

DESPLIEGUE DE UNA APLICACIÓN EN LA NUBE USANDO HEROKU

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TRABAJO PRESENTADO AL DOCENTE

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NOTA: SE REALIZARON TODOS LOS PASOS PARA EJECUTAR LA APLICACIÓN EN HEROKU PERO AL MOMENTO DE ABRIR LA APLICACIÓN SALIO UN ERROR INESPERADO Y DIFÍCIL DE ENTENDER.(ABAJO PANTALLAZO)

```
PS C:\Users\winsof\Desktop\run\demo> gradle bootRun

> Task :bootRun

  ____  _
 / ___|| | | |
| |___| |_| |
 \___ \|  __/
      |_|_|_|

:: Spring Boot ::
                    (v2.6.6)

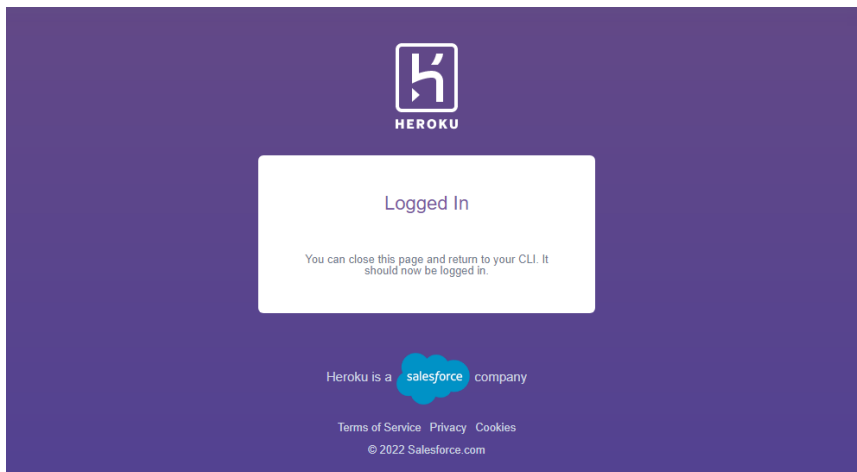
2022-04-02 22:18:42.891 INFO 1160 --- [
    using Java 18 on DESKTOP-E6JJACB with PID 1160 (C:\Users\winsof\Desktop\run\demo\build\classes\java\main started by win
sof in C:\Users\winsof\Desktop\run\demo)
2022-04-02 22:18:42.891 INFO 1160 --- [
    main] com.example.springboot.Application : No active profile se
t, falling back to 1 default profile: "default"
2022-04-02 22:18:44.043 INFO 1160 --- [
    main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat initialized w
ith port(s): 8080 (http)
2022-04-02 22:18:44.059 INFO 1160 --- [
    main] o.apache.catalina.core.StandardService : Starting service [To
mcat]
2022-04-02 22:18:44.059 INFO 1160 --- [
    main] org.apache.catalina.core.StandardEngine : Starting Servlet eng
ine: [Apache Tomcat/9.0.60]
2022-04-02 22:18:44.168 INFO 1160 --- [
    main] o.a.c.c.C.[Tomcat].[localhost].[/] : Initializing Spring
embedded WebApplicationContext
2022-04-02 22:18:44.168 INFO 1160 --- [
    main] w.s.c.ServletWebServerApplicationContext : Root WebApplicationC
ontext: initialization completed in 1199 ms
2022-04-02 22:18:44.725 INFO 1160 --- [
    main] o.s.b.w.embedded.tomcat.TomcatWebServer : Tomcat started on po
rt(s): 8080 (http) with context path ''
2022-04-02 22:18:44.741 INFO 1160 --- [
    main] com.example.springboot.Application : Started Application
in 2.324 seconds (JVM running for 2.723)
Let's inspect the beans provided by Spring Boot:
application
applicationAvailability
applicationTaskExecutor
basicErrorController
beanNameHandlerMapping
beanNameViewResolver
characterEncodingFilter
commandLineRunner
conversionErrorViewResolver
defaultServletHandlerMapping
defaultViewResolver
dispatcherServlet
dispatcherServletRegistration
error
errorAttributes
errorPageCustomizer
```



