

Ubuntu Setup

1. Install Requirements
2. `sudo apt-get update`
3. `sudo apt-get install inotify-tools && sudo apt install make && sudo apt install g++`
4. `sudo apt-get install libudev-dev zip unzip build-essential cmake -y`
5. `sudo apt-get install git \`
6. `automake \`
7. `libtool inotify-tools \`
8. `libgmp-dev \`
9. `libgmp10 \`
10. `build-essential \`
11. `cmake -y`

1. Install ASDF
2. Clone ASDF Plugin

`git clone https://github.com/asdf-vm/asdf.git ~/.asdf` 1. Edit your ubuntu profile

`nano .profile` 1. add this line in end break

`. HOME/.asdf/asdf.sh` and `ctrl + x` (or Save) 1. Refresh your profile after the update

`source ~/.profile` 1. Test active asdf after refresh

`asdf version`

`v0.13.1-fad23bc` Note : Response following successful install 1. Add asdf plugin for erlang, elixir, and nodejs 2.

`asdf plugin add erlang`

`asdf plugin add elixir`

`asdf plugin add nodejs`

1. install additional prerequisites
- 2.

`sudo apt-get -y install build-essential autoconf m4 libncurses5-dev libwxgtk3.0-gtk3-dev libwxgtk-webview3.0-gtk3-dev libgl1-mesa-dev libglu1-mesa-dev libpng-dev libssh-dev unixodbc-dev xsltproc fop libxml2-utils libncurses-dev openjdk-11-jdk`

1. Install PostgreSQL-14
2. `curl -fsSL https://www.postgresql.org/media/keys/ACCC4CF8.asc | sudo gpg --dearmor -o /etc/apt/trusted.gpg.d/postgresql.gpg`
3. `sudo sh -c 'echo "deb http://apt.postgresql.org/pub/repos/apt (lsb_release -cs)-pgdg main" > /etc/apt/sources.list.d/pgdg.list'`
4. `sudo apt update`
5. `sudo apt install postgresql-14`
6. `sudo systemctl status postgresql`
- 7.

1. Add user and database in postgres-14
2. Create user on localpc or server
- 3.

`adduser dbusername` Note: Replace dbusername with your username.

1. You will be prompted to create a new profile, just follow the flow.
2. After Adduser now connect to postgres-14
- 3.

`su - postgres` (for Root) or `sudo -i -u postgres` (for user)

1. Display when entering postgres user section looks like this in terminal
- 2.

postgres@ubuntu:~

1. Create user
- 2.

createuser --interactive dbusername

1. Create database
- 2.

createdb blockscout

1. connect to psql
- 2.

psql

1. Create Password database in dbusername Note
- 2.

ALTER USER dbusername WITH PASSWORD 'dbuserpassword'; Note : Replace dbusername and dbuserpassword that you created

1. Create Privileges on dbusername to database
- 2.

GRANT ALL PRIVILEGES ON DATABASE blockscout TO dbusername;

Note: Replace dbusername

1. exit psql
- 2.

\q

1. Exit to profile postgresql
- 2.

postgres@ubuntu:~ exit

1. Restart postgresql
- 2.

sudo systemctl restart postgresql

1. Check new profile that you created at start of adduser replacing dbusername with your username.
- 2.

su - dbusername (for Root) or sudo su - dbusername (for user) Note : Replace your dbusername

1. Run this command
- 2.

psql -d blockscout

1. If everything is correct, you will see this response
- 2.

blockscout=#

1. Quit psql
- 2.

\q

1. Exit for Database Account page
- 2.

dbusername@ubuntu:~ exit

1. Install Rustup / Cargo

After Setup Database, You can Install Rust before installing Blockscout

...

Copy `curl --proto '=https' --tlsv1.2 -sSf https://sh.rustup.rs | sh`

...

1. After installing everything, clone the Blockscout repository and install .tool-version from the repository
2. Clone Repository Blockscout
- 3.

`git clone https://github.com/blockscout/blockscout blockscout-backend`

1. Enter to folder clone blockscout
- 2.

`cd blockscout-backend`

1. Install plugin requirements Erlang, Elixir, and Nodejs before install blockscout backend
- 2.

`asdf install`

You are ready for manual deployment![Proceed to step 3 in the "Prepare the Backend section"](#)

Last updated 2 months ago