



GitHub



spring tool suite

FRONTEND

TEMPLATE
COMPONENT
SERVICE
INTERFACE

ROUTING/NAVIGATION
LOCALSTORAGE
RXjs OBSERVABLES



angular 5



node.js & npm



angular cli

"npm start"

http://localhost:4200

RESTful API
GET PUT POST DELETE
 JWT

/api/login
token1

/api/refresh
token2

/api/whoami

/api/change-password

/api/user/all

/api/user/1

SERVER



spring boot

maven

"run springboot app"

http://localhost:8080

ROLE users
API endpoint
protected



Dbeaver
Sql universal
client

<https://nodejs.org/es/>

<https://github.com/angular/angular-cli>

ng build -prod → /dist files
.htaccess



<https://git-scm.com/downloads>

<https://spring.io/tools>

<https://dbeaver.jkiss.org/>

<https://jwt.io/>

