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User manual:Running a local instance of Trezor Wallet backend (Blockbook)

From Trezor Wiki

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You can install and run Blockbook on your computer. With Trezor Wallet installed and running as a local instance, you can be completely independent from connecting to SatoshiLabs servers.

To install it on Linux, please use this step-by-step guide:

1. To install Blockbook, you will need to use Linux Debian version 9 (Stretch) or later.

Before you start installing Blockbook, please check the latest blockchain size for your cryptocurrency and be sure to have this amount + approximately 60% - 70% of the size of the blockchain for the blockbook available on your hard drive.

Switch to root privileges before proceeding with the installation.

2. Install docker using this guide:

```
https://docs.docker.com/install/linux/docker-ce/debian/
```

3. Clone blockbook git:

```
git clone https://github.com/trezor/blockbook
```

4. Go to blockbook directory and run:

```
make all-<coin> (e.g., make all-bitcoin)
```

5. Go to blockbook/build directory and run:

```
apt install <package name> (e.g., apt install backend-bitcoin_0.16.1-satoshilabs1_amd64.deb)
```

6. Now you can start synchronizing with the network:

```
systemctl start backend-<coin>.service (e.g., systemctl start backend-bitcoin.service)
```

7. If you want to check the status of your synchronizing go to /opt/coins/data/<coin>/backend (eg., /opt/coins/data/bitcoin/backend) and check the status in debug.log file.

8. If the blockchain is fully synchronized, you can start installing your Blockbook. Go to the directory blockbook/build and run:

```
apt install <blockbook package> (e.g., apt install blockbook-bitcoin_0.0.6_amd64.deb)
```

9. Run Blockbook:

```
systemctl start blockbook-<coin>.service (e.g., systemctl start blockbook-bitcoin.service)
```

10. Blockbook is now synchronizing with your blockchain, you can check the status in /opt/coins/blockbook/<coin>/logs/blockbook.INFO (eg. /opt/coins/blockbook/bitcoin/logs/blockbook.INFO) or by visiting https://localhost:<blockbook public port> (e.g., https://localhost:9130↗ for bitcoin)

11. After full synchronization, your Blockbook is now running at the localhost port.

12. Now you can connect your Trezor Wallet to your local Blockbook instance by using a custom backend:

```
Wallet settings - Bitcore Server URL - https://localhost:<blockbook public port> (e.g.,
https://localhost:9130↗ for Bitcoin)
```

> ***Important*** *Blockbook uses a self-signed certificate. It is necessary to go to the address in your browser, confirm the certificate, and then add the address to your wallet.*

See this table **(https://github.com/trezor/blockbook/blob/master/docs/ports.md)** *for used ports*

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