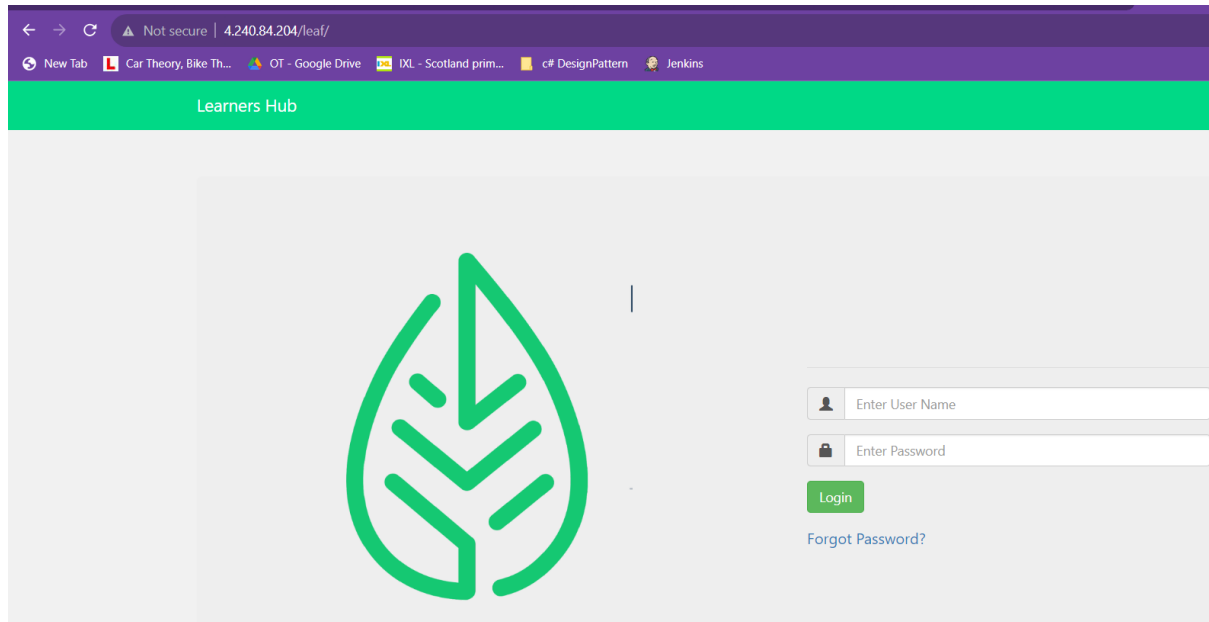


- 1_ Setup Docker Image for the Spring Boot App and Run the Image in detached mode in 80 port
- 2_ Setup Selenium Grid as Docker Compose on the same machine with chrome (2 nodes)
- 3_ Setup Selenium webdriver tests as docker image and run them pointing with arguments to testng xml as suite and server as local



Created docker-compose.yaml with 2 chrome nodes

azureuser@TestleafVM05:~\$ cat docker-compose.yaml

version: '3'

services:

selenium-hub:

image: selenium/hub:latest

ports:

- "4442:4444"

chrome-node-116:

image: selenium/node-chrome:116.0

shm_size: 2gb

depends_on:

- selenium-hub

environment:

