**package** screenshot.test;

**import** java.io.File;

**import** java.io.IOException;

**import** org.openqa.selenium.OutputType;

**import** org.openqa.selenium.TakesScreenshot;

**import** org.openqa.selenium.WebDriver;

**import** org.openqa.selenium.chrome.ChromeDriver;

**import** org.openqa.selenium.io.FileHandler;

**public** **class** A {

**public** **static** **void** main(String[] args) **throws** IOException {

System.*setProperty*("webdriver.chrome.driver", "C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\chromedriver\_win32 (2)\\chromedriver.exe");

WebDriver driver =**new** ChromeDriver();

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

File f = **new** File("C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\screenshot\\image2.jpg");

FileHandler.*copy*(src, f);

}

}

How to take screenshot?

* TO screenshot in selenium type cast the driver to takescreenshot interface.
* ((Takesscreenshot)driver)
* Where driver is object name.
* After casting we have to call method that is getScreenshotAs(), here this method need OutputType.FILE as argument.

Ex: ((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

* Above statement will take screenshot store it in system library to get this into one variable

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.***FILE***);

* Now the screen is stored in src variable which is available inside system library.
* To get this screenshot into local drive, ceate object of File class pass local drive path as argument to this class.
* Ex: File f = new File(“local drive path with file extension”);

To copy the screenshot from system library to local drive call the use the class FileHandler which has static method copy(), here pass source file and destionation fle path as argument.

Ex: FileHandler.*copy*(src, dest);

package screenshot.test;

import java.io.File;

import java.io.IOException;

import java.util.Date;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

public class A {

public static void main(String[] args) throws IOException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\chromedriver\_win32 (2)\\chromedriver.exe");

WebDriver driver =new ChromeDriver();

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

Date d = new Date();

String date = d.toString();

String str = date.replace(":", "\_");

File f = new File("C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\screenshot\\image\_"+str+".jpg");

FileHandler.copy(src, f);

}

}

package screenshot.test;

import java.io.File;

import java.io.IOException;

import java.util.Date;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

public class A {

public static void main(String[] args) throws IOException {

System.setProperty("webdriver.chrome.driver", "C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\chromedriver\_win32 (2)\\chromedriver.exe");

WebDriver driver =new ChromeDriver();

driver.get("https://www.facebook.com/");

driver.manage().window().maximize();

driver.findElement(By.xpath("//input[@name='email']")).sendKeys("Tester");

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

Date d = new Date();

String date = d.toString();

String str = date.replace(":", "\_");

File f = new File("C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\screenshot\\image\_"+str+".jpg");

FileHandler.copy(src, f);

}

}

package screenshot.test;

import java.io.File;

import java.io.IOException;

import java.util.Date;

import org.openqa.selenium.By;

import org.openqa.selenium.OutputType;

import org.openqa.selenium.TakesScreenshot;

import org.openqa.selenium.WebDriver;

import org.openqa.selenium.chrome.ChromeDriver;

import org.openqa.selenium.io.FileHandler;

import config.Configuration;

public class A {

public static void main(String[] args) throws IOException {

System.setProperty("webdriver.chrome.driver", Configuration.driverPath);

WebDriver driver =new ChromeDriver();

driver.get(Configuration.appUrl);

driver.manage().window().maximize();

File src = ((TakesScreenshot)driver).getScreenshotAs(OutputType.FILE);

Date d = new Date();

String date = d.toString();

String str = date.replace(":", "\_");

File f = new File(Configuration.screnshotPath+str+".jpg");

FileHandler.copy(src, f);

}

}

**package** config;

**public** **class** Configuration {

**public** **static** String *driverPath* = "C:\\\\Users\\\\balaji\\\\Desktop\\\\Java Automation\\\\1-Jan\\\\Automation\\\\chromedriver\_win32 (2)\\\\chromedriver.exe";

**public** **static** String *appUrl*="https://www.facebook.com/";

**public** **static** String *screnshotPath*="C:\\\\Users\\\\balaji\\\\Desktop\\\\Java Automation\\\\1-Jan\\\\Automation\\\\screenshot\\\\image\_";

}

**package** screenshot.test;

**import** java.util.Date;

**public** **class** Test {

**public** **static** **void** main(String[] args) {

Date d = **new** Date();

String xyz = d.toString();

String str = xyz.replace(":", "\_");

String path = "C:\\Users\\balaji\\Desktop\\Java Automation\\1-Jan\\Automation\\screenshot\\image\_"+str+".jpg";

System.***out***.println(path);

}

}