

EXPRESS GEN

mkdir myapp
cd my app
express --ejs
npm install
npm start

GIT

check .gitignore
git status
git add .
git commit -m "first commit"
git push

Setup KNEX + PGSQL

npm install -g knex
npm install --save knex pg

Create knexfile.js

Containing what?

Create knex.js

Containing what?

Model our data domain with ERD

Create Knex migrations

knex migrate:make mytablename

Run Knex migrations

knex migrate:latest

Verify in psql CLI tool

git status
git add .
git commit -m "migrations created"

Create Knex Seeds

knex seed:make 01_mytablename

Seed the DB

knex seed:run

Verify in psql CLI tool

git status
git add .
git commit -m "seeds created"

Create new route file for each entity by duplicating an existing route

Link up route files by adding app.use() lines to app.js

Test a GET route for one entity
Test 404 handling
npm start

Stub out routes for GET/POST/PUT/DELETE in your route file with simple JSON replies

Test them out with POSTman or HTTPie

git status
git add .
git commit -m "basic routes work"

Make GET route read from DB

Make POST route save to DB

Make PUT route update DB

Make DELETE route delete from DB

Test them out with POSTman or HTTPie

git status
git add .
git commit -m "routes+db works"

Create HTML/JS in ./public which will issue AJAX calls to our routes

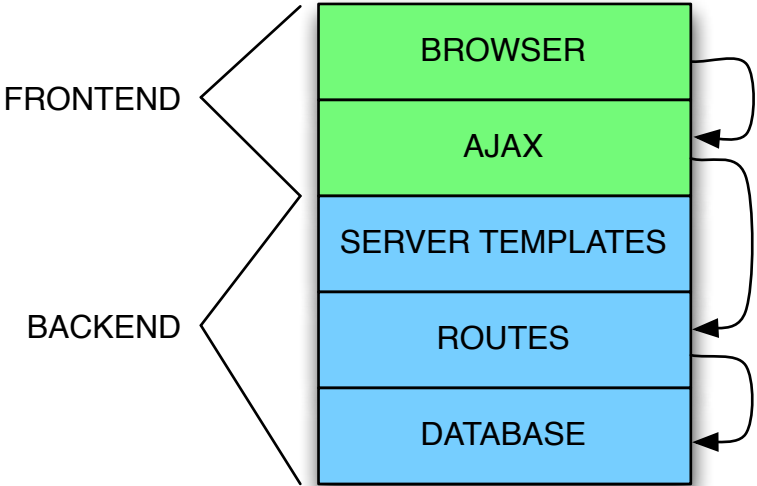
Write AJAX call to GET route, change the DOM

Write AJAX call to POST route, change the DOM

Write AJAX call to PUT route, change the DOM

Write AJAX call to DELETE route, change the DOM

git status
git add .
git commit -m "front+back+db works!"



Need a diagram showing all the modules, pieces dataflow