

An abstract composition on a dark gray background. It features several diagonal lines: a white line in the upper left, a white line in the upper middle, a light gray line in the lower middle, and a bright pink line in the lower right. The word 'Substrate' is written in a bold, orange, sans-serif font, and the word 'River' is written in the same style below it.

Substrate

River



Getting Started-002

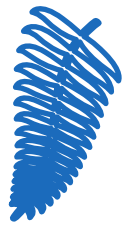
Running a Custom Node

<https://substrate.dev/substrate-collectables-workshop/#/0/running-a-custom-node>



获取指定版本的安装包

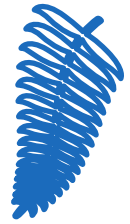
```
git clone --branch v1.0 https://github.com/substrate-developer-hub/substrate-package
```



2个文件

substrate-node-template - 后端

substrate-ui - 前端（后边会用到）



自定义node

```
cd substrate-package
```

```
./substrate-package-rename.sh substratekitties <your_name>
```



编译

```
cd substratekitties
```

```
./scripts/init.sh
```

```
./scripts/build.sh
```

```
cargo build --release
```



运行

```
./target/release/substratekitties --dev
```



控制台日志

```
2019-11-07 13:41:00 Substrate Node
2019-11-07 13:41:00   version 1.0.0-408e902-x86_64-macos
2019-11-07 13:41:00   by river, 2019
2019-11-07 13:41:00 Chain specification: Development
2019-11-07 13:41:00 Node name: delightful-attention-4536
2019-11-07 13:41:00 Roles: AUTHORITY
2019-11-07 13:41:00 Best block: #47
2019-11-07 13:41:00 Using default protocol ID "sup" because none is configured in the chain specs
2019-11-07 13:41:00 Local node identity is: QmPyvMby7PBCzVAfprDMX1J63xaU7yD8t2QfnRZ1jzdwce
2019-11-07 13:41:00 Libp2p => Random Kademlia query has yielded empty results
2019-11-07 13:41:00 Listening for new connections on 127.0.0.1:9944.
2019-11-07 13:41:00 Using authority key 5FA9nQDVg267DEd8m1ZypXLBnvN7SFxYwV7ndqSYGiN9TTpu
2019-11-07 13:41:00 Accepted a new tcp connection from 127.0.0.1:61072.
2019-11-07 13:41:03 Libp2p => Random Kademlia query has yielded empty results
2019-11-07 13:41:05 Idle (0 peers), best: #47 (0x303a...2e7c), finalized #0 (0xcbae...5d1a), ↓ 0 ↑ 0
2019-11-07 13:41:06 Accepted a new tcp connection from 127.0.0.1:61101.
2019-11-07 13:41:07 Libp2p => Random Kademlia query has yielded empty results
2019-11-07 13:41:10 Starting consensus session on top of parent 0x303a7076cea9b5a7c1a221d582ff78de7effedfb697c489ebd4f3dc204b32e7
2019-11-07 13:41:10 Prepared block for proposing at 48 [hash: 0xf6a930eb6d7308b3998b10f006539b6f191139bdd3c2409d4d45fb7d271cfcb5;
parent_hash: 0x303a...2e7c; extrinsics: [0x6c03...09f8]]
2019-11-07 13:41:10 Pre-sealed block for proposal at 48. Hash now
0xa5e344e9d5096dac0533e541100b11b28804e8fa5e9f0530682caa3c3bb1a4a9, previously
0xf6a930eb6d7308b3998b10f006539b6f191139bdd3c2409d4d45fb7d271cfcb5.
2019-11-07 13:41:10 Imported #48 (0xa5e3...a4a9)
2019-11-07 13:41:10 Idle (0 peers), best: #48 (0xa5e3...a4a9), finalized #0 (0xcbae...5d1a), ↓ 0 ↑ 0
2019-11-07 13:41:15 Idle (0 peers), best: #48 (0xa5e3...a4a9), finalized #0 (0xcbae...5d1a), ↓ 0 ↑ 0
2019-11-07 13:41:15 Libp2p => Random Kademlia query has yielded empty results
2019-11-07 13:41:20 Starting consensus session on top of parent 0xa5e344e9d5096dac0533e541100b11b28804e8fa5e9f0530682caa3c3bb1a4a
2019-11-07 13:41:20 Prepared block for proposing at 49 [hash: 0xde7e9b8b1a823e5926697edeb4dcdee9e8f82cc4e7ad5e67cbcf5b5bccd34146d;
parent_hash: 0xa5e3...a4a9; extrinsics: [0x0991...0026]]
2019-11-07 13:41:20 Pre-sealed block for proposal at 49. Hash now
0x57da02f949b8d2d2a15653cb82ff3f769f3425f8479e54975f8be4cbe8779154, previously
0xde7e9b8b1a823e5926697edeb4dcdee9e8f82cc4e7ad5e67cbcf5b5bccd34146d.
```



Substrate

River

Thanks