[UAN](#)
[Login - UAN](#)
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Greetings from Spring Boot!

```
PS C:\Users\winsof\Desktop\run> heroku login
> Warning: heroku update available from 7.53.0 to 7.60.1.
heroku: Press any key to open up the browser to login or q to exit:
Opening browser to https://cli-auth.heroku.com/auth/cli/browser/86353a87-2dc9-4845-8734-814b450b634c?requestor=SFMyNTY.g2gDbQAAAA8yMDEuNTg1LjIzMC4xNDhuBgBAE6ftfwFIAAFRgA.H0cv28x7hr4ri1YLcCS-5hmiDnbfuxzDUWx8Gyl8WE
Logging in... done
Logged in as wittcheller-fuel@gmail.com
PS C:\Users\winsof\Desktop\run>
```



```
PS C:\Users\winsof\Desktop\run> git init
Initialized empty Git repository in C:/Users/winsof/Desktop/run/.git/
PS C:\Users\winsof\Desktop\run> git status
On branch master

No commits yet

Untracked files:
  (use "git add <file>..." to include in what will be committed)
    demo/

nothing added to commit but untracked files present (use "git add" to track)
PS C:\Users\winsof\Desktop\run> git add .
warning: LF will be replaced by CRLF in demo/.gitignore.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/build.gradle.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/gradle/wrapper/gradle-wrapper.properties.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/gradlew.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/settings.gradle.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/src/main/java/com/example/springboot/Application.java.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/src/main/java/com/example/springboot/HelloController.java.
The file will have its original line endings in your working directory
warning: LF will be replaced by CRLF in demo/src/main/resources/application.properties.
The file will have its original line endings in your working directory
```

```
warning: LF will be replaced by CRLF in demo/src/test/java/com/example/demo/DemoApplicationTests.java.
The file will have its original line endings in your working directory
PS C:\Users\winsof\Desktop\run> git status
On branch master

No commits yet

Changes to be committed:
  (use "git rm --cached <file>..." to unstage)
    new file:   demo/.gitignore
    new file:   demo/build.gradle
    new file:   demo/gradle/wrapper/gradle-wrapper.jar
    new file:   demo/gradle/wrapper/gradle-wrapper.properties
    new file:   demo/gradlew
    new file:   demo/gradlew.bat
    new file:   demo/settings.gradle
    new file:   demo/src/main/java/com/example/springboot/Application.java
    new file:   demo/src/main/java/com/example/springboot/HelloController.java
    new file:   demo/src/main/resources/application.properties
    new file:   demo/src/test/java/com/example/demo/DemoApplicationTests.java

PS C:\Users\winsof\Desktop\run> █
```

```
new file:   demo/src/test/java/com/example/demo/DemoApplicationTests.java
PS C:\Users\winsof\Desktop\run> git commit -m "prueba heroku"
[master (root-commit) b2bcc7f] prueba heroku
11 files changed, 450 insertions(+)
create mode 100644 demo/.gitignore
create mode 100644 demo/build.gradle
create mode 100644 demo/gradle/wrapper/gradle-wrapper.jar
create mode 100644 demo/gradle/wrapper/gradle-wrapper.properties
create mode 100644 demo/gradlew
create mode 100644 demo/gradlew.bat
create mode 100644 demo/settings.gradle
create mode 100644 demo/src/main/java/com/example/springboot/Application.java
create mode 100644 demo/src/main/java/com/example/springboot/HelloController.java
create mode 100644 demo/src/main/resources/application.properties
create mode 100644 demo/src/test/java/com/example/demo/DemoApplicationTests.java
PS C:\Users\winsof\Desktop\run> git status
On branch master
nothing to commit, working tree clean
PS C:\Users\winsof\Desktop\run> heroku create
» Warning: heroku update available from 7.53.0 to 7.60.1.
Creating app... done, ⬢ shrouded-chamber-10095
https://shrouded-chamber-10095.herokuapp.com/ | https://git.heroku.com/shrouded-chamber-10095.git
PS C:\Users\winsof\Desktop\run> git push heroku master
Enumerating objects: 28, done.
Counting objects: 100% (28/28), done.
Delta compression using up to 4 threads
Compressing objects: 100% (17/17), done.
Writing objects: 100% (28/28), 59.83 KiB | 6.65 MiB/s, done.
Total 28 (delta 0), reused 0 (delta 0), pack-reused 0
```

```
Compressing objects: 100% (17/17), done.
Writing objects: 100% (28/28), 59.83 KiB | 6.65 MiB/s, done.
Total 28 (delta 0), reused 0 (delta 0), pack-reused 0
remote: Compressing source files... done.
remote: Building source:
remote:
remote: -----> Building on the Heroku-20 stack
remote: -----> Determining which buildpack to use for this app
remote: -----> Gradle app detected
remote: -----> Spring Boot detected
remote: -----> Installing JDK 1.8... done
remote: -----> Building Gradle app...
remote: -----> executing ./gradlew build -x check
remote:      Downloading https://services.gradle.org/distributions/gradle-7.4.1-bin.zip
remote:      .....10%.....20%.....30%.....40%.....50%.....60%.....70%.....80%.....
.....90%.....100%
remote:      To honour the JVM settings for this build a single-use Daemon process will be forked. See https://docs.gradle.org/7.4.1
/userguide/gradle_daemon.html#sec:disabling_the_daemon.
remote:      Daemon will be stopped at the end of the build
remote:      > Task :compileJava
remote:      > Task :processResources
remote:      > Task :classes
remote:      > Task :bootJarMainClassName
remote:      > Task :bootJar
remote:      > Task :jar
remote:      > Task :assemble
remote:      > Task :build
remote:
remote:      BUILD SUCCESSFUL in 25s
remote:      5 actionable tasks: 5 executed
```

```
remote:
remote:      BUILD SUCCESSFUL in 25s
remote:      5 actionable tasks: 5 executed
remote: ----> Discovering process types
remote:      Procfile declares types -> (none)
remote:      Default types for buildpack -> web
remote:
remote: ----> Compressing...
remote:      Done: 68M
remote: ----> Launching...
remote:      Released v3
remote:      https://shrouded-chamber-10095.herokuapp.com/ deployed to Heroku
remote:
remote: Verifying deploy... done.
To https://git.heroku.com/shrouded-chamber-10095.git
* [new branch]      master -> master
PS C:\Users\winsof\Desktop\run>
```

