## Heroku

heroku

Web: https://www.heroku.com/

Heroku es una plataforma de computación en la nube que soporta diferentes tipos de lenguajes de programación y permite desplegar, alojar, supervisar y escalar las aplicaciones.

#### Características:

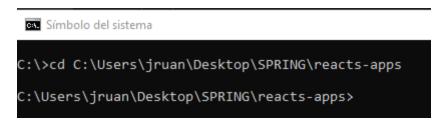
Permite el uso de diferentes lenguajes de programación

Integra diferentes servicios

### Despliegue de una aplicación React

#### Creamos nuestra aplicación React:

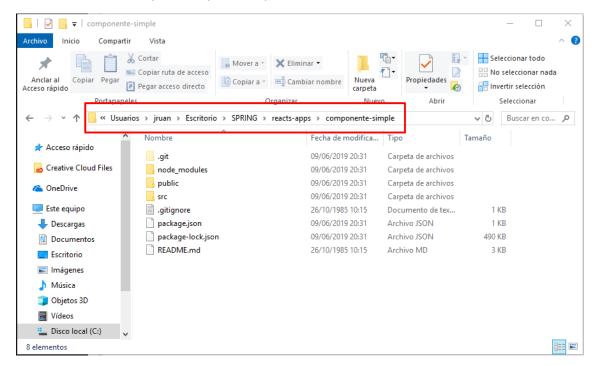
Nos dirigimos al directorio donde queremos crear nuestra aplicación.



Creamos nuestra app React con: create-react-app componente-simple

```
C:\Users\jruan\Desktop\SPRING\reacts-apps>create-react-app componente-simple
Creating a new React app in C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple.
Installing packages. This might take a couple of minutes.
Installing react, react-dom, and react-scripts...
   core-js@2.6.9 postinstall C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple\node_modules\babel-runtime\node
odules\core-js
      odules\core-js
node scripts/postinstall || echo "ignore"
    core-js-pure \ensuremath{\emptyset} 3.1.3\ postinstall\ C:\Users\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumber\pronumb
   react-dom@16.8.6
react@16.8.6
react-scripts@3.0.1
dded 1405 packages in 336.858s
 Initialized a git repository.
 Success! Created componente-simple at C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple
Inside that directory, you can run several commands:
            Starts the development server.
      npm run build
  Bundles the app into static files for production.
      npm test
Starts the test runner.
     npm run eject
Removes this tool and copies build dependencies, configuration files
and scripts into the app directory. If you do this, you can't go back!
       suggest that you begin by typing:
      cd componente-simple
   lappy hacking!
```

Vamos a la ruta de la aplicación para ver que nos la ha creado correctamente.



Modificamos el fichero index.js

#### Descargar e instalar git:

https://git-scm.com/download/win

# Downloading Git



#### Your download is starting...

You are downloading the latest (2.22.0) 64-bit version of Git for Windows. This is the most recent maintained build. It was released 1 day ago, on 2019-06-08

If your download hasn't started, click here to download manually.

#### Other Git for Windows downloads

Git for Windows Setup 32-bit Git for Windows Setup.

64-bit Git for Windows Setup.

Git for Windows Portable ("thumbdrive edition") 32-bit Git for Windows Portable.

64-bit Git for Windows Portable.

The current source code release is version 2.22.0. If you want the newer version, you can build it from the source code.

Establecemos nuestro nombre de usuario y email de Git

git config --global user.name "jruano\*\*\*\*"

git config --global user.email jruano\*\*\*@\*\*\*\*.com

```
Símbolo del sistema

C:\>git config --global user.name "jruano"

C:\>git config --global user.email jruano
```

#### Descargar e instalar Heroku CLI

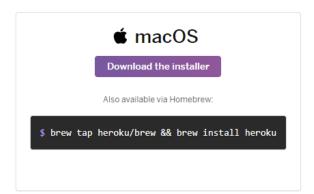
https://devcenter.heroku.com/articles/heroku-cli

#### Download and install

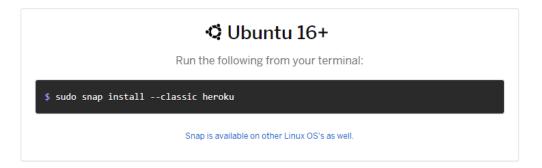


The Heroku CLI requires Git, the popular version control system. If you don't already have Git installed, complete the following before installing the CLI:

