.bat-- testnG Project

Sel Grid--Component

Sel1,Sel2,Sel3,Sel4

Sel Grid

Parallel Execution cross paltfrom

TestNG - Parallel single M/C

Grid - Hub(Server - RC(Server)) - Node (Client)

Same Network--->Hub , Node

Hub(Server)(Port No 4444)

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N1(5555- Linux) N2(Window) N3(MAC) N4 N5

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Browsers

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F-5

C-5

IE-1

2 ways:

single M/c -- server/ Client

HUb----server start--cmd

1. HUb Create:

java -jar selenium-server-standalone-3.141.59.jar -role hub

if port is busy, then command:

java -jar selenium-server-standalone-3.141.59.jar -role hub -port 5555

open this url in browser:

localhost:4444

loclhost:5555

2. Node Create:- Seperate cmd

java -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://localhost:5555/grid/register -port 5556

SM(HUb- Server-- Win7) - Mc-1 (Selenium Scripts)

TestNG - parallel Code

WebDriver driver = new RemoteWebDriver();

Sonika (Node- win10- Chrome)---M/C-2

(Browser Driver + Sel Standalone Server+Run Node command )---Run Hub command---> Scripts Run

java -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://192.168.0.100:5555/grid/register -port 5556

Divya (Node2- win 8- Firefox)---M/C-3

java -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://192.168.0.100:5555/grid/register -port 5557

**Node 2: To create node**

java -Dwebdriver.chrome.driver=D:\\2020\_batches\_data\\Batches\_Docs\\12\_01\\drivers\\chromedriver.exe -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://localhost:5555/grid/register -port 5557 -browser browserName=chrome,maxInstances=2

java -Dwebdriver.gecko.driver=D:\\2020\_batches\_data\\Batches\_Docs\\12\_01\\drivers\\geckodriver.exe -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://localhost:5555/grid/register -port 5558 -browser browserName=firefox,maxInstances=2

java -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://localhost:5555/grid/register -port 5556

Way2: Machine--- SM (Hub)---eclipse + Hub command Run

Hub start

java -jar selenium-server-standalone-3.141.59.jar -role hub -port 5555

Browser: localhost:4444-🡪 Node1

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M/c2 – Sonika+ Node command

Node start:

java -Dwebdriver.gecko.driver=D:\\2020\_batches\_data\\Batches\_Docs\\12\_01\\drivers\\geckodriver.exe -jar selenium-server-standalone-3.141.59.jar -role webdriver -hub http://SMIpaddress:5555/grid/register -port 5558 -browser browserName=firefox,maxInstances=2