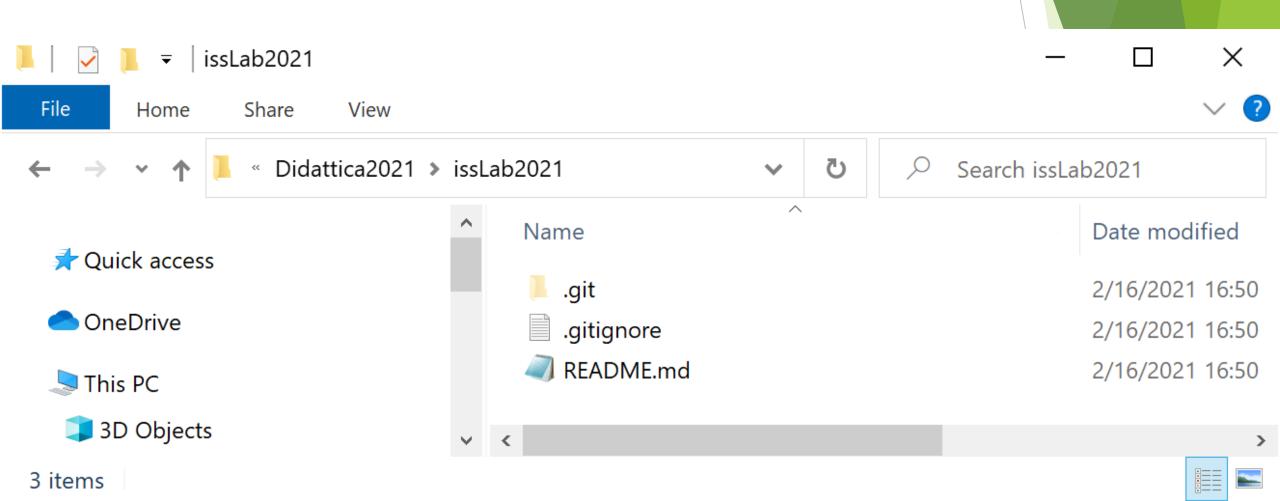
72939 - INGEGNERIA DEI SISTEMI SOFTWARE M

