Installing Phoenix on Mac

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.

Install Postgres

Since we have already installed homebrew before, let's just that to set up Postgres.

```
brew install postgres
brew services start postgresql

# We also need to create the postgres user
# since it's not automatically created by brew
createuser -d postgres

# In case of connection errors, set the password
# psql -U postgres
# ALTER USER postgres PASSWORD 'postgres';
```

Install Node.js

This can be done easily through NVM

```
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
```

Setting Up Phoenix

Open your favorite terminal and issue the following commands.

```
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

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