

Installing Phoenix on Ubuntu

First, make sure you have Elixir installed – which you should if you are following this course from the start.

Then, let's go ahead and set up the requirements for Phoenix.

```
sudo apt install curl -y
```

```
# install postgres on ubuntu with apt
```

```
sudo apt install postgresql postgresql-contrib
```

```
service postgresql status
```

```
sudo -i -u postgres    # enter postgres
```

```
psql postgres
```

```
\password postgres    # Set password to 'postgres'
```

```
\q                    # back to bash
```

```
# Install Node (needed for assets)
```

```
curl -o- https://raw.githubusercontent.com/creationix/nvm/v0.33.11/install.sh | bash
```

```
export NVM_DIR="$HOME/.nvm" ; [ -s "$NVM_DIR/nvm.sh" ] && \. "$NVM_DIR/nvm.sh"
```

```
# This loads nvm ... also put in bash_profile
```

```
nvm install --lts
```

```
nvm use --lts
```

```
# inotify-tools for live reload
```

```
sudo apt install inotify-tools
```

```
# Lets get Phoenix
```

```
cd ~
```

```
mix local.hex
```

```
mix local.rebar --force
```

```
mix archive.install https://github.com/phoenixframework/archives/raw/master/phx_new.ez
```

```
mkdir elixir-phoenix
```

```
cd elixir-phoenix
```

```
mix phx.new hello
```

```
cd hello
```

```
mix deps.get
```

```
mix ecto.create
```

```
cd assets  
npm install  
cd ..
```

```
mix phx.server
```

Then, open your browser to <http://localhost:4000/> to see the Phoenix welcome page.

“Elixir and Phoenix: Real World Functional Programming”

Video Course by Dr. Nauman

<http://recluze.net/learn>