**Update everything**

Sudo apt update

Node -v

sudo apt-get **update**

sudo apt install curl -**y**

curl https://get.docker.**com** | sudo bash

**Install everything**

**Angular**

**Sudo apt install npm**

npm uninstall -g angular-cli @angular/cli

npm cache clean

npm install -g @angular/cli@latest

**local project package**

npm install --save-dev @angular/cli@latest

if npm version > 5.0 delete package-lock.json file ( bug in npm 5.0 - this file prevent correct packages install)

npm install

**clone github repo’s**

git clone https://github.com/spring-petclinic/spring-petclinic-angular.git

git clone https://github.com/spring-petclinic-rest

**cd into petclinic-angular**

ng serve

sudo apt update

**cd..**

<http://localhost:4200/>  
curl -sL <https://deb.nodesource.com/setup_16.x> -o /tmp/nodesource\_setup.sh

nano /tmp/nodesource\_setup.sh

sudo bash /tmp/nodesource\_setup.sh

sudo apt install nodejs

**cd into petclinic-angular**

ng serve

npm install

npm install --save-dev @angular/cli@latest

npm audit fix

npm audit fix --force

ng update

npx @angular/cli@13 update @angular/core@13 @angular/cli@13

npm install

npx @angular/cli@12 update @angular/core@12 @angular/cli@12 --allow-dirty --force

npx @angular/cli@13 update @angular/core@13 @angular/cli@13 --allow-dirty --force

ng serve

**backend**

**cd into petclinic-rest**

docker run -p 9966:9966 springcommunity/spring-petclinic-rest

**change application.properties line 19 to mysql in backend**

**install nginx**

**put this within http tags**

server {

listen 80 default\_server;

root /usr/share/nginx/html;

index index.html;

location /petclinic/ {

alias /usr/share/nginx/html/petclinic/dist/;

try\_files $uri$args $uri$args/ /petclinic/index.html;

}

}