

Grid Configuration Using JSON

```
Microsoft Windows [Version 10.0.22621.3007]
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C:\griddemo>java -jar selenium-server-4.16.1.jar node
12:19:15.959 INFO [LoggingOptions.configureLogEncoding] - Using the system default e
12:19:16.025 INFO [OpenTelemetryTracer.createTracer] - Using OpenTelemetry for traci
12:19:16.971 INFO [UnboundZmqEventBus.<init>] - Connecting to tcp://0.0.0.0:4442 and
12:19:17.146 INFO [UnboundZmqEventBus.<init>] - Sockets created
12:19:18.168 INFO [UnboundZmqEventBus.<init>] - Event bus ready
12:19:19.240 INFO [NodeServer.createHandlers] - Reporting self as: http://192.168.1.
12:19:20.428 INFO [NodeOptions.getSessionFactories] - Detected 4 available processor
12:19:20.432 INFO [NodeOptions.discoverDrivers] - Looking for existing drivers on th
12:19:20.434 INFO [NodeOptions.discoverDrivers] - Add '--selenium-manager true' to t
automatically.
12:19:22.322 WARN [SeleniumManager.lambda$runCommand$1] - Unable to discover proper
12:19:23.024 WARN [SeleniumManager.lambda$runCommand$1] - There was an error managin
geckodriver version in offline mode); using driver found in the cache
12:19:23.722 WARN [SeleniumManager.lambda$runCommand$1] - Unable to discover proper
de
12:19:23.790 INFO [NodeOptions.report] - Adding Chrome for {"browserName": "chrome",
s
12:19:23.805 INFO [NodeOptions.report] - Adding Firefox for {"browserName": "firefox
mes
12:19:23.876 INFO [Node.<init>] - Binding additional locator mechanisms: relative
12:19:25.034 INFO [NodeServer$1.start] - Starting registration process for Node http
12:19:25.040 INFO [NodeServer.execute] - Started Selenium node 4.16.1 (revision 9b4c
12:19:25.072 INFO [NodeServer$1.lambda$start$1] - Sending registration event...
12:19:26.229 INFO [NodeServer.lambda$createHandlers$2] - Node has been added
```

```
package gridDemo;
import java.net.MalformedURLException;
import java.net.URL;
import org.openqa.selenium.Platform;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeOptions;
import
org.openqa.selenium.remote.DesiredCapabilities;
import org.openqa.selenium.remote.RemoteWebDriver;
import org.testng.annotations.Test;
public class GridDemoHUBandNode {
```

```

public static WebDriver driver;

@Test
    public void griddemo() throws
MalformedURLException
    {

        DesiredCapabilities cap = null;

        cap = new DesiredCapabilities();

        cap.setBrowserName("firefox");
        cap.setPlatform(Platform.WINDOWS);

        driver = new RemoteWebDriver(new
URL("http://localhost:4444/wd/hub"), cap);

        driver.get("https://www.selenium.dev/downloads/");
;
        System.out.println(driver.getTitle());

    }

}

```