- Git installation
- · First-time Git setup







#### Verificar que está instalado heroku --version

```
Administrador: Símbolo del sistema

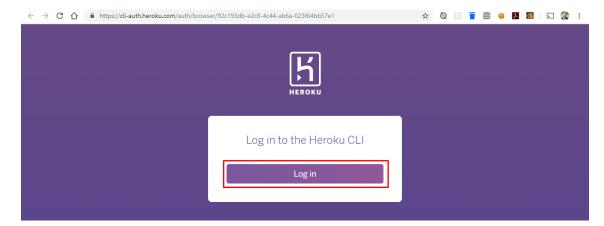
C:\>heroku --version
heroku/7.25.0 win32-x64 node-v11.14.0
```

#### Iniciar sesión en heroku heroku login

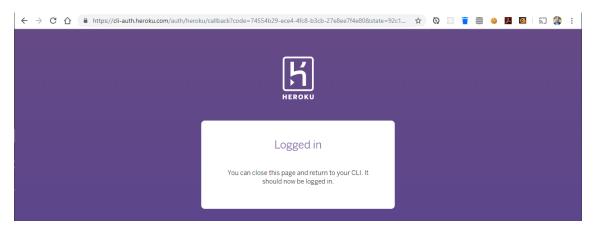
```
Administrador Símbolo del sistema - heroku login

C:\>heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/92c193db-e2c8-4c44-ab6a-023f64bb57e1
heroku: Waiting for login... /
```

Nos abre una página para que inicies sesión.



Nos solicita que cierres la página que se ha abierto anteriormente.



E iniciamos nuestra sesión.

```
C:\>heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/9bc834b5-ae67-42f8-b9a1-565e7bd8e6e8
Logging in... done
Logged in as jruano
```

Nos dirigimos al directorio donde esta nuestra aplicación para crear un repositorio git:

#### git init

```
C:\>heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/9bc834b5-ae67-42f8-b9a1-565e7bd8e6e8
Logging in... done
Logged in as jruanous com
C:\>cd C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple
C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple>git init
Initialized empty Git repository in C:/Users/jruan/Desktop/SPRING/reacts-apps/componente-simple/.git/
```

Añadimos los ficheros del directorio con:

git add.

```
C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple>git add .

warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in RADME.md.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in package-lock.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in package.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in public/index.html.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in public/manifest.json.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/App.css.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/App.js.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/App.js.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/App.test.js.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/Index.css.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/Index.js.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/Index.js.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/Index.js.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/logo.svg.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/logo.svg.
The file will have i
```

Comiteamos la aplicación:

Git commit -m "initial commit"

```
Administrador Símbolo del sistema

C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple>git commit -m "initial commit"

[master (root-commit) daba1ba] initial commit

14 files changed, 13144 insertions(+)
create mode 100644 .gitignore
create mode 100644 README.md
create mode 100644 package-lock.json
create mode 100644 package.json
create mode 100644 public/favicon.ico
create mode 100644 public/index.html
create mode 100644 public/manifest.json
create mode 100644 src/App.css
create mode 100644 src/App.test.js
create mode 100644 src/App.test.js
create mode 100644 src/index.css
create mode 100644 src/index.js
create mode 100644 src/logo.svg
create mode 100644 src/logo.svg
create mode 100644 src/serviceWorker.js
```

Creamos la aplicación de heroku, este nombre debe de ser único y como máximo tiene que tener 30 caracteres.

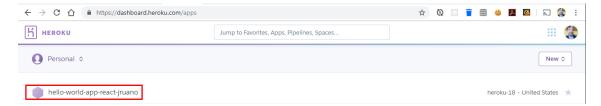
heroku create hello-world-app-react-jruano

```
Administrador: Símbolo del sistema — — X

C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple>heroku create hello-world-app-react-jruano

Creating © hello-world-app-react-jruano... done
https://hello-world-app-react-jruano.herokuapp.com/ | https://git.heroku.com/hello-world-app-react-jruano.git
```

Como podemos ver en nuestro panel de administración de heroku la ha creado



Desplegamos nuestra aplicación con:

