

Project 2 – Lab -Ambulance service

Labs – Ambulance service:

This communication will also be a 1-way communication. The lab will send data to the ambulance service:

- the name and the test number (a way to identify the test) of people infected
- some more information about infected people (other problems?), for how long he has been sick...
- geographical position more precisely (which city is the lab in?)

1. There is a directory for the Lab server: Server.

In this directory, you will find the list of people that are infected in the file `listinfected.html`:

Version : 8

List of people infected by the Coronavirus:

[Etienne000]
[Alice001]
[Pierre010]
[Aymeric011]
[Joe100]
[William101]
[Pierre110]
[Axel111]

It contains the number of the version, which is the number of people tested in the lab.

And then the identifier of the people infected in order to be unique. (two Pierre → Pierre010 and Pierre110).

I will add more details like the geographical position but it is details for now.

In this directory, you will also find files related to people that are infected (`personX.html`):

Etienne000
Tested: Positive
Age: 24ans
Diseases: No known problem

I should add the number of the test in the future.

As it is now only one lab could communicate with the ambulance service since the name of the file will be the same for all labs (`person1`, `person2...`). I will maybe add a way for it to be unique.

1. There is a directory for the Ambulance service server: Client.

In this directory, you will find the list of people that are infected in the file `listinfected.html`:

Version : 4

List of people infected by the Coronavirus:

[Etienne000]
[Alice001]
[Pierre010]
[Aymeric011]

It contains the number of the version, which is the number of people tested in the lab for as long as the ambulance service knows.

In this directory, you will also find files related to people that are infected (`personX.txt`):

Etienne000
Tested: Positive
Age: 24ans

Diseases: No known problem

For the people that the lab already sent us the information.

TEST:

If you want to test my servers:

Don't touch the server directory.

In the client directory, you should delete all the personX.txt files.

Copy the listinfected.html file from the main directory Lab_amb_communication and copy it in the client directory by suppressing the old one.

Make the Lab server run ("ready to receive").

Make the Ambulance Service server run.

In the client directory you should now have all the personX.txt files. In the listinfected.html it should now be up to date in term of the version!

I still have to update the content of it by adding the identifier of the listinfected.html server side.