dashboard.heroku.com/apps/shrouded-chamber-10095

HEROKU

Jump to Favorites, Apps, Pipelines, Spaces...

shrouded-chamber-10095

Overview Resources Deploy Metrics Activity Access Settings

Installed add-ons **\$0.00/month** [Configure Add-ons](#)

Latest activity [All Activity](#)

There are no add-ons for this app
You can add add-ons to this app and they will show here.
[Learn more](#)

mitchellorjuela@gmail.com: Deployed b2bcc7f4
Yesterday at 11:41 PM · v3

mitchellorjuela@gmail.com: Build succeeded
Yesterday at 11:40 PM · [View build log](#)

shrouded-chamber-10095.herokuapp.com

Application error

An error occurred in the application and your page could not be served. If you are the application owner, [check your logs for details](#).
You can do this from the Heroku CLI with the command
`heroku logs --tail`

HEROKU

SUBIR PROYECTO A GITHUB

```
PS C:\Users\winsof\Desktop\run> git remote add origin https://github.com/corjuela12/despliegue-usando-heroku.git
PS C:\Users\winsof\Desktop\run> git push -u origin main
Enumerating objects: 28, done.
Counting objects: 100% (28/28), done.
Delta compression using up to 4 threads
Compressing objects: 100% (17/17), done.
Writing objects: 100% (28/28), 59.83 KiB | 5.98 MiB/s, done.
Total 28 (delta 0), reused 0 (delta 0), pack-reused 0
To https://github.com/corjuela12/despliegue-usando-heroku.git
 * [new branch]      main -> main
branch 'main' set up to track 'origin/main'.
PS C:\Users\winsof\Desktop\run>
```