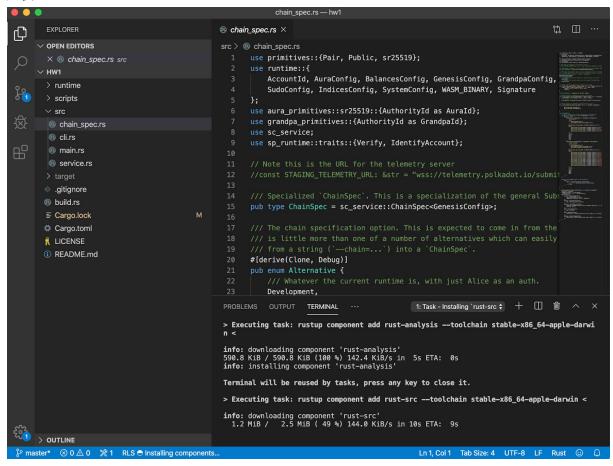
安装Rust环境

```
_ Team4 [master] rustc --version
rustc 1.39.0 (4560ea788 2019-11-04)
```

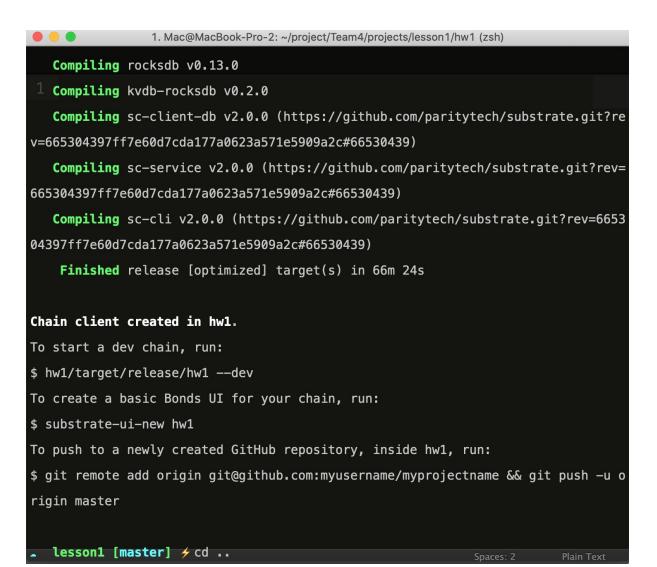
安装IDE: VSCode RUST rls



创建项目:

curl

https://raw.githubusercontent.com/paritytech/substrate-up/9c966504b4a60c2e6b9187b1189 26a12d2da9448/substrate-node-new -sSf | sh -s hw1 kuoyehs <项目名> <作者名>



从新项目启动单节点测试网络

WASM_BUILD_TYPE=release cargo run -- --dev

2019-12-17 03:07:35maIdle (0 peers), bested #17 (0x93ab...5aac), finalized #16 (0xfb2f...ecf 10), ↓ 0 **↑** 0 2019-12-17 03:07:36 Starting consensus session on top of parent 0x93ab2c90dd60c85b87a6 7d0a53ff8e5afcb5c1e862090f55fa04339810d85aac 2019-12-17 03:07:36 Prepared block for proposing at 18 [hash: 0xf25c0b85d0bd7ee766961f 6a82c7ced344c08b7b33744d77219688c1daeca8ea; parent_hash: 0x93ab...5aac; extrinsics: [0xf 539...7591]] 2019-12-17 03:07:36 Pre-sealed block for proposal at 18. Hash now 0x28ce7bff0d8ff4ff6c 8defb4f0b9e0f20b29f752e24b13f0017f48613b7e23d3, previously 0xf25c0b85d0bd7ee766961f6a8 2c7ced344c08b7b33744d77219688c1daeca8ea. 2019-12-17 03:07:36 Imported #18 (0x28ce...23d3) 2019-12-17 03:07:40 **Idle** (0 peers), best: #18 (0x28ce...23d3), finalized #17 (0x93ab...5aa c), 10 10 2019-12-17 03:07:42 Starting consensus session on top of parent 0x28ce7bff0d8ff4ff6c8d efb4f0b9e0f20b29f752e24b13f0017f48613b7e23d3 2019-12-17 03:07:42 Prepared block for proposing at 19 [hash: 0x752b44bd57c39f9675102f cd1d1d30dbf00c20907759122b7d93b339ada6a944; parent_hash: 0x28ce...23d3; extrinsics: [0xf 105...4ee6]]

2019-12-17 03:07:42 Pre-sealed block for proposal at 19. Hash now 0x11156fef70142337d1 cb26abe149c8673beedec0f2915778a0b6101bac23fe52, previously 0x752b44bd57c39f9675102fcd1 d1d30dbf00c20907759122b7d93b339ada6a944.

2019-12-17 03:07:42 Imported #19 (0x1115...fe52)

使用 https://polkadot.js.org/apps/ 连接本地测试网络并成功发起一笔转账交易