LABORATORIO

https://www.unibo.it/it/didattica/insegnamenti/insegnamento/2020/385373

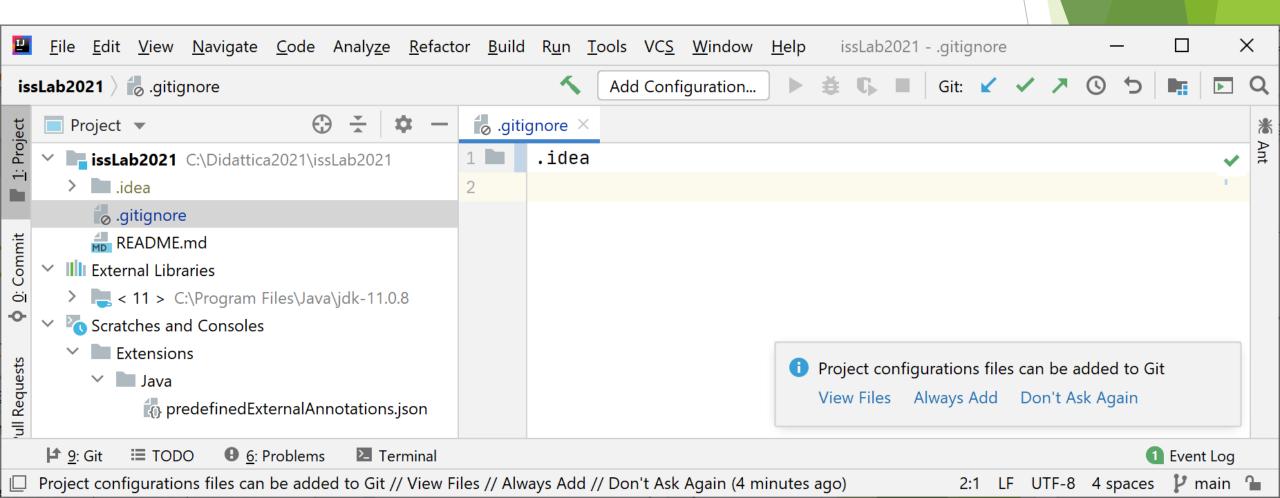
https://github.com/anatali/issLab2021

Lab creation on git

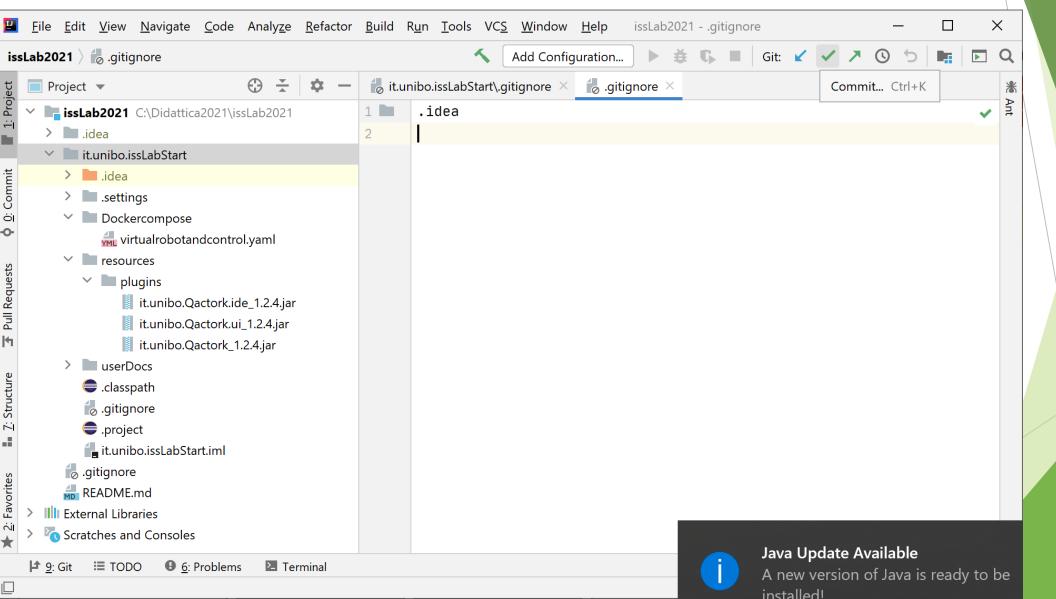


Open in IntelliJ

.gitignore created on github by selecting Java, then changed



Copy a project (it.unibo.issLabStart)



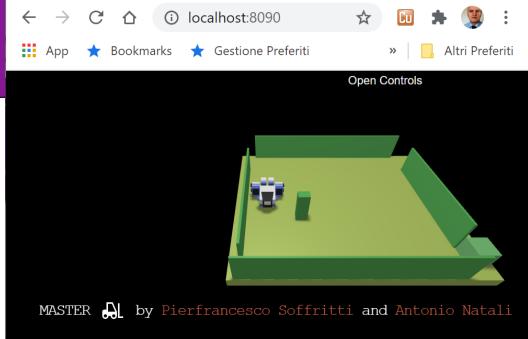
Run the WEnv

```
Viola - docker-compose -f virtualrobotandcontrol.yaml up wenv
C:\Didattica2021\issLab2021\it.unibo.issLabStart\Dockercompose>docker ps -a
CONTAINER ID
               IMAGE
                          COMMAND
                                    CREATED
                                              STATUS
                                                         PORTS
                                                                   NAMES
C:\Didattica2021\issLab2021\it.unibo.issLabStart\Dockercompose>docker-compose -f virtualrobotandcontrol.yaml up wenv
Creating network "dockercompose default" with the default driver
                                                                                                                                    X
                                                                                                                               Creating dockercompose wenv 1 ... done
                                                                                           ttaching to dockercompose wenv 1
wenv 1
                   WebpageServer WebGLScene
                                                 socketIndex=-1
                                                                                                (i) localhost:8090
wenv 1
                   WebpageServer WebGLScene
                                                 connection socketIndex=0
                                                                                                   ★ Gestione Preferiti
                                                                                                                              Altri Preferiti
                                               MASTER-webpage ready
                   WebpageServer WebGLScene
wenv 1
                                                                                                                    Open Controls
```