git push heroku master

```
Administrador: Símbolo del sistema
C:\Users\jruan\Desktop\SPRING\reacts-apps\componente-simple>git push heroku master
C: Obers () ruan (Desktop (SPRING (Reacts-apps (Componente-simple))g
Enumerating objects: 18, done.
Counting objects: 100% (18/18), done.
Delta compression using up to 8 threads.
Compressing objects: 100% (18/18), done.
Writing objects: 100% (18/18), 137.67 KiB | 3.28 MiB/s, done.
Total 18 (delta 0), reused 0 (delta 0)
remote: Compressing source files... done.
remote: Building source:
 emote: ----> Node.js app detected
  emote:
 remote: ----> Creating runtime environment remote:
  emote:
                      NPM_CONFIG_LOGLEVEL=error
                     NODE_ENV=production
NODE_MODULES_CACHE=true
NODE_VERBOSE=false
 emote:
  emote:
 emote:
  emote:
 engines.npm (package.json):
 emote:
                                                                  unspecified (use default)
                      Resolving node version 10.x...
Downloading and installing node 10.16.0...
Using default npm version: 6.9.0
  emote:
 emote:
 emote:
                      Installing dependencies
Installing node modules (package.json + package-lock)
 emote:
 emote:
                      > core-js@2.6.9 postinstall /tmp/build_6a1bd0dff90939e063fea406fc516059/node_modules/babel-runtime/no
  emote:
 de modules/core-is
  emote:
                      > node scripts/postinstall || echo "ignore"
 emote:
                      > core-js-pure@3.1.3 postinstall /tmp/build_6a1bd0dff90939e063fea406fc516059/node_modules/core-js-pur
  emote:
```

Nos dice que ha ido bien.

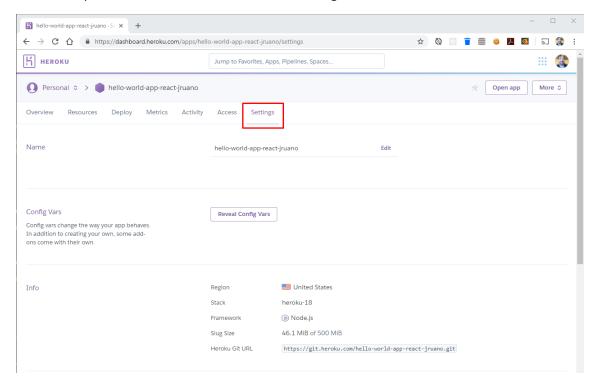
```
remote: ----> Caching build
remote:
              - node_modules
remote:
remote: ----> Pruning devDependencies
             audited 888973 packages in 11.375s
remote:
              found 0 vulnerabilities
remote:
remote:
remote:
remote: ----> Build succeeded!
remote: ----> Discovering process types
              Procfile declares types
remote:
                                           -> (none)
              Default types for buildpack -> web
remote:
remote:
remote: ----> Compressing...
              Done: 46.1M
remote:
remote: ----> Launching...
remote:
              Released v3
              https://hello-world-app-react-jruano.herokuapp.com/ deployed to Heroku
remote:
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/hello-world-app-react-jruano.git
  [new branch]
                    master -> master
```

Si vamos a nuestra dirección para ver que tenemos desplegada la aplicación.

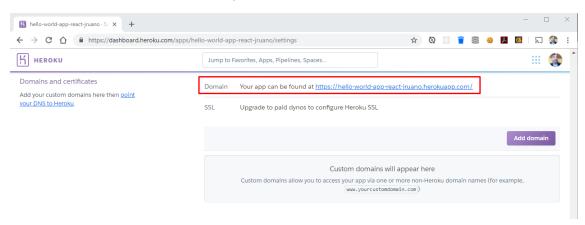
https://hello-world-app-react-jruano.herokuapp.com/



En nuestro panel de administración si vamos a Settings.



Podemos ver el dominio de nuestra aplicación.

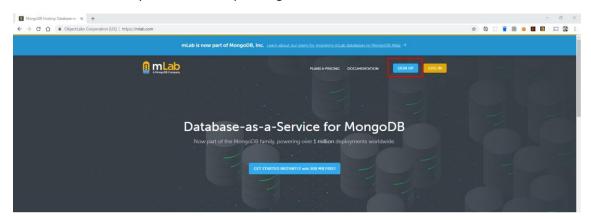


# Despliegue de una aplicación Rest en Java con Spring boot y mongodb

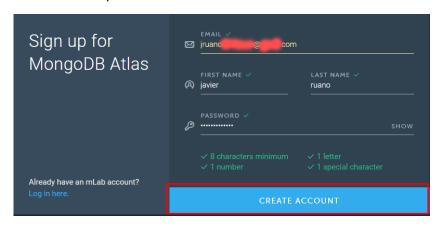
#### Creamos nuestra base de datos en mlab:

https://mlab.com/

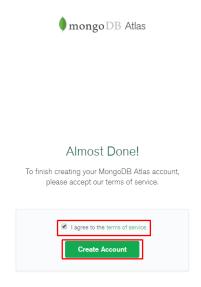
Accedemos a la web y hacemos click para registrarnos.



Completamos el formulario y hacemos click en create account.



