

# TALLER CLIENTES Y SERVICIOS

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## Abstract

This document is the solution of a guide that introduce to client-service using a framework created by use, it use the logic of micro-framework Spark, and it has to be deployed on heroku.

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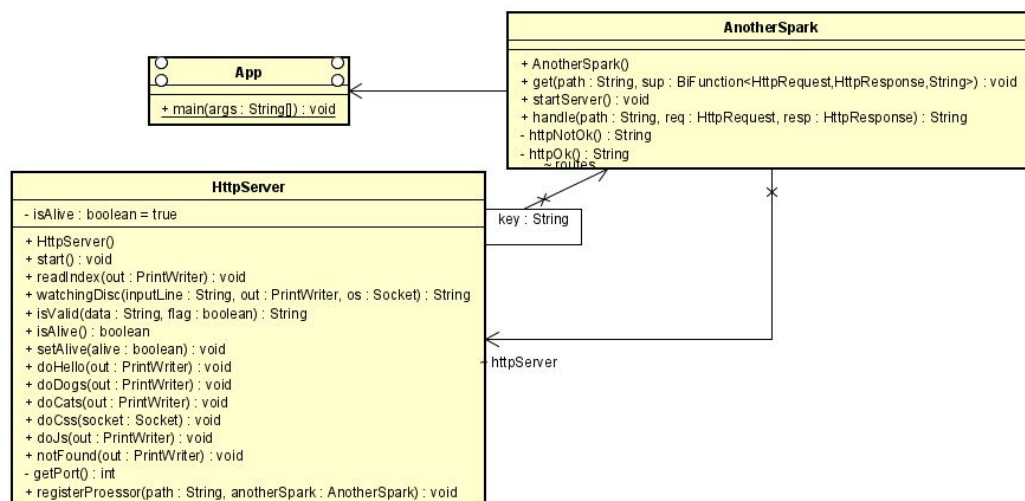
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## 1 Introduction

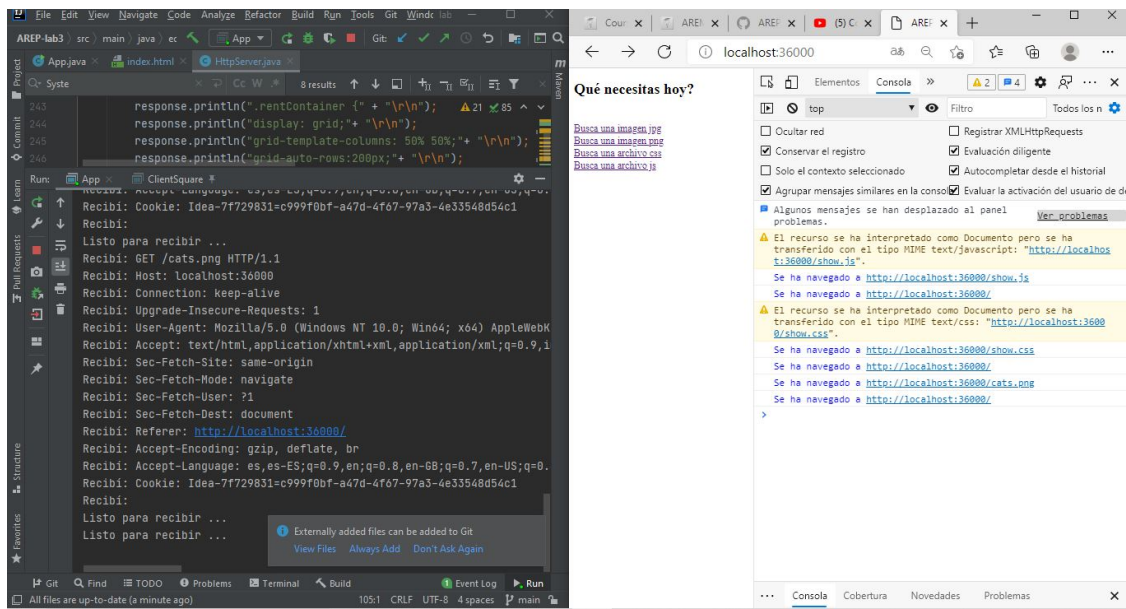
This guide has the intention of make a framework like Spark, but it only use the http method (get), the idea her is do a deploy in heroku creating this service.for this case, the java version is 11 because it use a libraries for functions lambda available on java 11, the idea is learn a little bit more about distributes systems.

## 2 Design

It has a structure, where it use a class call App, this class contain the lambda methods that call the httpServer, this server start once the program storage all tokens and methods to do wit function lambda. Then the service search if we have storage in disk files o petitions that people do to this system, you can find html, css, js, png and jpg files, if theres a path that is not storage there is another class call AnotherSpark, it returns at ok, or not ok html file .



The web site has a links inside of a group of text that reference you to another page that contain the new data, for example, a image, a css or js file.



## 2.1 Http server

A http server is piece of software that can interpret the protocol http, in this case is static, because it has a relation one-one, it means that it gonna give you the information that it has stored, with this you can do petitions in the browser and if the server has the information stored it return that, other case it will launch the famous 404, well, if it is well configure.

## 3 Conclusion

For this laboratory, create a framework with http get method is hard when you cant read properly the headers that contain the files, even when you return it you have to create some new pieces because heroku need reed it, also you have to control the httpServer, even if it is not parallel or concurrent. Learn hot to create web pages with use of a framework create by us, and how to deploy in heroku.

## 4 References

- [1] Benavides, P. L. D. (2021). TALLER CLIENTES Y SERVICIOS. Arquitectura empresarial, Bogotá, Colombia.
- [2] Sebastian Nieto (2021). Tomado de: <https://github.com/sebastianNietoMolina/AREP-lab2>
- [3] Benavides, P. L. D. (2021). ¿CÓMO CONSTRUIR UN SERVIDOR WEB QUE FUNCIONE EN HEROKU?