docker-compose -f virtualrobotandcontrol.yaml up wenv

Localhost:8090

docker-compose -f virtualrobotandcontrol.yaml down

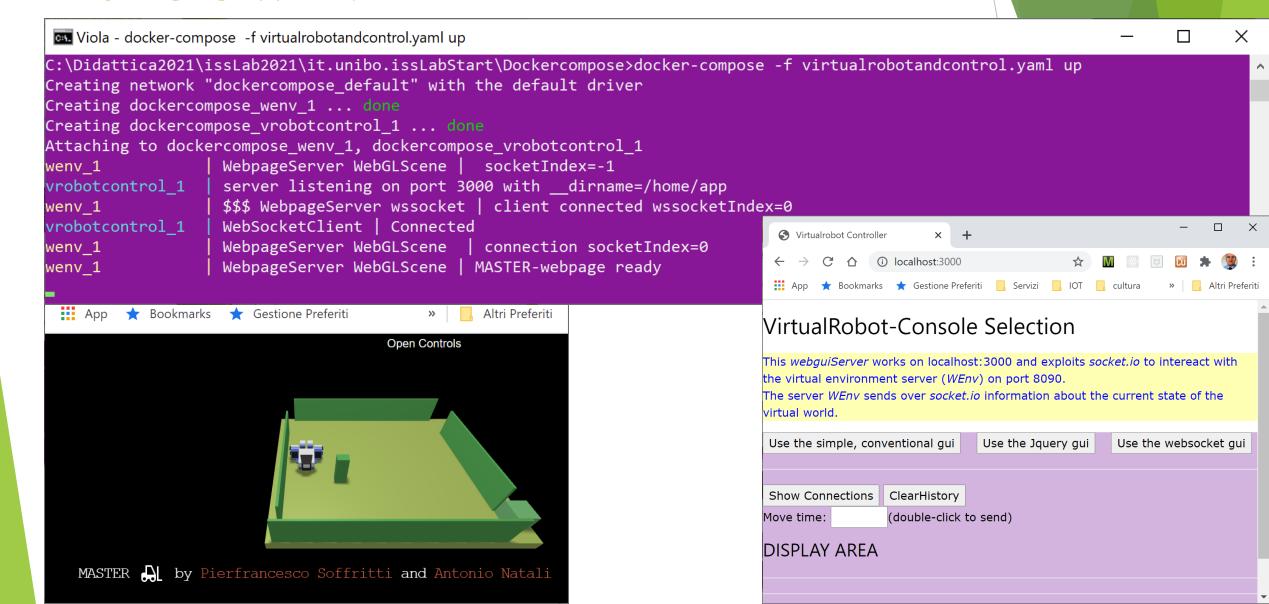


Run the WEnv +

docker-compose -f virtualrobotandcontrol.yamlup

Localhost:8090

Localhost:3000



Requirement

Build an application that moves the virtual robot

TestPlan

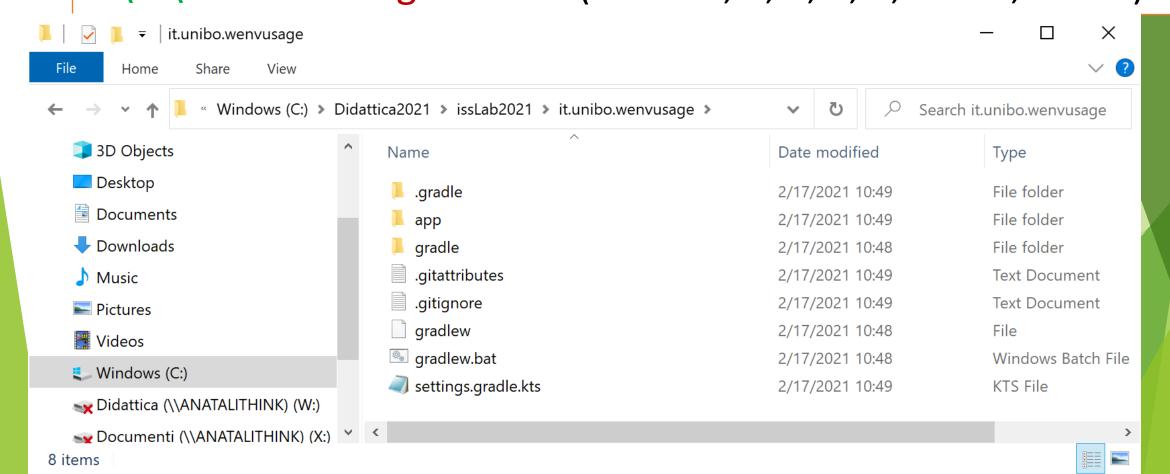
Check that the requested move has been completed with success or that it is failed

Analysis

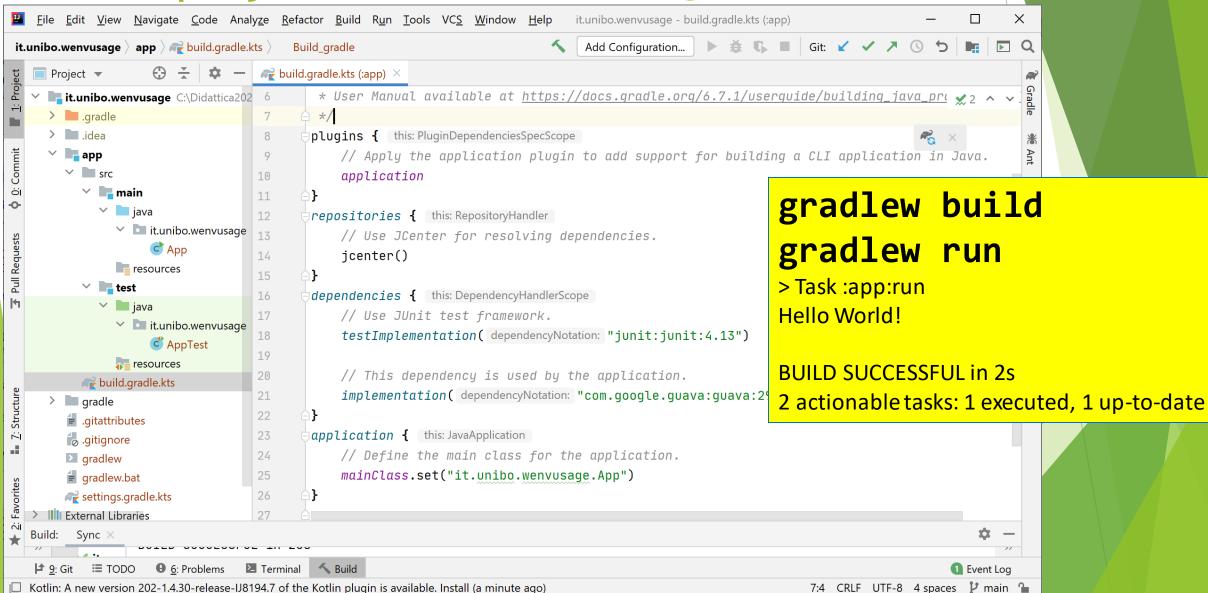
TODO: (HINT: focalize on the relevant aspects)

Moving the virtual robot

C:\...\issLab2021>mkdir it.unibo.wenvusage C:\...\issLab2021>gradle init (select 2, 3, 1, 2, 1, demo, demo)



The project it.unibo.wenvusage



Define our app and modify build

```
application {
    // Define the main class for the application.
    //mainClass.set("it.unibo.wenvusage.App") //ORIGINAL
    mainClass.set("it.unibo.wenvusage.MoveVirtualRobot")
}
```

Create the userDocs folder

Formally define the Test (in JUnit)

The project it.unibo.wenvusage