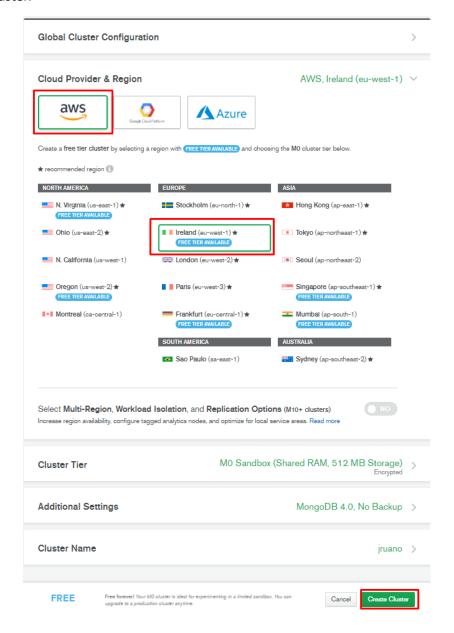
Aceptamos los términos del servicio.



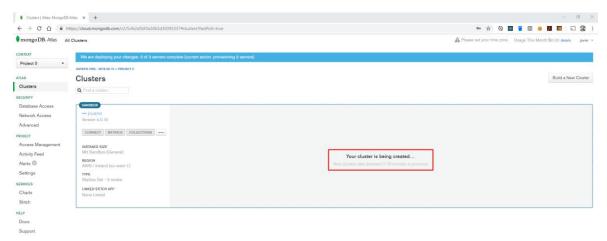
Podemos cerrar el siguiente mensaje para que nos ofrezcan ayuda o proseguir con una pequeña ayuda, hacemos click en Build my first cluster.



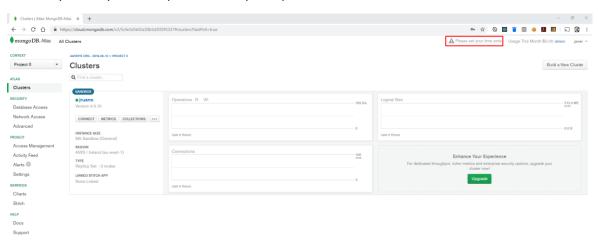
Elegimos la configuración global, en nuestro caso gratuita y desde Europa y hacemos click en Create Cluster.



Nos dirigirá a nuestra pantalla de administración donde nos informa de que debemos esperar unos minutos a que se cree el Cluster.



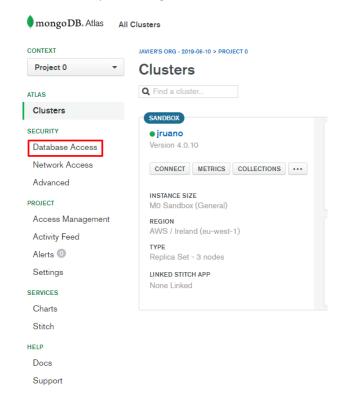
Una vez ya se haya creado podemos empezar por introducir nuestra zona horaria.



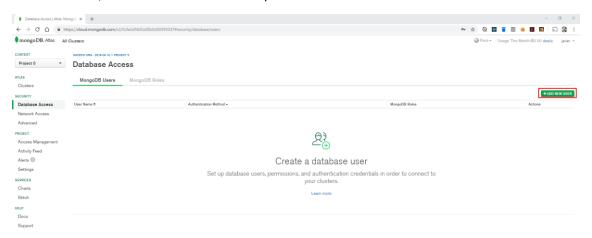
Seleccionamos parís y hacemos click en Set.



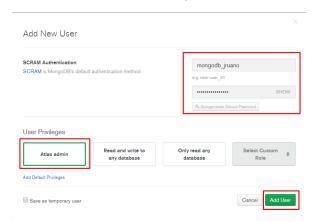
Hacemos click en Database Access para configurar nuestra base de datos en mongo.



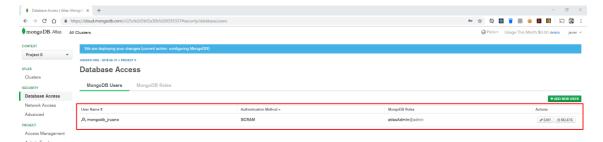
Primeramente, añadimos nuestro usuario para ello hacemos click en Add new user.



Completamos el formulario de creación del usuario y hacemos click en Add User.



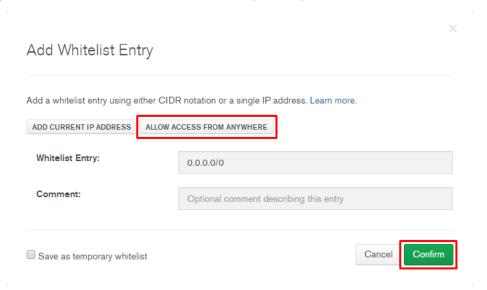
Y como vemos se nos ha creado nuestro usuario.