- SE_EVENT_BUS_HOST=selenium-hub

- SE_EVENT_BUS_PUBLISH_PORT=4442

- SE_EVENT_BUS_SUBSCRIBE_PORT=4443

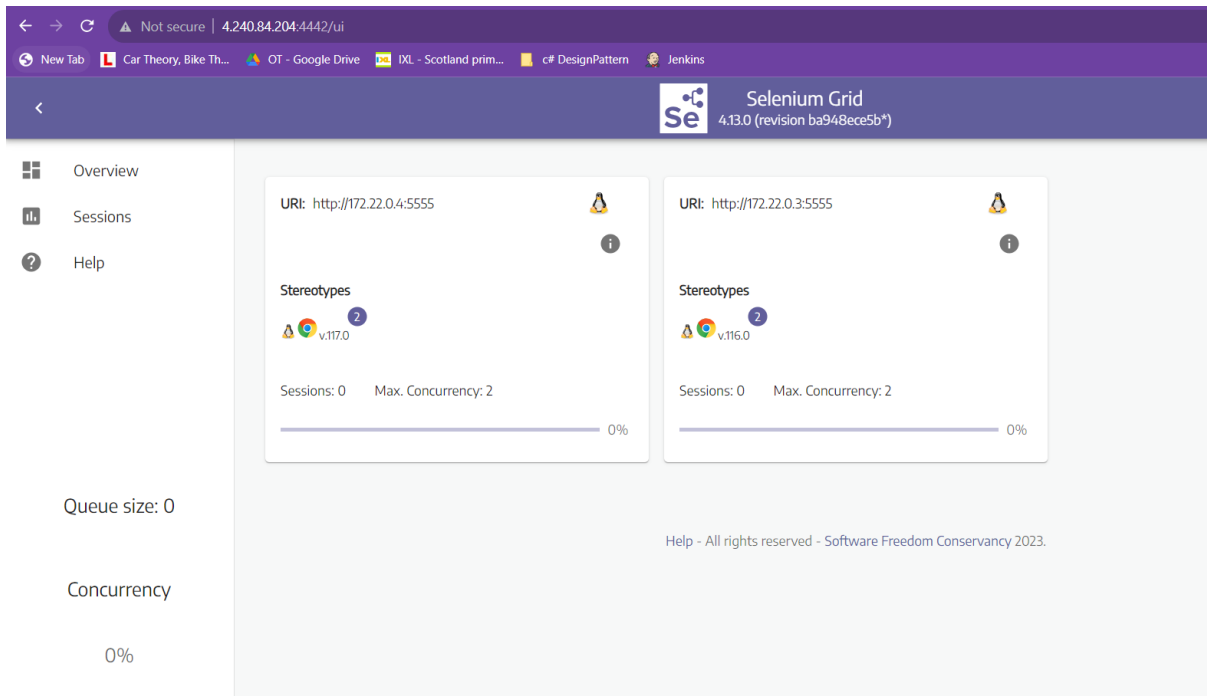
- SE_NODE_SESSION_TIMEOUT=60

- SE_NODE_MAX_SESSIONS=2

chrome-node-117:

image: selenium/node-chrome:117.0

shm_size: 2gb
depends_on:
- selenium-hub
environment:
- SE_EVENT_BUS_HOST=selenium-hub
- SE_EVENT_BUS_PUBLISH_PORT=4442
- SE_EVENT_BUS_SUBSCRIBE_PORT=4443
- SE_NODE_SESSION_TIMEOUT=60
- SE_NODE_MAX_SESSIONS=2



azureuser@TestleafVM05:~/dc\$ vi dockerfile

azureuser@TestleafVM05:~/dc\$ docker build -t selenium-test:latest .

DEPRECATED: The legacy builder is deprecated and will be removed in a future release.

Install the buildx component to build images with BuildKit:

<https://docs.docker.com/go/buildx/>

Sending build context to Docker daemon 3.072kB

Step 1/5 : FROM maven:3.8.1-jdk-11

---> 5b508b1fe19e

Step 2/5 : WORKDIR /selenium

---> Using cache

---> fc901b0bd065

Step 3/5 : RUN git clone https://github.com/TestLeafInc/webdriver-docker-grid-tests /selenium

---> Running in d479a67b9108

Cloning into 'selenium'...

Removing intermediate container d479a67b9108

---> a05af5ff69c1

Step 4/5 : RUN git pull

---> Running in 20eaa712fb54

Already up to date.

Removing intermediate container 20eaa712fb54

---> 380b47ea3eda

Step 5/5 : CMD mvn clean test -DsuiteXmlFile=\${suite_xml} -Dserver.ip=\${server_ip}

---> Running in b026179dde41

Removing intermediate container b026179dde41

---> 1f2cd31b6c38

Successfully built 1f2cd31b6c38

Successfully tagged selenium-test:latest

Create dockerfile

azureuser@TestleafVM05:~/dc\$ docker run -e suite_xml=testng.xml -e

```
Downloaded from central: https://repo.maven.apache.org/maven2/org/apache/maven/surefire/comm
[INFO]
[INFO] -----
[INFO]  T E S T S
[INFO] -----
[INFO] Running TestSuite
Sep 29, 2023 10:02:33 AM cucumber.runtime.FeaturePathFeatureSupplier get
WARNING: No features found at classpath:com/leaftaps/testcases
Sep 29, 2023 10:02:33 AM org.openqa.selenium.remote.tracing.opentelemetry.OpenTelemetryTracer
INFO: Using OpenTelemetry for tracing
SLF4J: Failed to load class "org.slf4j.impl.StaticLoggerBinder".
SLF4J: Defaulting to no-operation (NOP) logger implementation
SLF4J: See http://www.slf4j.org/codes.html#StaticLoggerBinder for further details.
demosalesmanager entered successfully
crmsfa entered successfully
Login button clicked successfully
CRM/SFA link is clicked
Leads link is clicked
Create Lead link is clicked
```