# Selenium GRID Terminal Commands and Info

* Open terminal at the folder of the .jar file (go outside the folder, right click on the folder, select “open terminal at folder”)
* Perform command ls to list the items in the folder to make sure we have what we need.
* Continue with configurations.

**TO CONFIGURE A HUB:**

java –jar <selenium grid standalone .jar file path> -role hub

EX:

anushaprashanth@Anushas-MacBook-Pro Selenium Grid % java -jar selenium-server-standalone-3.141.59.jar -role hub

06:19:10.343 INFO [GridLauncherV3.parse] - Selenium server version: 3.141.59, revision: e82be7d358

06:19:10.440 INFO [GridLauncherV3.lambda$buildLaunchers$5] - Launching Selenium Grid hub on port 4444

2021-06-03 06:19:10.883:INFO::main: Logging initialized @801ms to org.seleniumhq.jetty9.util.log.StdErrLog

06:19:11.066 INFO [Hub.start] - Selenium Grid hub is up and running

06:19:11.068 INFO [Hub.start] - Nodes should register to http://10.0.0.229:4444/grid/register/

06:19:11.069 INFO [Hub.start] - Clients should connect to http://10.0.0.229:4444/wd/hub

**TO CONFIGURE A NODE:**

(PLACE THE DRIVER FILES IN THE SAME FOLDER AS THE GRID EXECUTABLE)

ANY CAPABILITIES THAT THE CLIENT SETS UP SHOULD BE INCLUDED HERE IN THE NODE COMMAND.

Java –DwebDriver.chrome.driver=<path to driver Executable> -jar <path to selenium grid standalone .jar file > -role node –hub <hub URL from command prompt>

EX: (OPEN A NEW TERMINAL WINDOW)

anushaprashanth@Anushas-MacBook-Pro Selenium Grid % java -Dwebdriver.chrome.driver=chromedriver -jar selenium-server-standalone-3.141.59.jar -role node -hub http://10.0.0.229:4444/grid/register/

06:43:40.357 INFO [GridLauncherV3.parse] - Selenium server version: 3.141.59, revision: e82be7d358

06:43:40.478 INFO [GridLauncherV3.lambda$buildLaunchers$7] - Launching a Selenium Grid node on port 24769

2021-06-03 06:43:40.570:INFO::main: Logging initialized @395ms to org.seleniumhq.jetty9.util.log.StdErrLog

06:43:40.785 INFO [WebDriverServlet.<init>] - Initialising WebDriverServlet

06:43:40.871 INFO [SeleniumServer.boot] - Selenium Server is up and running on port 24769

06:43:40.871 INFO [GridLauncherV3.lambda$buildLaunchers$7] - Selenium Grid node is up and ready to register to the hub

06:43:40.911 INFO [SelfRegisteringRemote$1.run] - Starting auto registration thread. Will try to register every 5000 ms.

06:43:41.226 INFO [SelfRegisteringRemote.registerToHub] - Registering the node to the hub: http://10.0.0.229:4444/grid/register

06:43:41.272 INFO [SelfRegisteringRemote.registerToHub] - The node is registered to the hub and ready to use