Ahora debemos de configurar las direcciones IPs que tendrán acceso a nuestra base de datos haciendo click en Network Access y después en Add ip address.



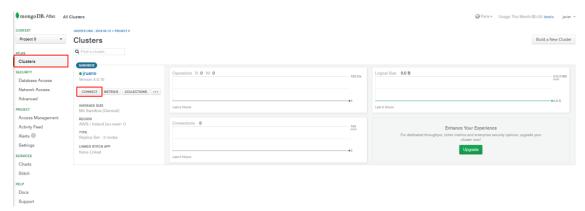
Al ser una prueba haremos click en que cualquier dirección se pueda conectar, si fuera un entorno real añadiríamos la dirección o direcciones que quisiéramos que se conectaran a la bd por lo que hacemos click en Allow Access from anywhere y click en Confirm.



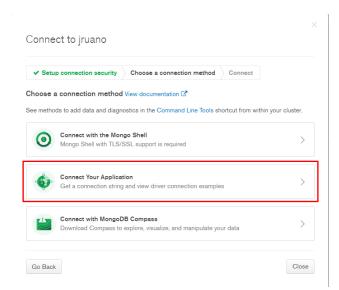
Y como vemos se añade a nuestro panel.



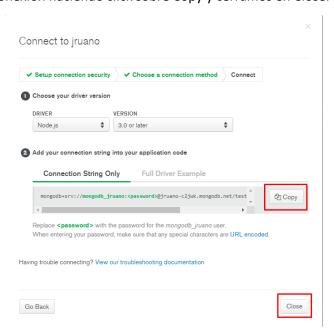
Ahora volveríamos a Clusters y haríamos click en connect.



Y nos aparecen tres opciones, usar la consola, conectar la aplicación o usar un cliente gráfico (MongoDB Compass), seleccionamos conectar nuestra aplicación haciendo click sobre Connect Your Application.



Copiamos nuestra conexión haciendo click sobre Copy y cerramos en Close.

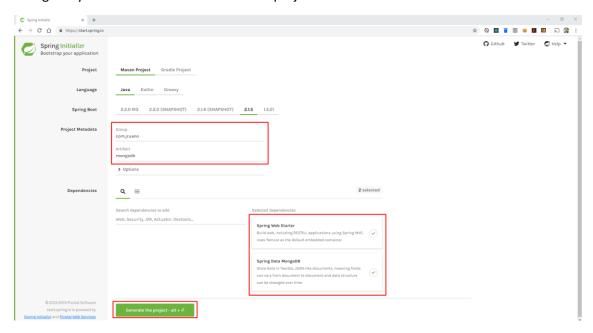


#### **Creamos nuestro Servicio REST con Spring Boot:**

Nos dirigimos a la web de spring initializr

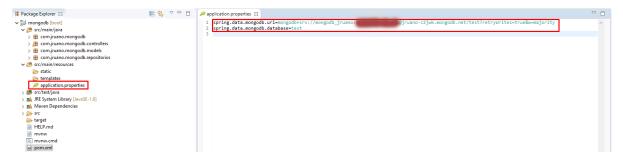
#### https://start.spring.io/

Nombramos la paquetería, añadimos las dependencias Spring Web Starter, Spring Data MongoDB y hacemos click en Generate the project.

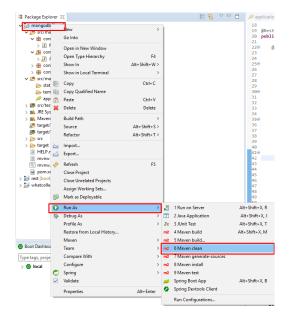


Desarrollamos nuestra aplicación, una vez la tengamos acabada procedemos a añadir la conexión a nuestra bd de mongo, lo que ya podemos hacer es ir a nuestra aplicación en Spring boot y añadir la conexión a nuestro fichero de properties o yaml.

mongodb+srv://mongodb\_jruano:<password>@jruano-c2jwk.mongodb.net/test?retryWrites=true&w=majority

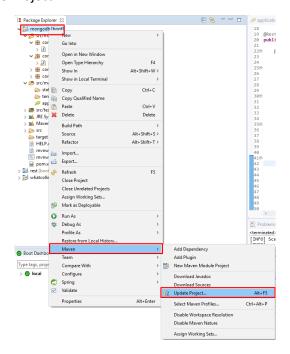


Hacemos maven clean mediante click botón derecho sobre nuestro proyecto, vamos a Run as y click en Maven clean.



