Safari Browser Code

import java.net.MalformedURLException;

import java.net.URL;

import java.util.concurrent.TimeUnit;

import io.appium.java\_client.android.AndroidDriver;

import io.appium.java\_client.ios.IOSDriver;

import io.appium.java\_client.remote.MobileCapabilityType;

import io.appium.java\_client.remote.MobilePlatform;

import org.openqa.selenium.By;

import org.openqa.selenium.Keys;

import org.openqa.selenium.remote.DesiredCapabilities;

public class SauceSafariIOS {

public static void main(String[] args) throws MalformedURLException, InterruptedException {

// TODO Auto-generated method stub

DesiredCapabilities dc=DesiredCapabilities.iphone(); // we give all the requirement to dersired capabities

dc.setCapability("platformName", "iOS");

// in appium we write mobile capabilty type in in sauce labs we give just platform name Go to documentation of sauce labs and give the details

//cap.setCapability(MobileCapabilityType.PLATFORM\_NAME,MobilePlatform.IOS);

dc.setCapability("platformVersion", "7.1");

//cap.setCapability(MobileCapabilityType.PLATFORM\_VERSION,"7.1");

dc.setCapability("appiumVersion", "1.3.4");

dc.setCapability("deviceName", "iPhone Simulator");

dc.setCapability("browserName", "safari");

IOSDriver driver=new IOSDriver(new URL("http://rahul1:e950d779-1817-4c3c-b122-06715b814dfd@ondemand.saucelabs.com:80/wd/hub"),dc); // get url from sauce labs documentation, access key from accounts page i.e., admin page & on left bottom you can find access key

//IOSDriver driver=new IOSDriver(new URL("http://127.0.0.1:4723/wd/hub"),cap );

/\*driver.get("http://google.com");

Thread.sleep(8000L);\*/

driver.manage().timeouts().implicitlyWait(10, TimeUnit.SECONDS);

System.out.println("Navigating to Udemy");

driver.get("https://udemy.com");

System.out.println("Succesfully navigated to Udemy");

driver.findElement(By.xpath(".//\*[@id='ios-splash']/a")).click(); // CONTINUE TO MBL WEBSITE LINK, for ios splash link → go to user agent in firefox - os - ios - select safari version - give udemy.com - firebug - click on continue to mbl site yiu can get url now . so that t prints course name when executed

//tagname[@attribute='value']

driver.findElement(By.xpath("//input[@type='search']")).sendKeys("SoapUI");

driver.findElement(By.xpath("//button[contains(@class,search-btn)]/i")).click();

//(SEND keys might not work in ios with keyboard events in args key & it works on windows in sauce labs)

//System.out.println(driver.getTitle());

//\*[@id="courses"]/li[1]/a/span[2]

System.out.println(driver.findElement(By.xpath(".//\*[@id='courses']/li[1]/a/span[2]")).getText()); // to get first course title

}

}

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