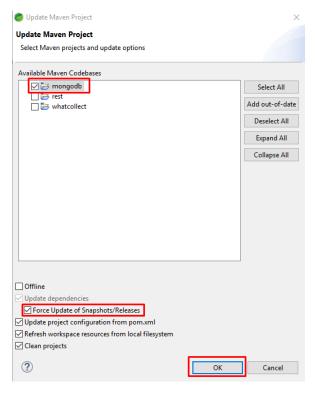
Vemos que ha acabado correctamente.

Hacemos Update Project, haciendo click botón derecho sobre nuestro proyecto, vamos a Maven y click en Update Project.

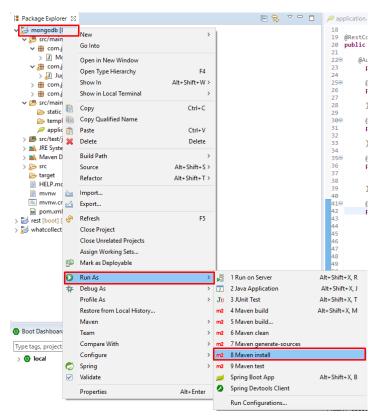


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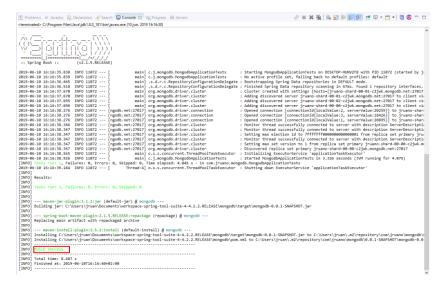
Seleccionamos nuestro proyecto y marcamos Force Update of Snapshots/Releases y click en OK



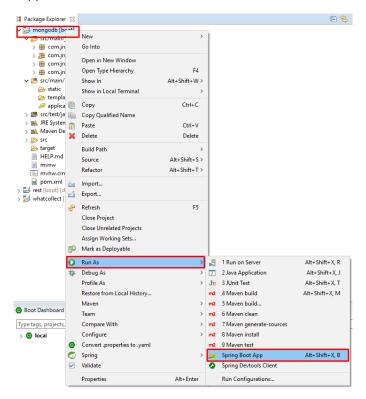
Realizamos el maven install para generar nuestro .jar para ello hacemos click derecho sobre nuestro proyecto, vamos a Ruan As y click en Maven install.



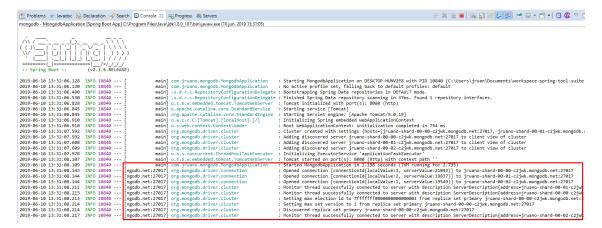
Vemos que todo ha ido bien.



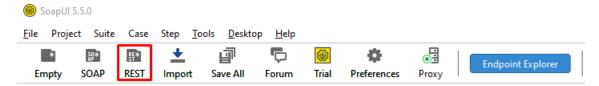
Seguidamente arrancamos nuestra aplicación spring boot en local para probar que la conexión funciona correctamente, haciendo click derecho sobre el proyecto, y seleccionando Run As, click en Spring Boot App.



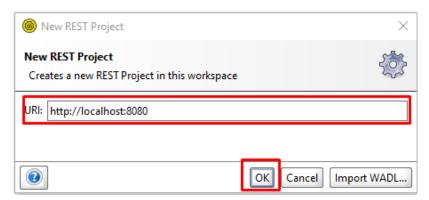
Vemos que arranca y conecta correctamente.



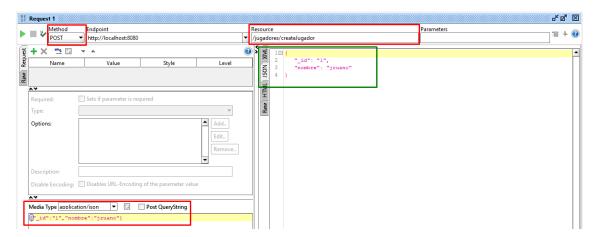
Iniciamos Soap UI para probar nuestra aplicación REST está conectada a la bd de mongo en remoto, hacemos click sobre REST.



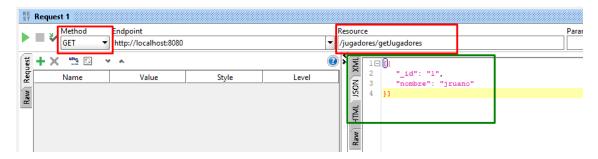
Añadimos nuestra dirección http://localhost:8080 y hacemos click en OK.



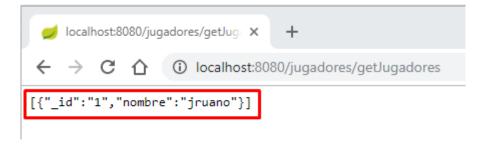
Realizamos una inserción en bd a través de POST sobre nuestra api REST, y como vemos en el recuadro verde se ha insertado correctamente.



Ahora igualmente llamamos a la petición que nos devuelve todos los jugadores a través de GET y como vemos nos devuelve el jugador insertado.



Igualmente, desde el navegador podemos ver el resultado

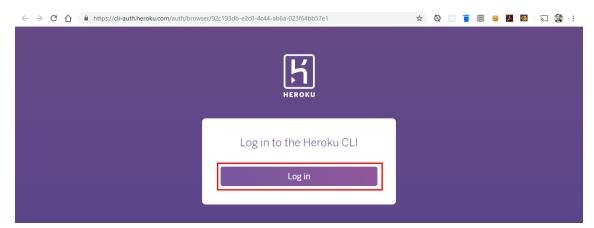


Ahora procedemos al despliegue para ello iniciamos sesión en heroku con:

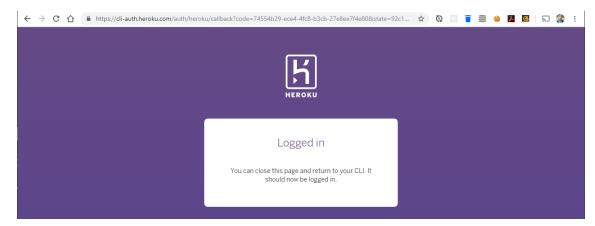
#### heroku login



Nos abre una página para que inicies sesión.



Nos solicita que cierres la página que se ha abierto anteriormente.



#### E iniciamos nuestra sesión.

```
Administrador: Símbolo del sistema — X

C:\>heroku login
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/browser/9bc834b5-ae67-42f8-b9a1-565e7bd8e6e8
Logging in... done
Logged in as jruand com
```

Nos dirigimos al directorio donde esta nuestra aplicación para crear un repositorio git:

#### git init

```
C:\>cd C:\Users\jruan\Documents\workspace-spring-tool-suite-4-4.2.2.RELEASE\mongodb

C:\Users\jruan\Documents\workspace-spring-tool-suite-4-4.2.2.RELEASE\mongodb>git init
Initialized empty Git repository in C:/Users/jruan\Documents/workspace-spring-tool-suite-4-4.2.2.RELEASE/mongodb/.git/
```

Añadimos los ficheros del directorio con:

#### git add.

```
C:\Users\jruan\Documents\workspace-spring-tool-suite-4-4.2.2.RELEASE\mongodb>git add .

warning: LF will be replaced by CRLF in .gitignore.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in .mvn/wrapper/MavenWrapperDownloader.java.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in .mvn/wrapper/maven-wrapper.properties.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in mvnw.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in mvnw.cmd.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in pom.xml.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/main/java/com/jruano/mongodb/MongodbApplication.java.
The file will have its original line endings in your working directory.
warning: LF will be replaced by CRLF in src/main/resources/application.properties.
The file will have its original line endings in your working directory.
iwarning: LF will be replaced by CRLF in src/main/resources/application.properties.
The file will have its original line endings in your working directory.
iwarning: LF will be replaced by CRLF in src/test/java/com/jruano/mongodb/MongodbApplicationTests.java.
The file will have its original line endings in your working directory.
```

#### Comiteamos la aplicación:

Git commit -m "initial commit"

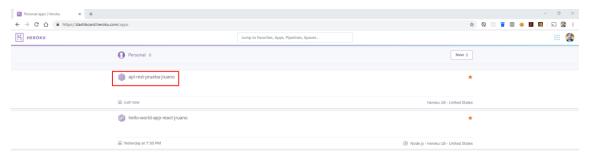
```
C:\Users\jruan\Documents\workspace-spring-tool-suite-4-4.2.2.RELEASE\mongodb>git commit -m "initial commit"
[master (root-commit) 97716c1] initial commit
13 files changed, 789 insertions(+)
create mode 100644 .gitignore
create mode 100644 .mvn/wrapper/MavenWrapperDownloader.java
create mode 100644 .mvn/wrapper/maven-wrapper.jar
create mode 100644 .mvn/wrapper/maven-wrapper.properties
create mode 100644 mvnw
create mode 100644 mvnw
create mode 100644 pom.xml
create mode 100644 pom.xml
create mode 100644 src/main/java/com/jruano/mongodb/MongodbApplication.java
create mode 100644 src/main/java/com/jruano/mongodb/controllers/JugadoresController.java
create mode 100644 src/main/java/com/jruano/mongodb/repositorios/JugadoresRepository.java
create mode 100644 src/main/java/com/jruano/mongodb/mongodbApplicationTests.java
create mode 100644 src/main/java/com/jruano/mongodb/MongodbApplicationTests.java
```

Creamos la aplicación de heroku, este nombre debe de ser único y como máximo tiene que tener 30 caracteres.

heroku create api-rest-prueba-jruano

```
C:\Users\jruan\Documents\workspace-spring-tool-suite-4-4.2.2.RELEASE\mongodb>heroku create api-rest-prueba-jruano
Creating © api-rest-prueba-jruano... done
https://api-rest-prueba-jruano.herokuapp.com/ | https://git.heroku.com/api-rest-prueba-jruano.git
```

Como podemos ver en nuestro panel de administración de heroku la ha creado.



Desplegamos nuestra aplicación con:

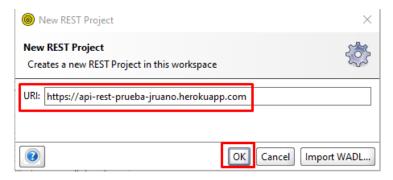
git push heroku master

```
C:\Users\jruan\Documents\workspace-spring-tool-suite-4-4.2.2.RELEASE\mongodb>git push heroku master
Enumerating objects: 32, done.
Counting objects: 100% (32/32), done.
Delta compression using up to 8 threads.
Compressing objects: 100% (23/23), done.
Writing objects: 100% (32/32), 51.05 KiB | 4.25 MiB/s, done.
Total 32 (delta 0), reused 0 (delta 0)
remote: Compressing source files... done.
remote: Building source:
remote: Building source:
remote: ----> Java app detected
remote: ----> Installing JDK 1.8... done
remote: ----> Executing: ./mwnw -DskipTests clean dependency:list install
remote: [INFO] Scanning for projects...
remote: [INFO] Downloading from central: https://repo.maven.apache.org/maven2/org/springframework/boot/spring-boot
t-starter-parent/2.1.5.RELEASE/spring-boot-starter-parent-2.1.5.RELEASE.pom
```

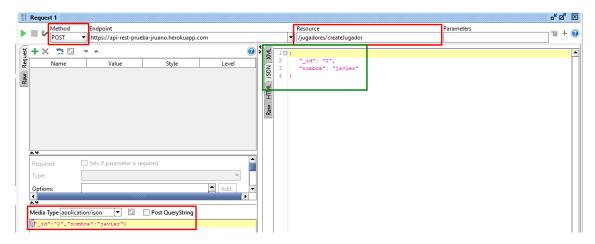
Nos dice que ha ido bien.

```
Símbolo del sistema
-utils/0.4/maven-shared-utils-0.4.jar (155 kB at 6.0 MB/s)
remote: [INFO] Installing /tmp/build_eb403f71a78a197ae99458a78cd129f5/target/mongodb-0.0.1-SNAPSHOT.jar to /app/t
mp/cache/.m2/repository/com/jruano/mongodb/0.0.1-SNAPSHOT/mongodb-0.0.1-SNAPSHOT.jar
remote: [INFO] Installing /tmp/build_eb403f71a78a197ae99458a78cd129f5/pom.xml to /app/tmp/cache/.m2/repository/co
m/jruano/mongodb/0.0.1-SNAPSHOT/mongodb-0.0.1-SNAPSHOT.pom
                                                                                                         | INFO| ENDISHED SUCCESS | INFO| Total time: 1 | INFO| Finished at: 2 | INFO| Finished at: 
    emote:
       emote:
emote:
                                                                                                                                                     Total time: 15.899 s
Finished at: 2019-06-10T13:53:28Z
       emote:
emote:
       emote:
emote:
                                                                                                       Discovering process types
Procfile declares types -> (none)
Default types for buildpack -> web
       emote:
emote:
                                                                                                      Compressing...
Done: 69.1M
Launching...
Released v3
       emote:
emote:
         emote:
                                                                                                         https://api-rest-prueba-jruano.herokuapp.com/ deployed to Heroku
       emote:
       emote: Verifying deploy... done.
o https://git.heroku.com/api-rest-prueba-jruano.git
* [new branch] master -> master
```

Abrimos Soap UI, y creamos una nueva conexión REST.



Realizamos una inserción en bd a través de POST sobre nuestra api REST, y como vemos en el recuadro verde se ha insertado correctamente.



Lanzamos una petición GET en la web para ver que funciona correctamente.

https://api-rest-prueba-jruano.herokuapp.com/jugadores/getJugadores

