All Syntax uptodate

1. How to Launch a Browser

< System.setProperty("webdriver.chrome.driver","chromedriver.exe.path");

< driver=new ChromeDriver ();

(Or)

Driver=TestBrowser.Opencromebrowser();

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1. How to Maximize window

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

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1. How to get Application URL

< driver.get("URL");

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4.How to write a web application by using Locaters

1.By ID

< driver.findElement(By.id("--")).sendKeys("--");

2.By Name

<driver.findElement(By.Name("--")).sendKeys("--");

3.By CssSelecor

< driver.findElement(By.cssSelector("--")).sendKeys("--");

4.By LinkText

< driver.findElement(By.linkText("--")).click();

5.By Partial Linktext

< findElement(By.partialLinkText("Nationaliti")).click();

6.By Class Name

< findElement(By.className("button")).click

7.By TagName

List<WebElement> links= driver.findElements(By.tagName("a"));

int links\_count = links.size();

System.out.println("Number of hyperlinks :"+links\_count);

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5.How to write an XPath

<< findElement(By.xpath("//\*[@id='txtUsername']") click();

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6.Javascript Executor

1.scroll by Visible Element.

< JavascriptExecutor js = (JavascriptExecutor)driver;

<js.executeScript("arguments[0].scrollIntoView();", Element);

2.Sendkeys

< js.executeScript("arguments[0].setAttribute('value','admin123')", password);

< js.executeScript("arguments[0].click();", button);

3.Scroll by Pixel

< JavascriptExecutor js = (JavascriptExecutor) driver;

< js.executeScript("window.scrollBy(0,1000)");

4.Launch New tab

((JavascriptExecutor) driver)). executeScript(window.open);

4.Highlighting web Element Borders

js.executeScript("arguments[0].style.border=3px solidRed”,object)

7.Drop Down

< Select dropdown = new Select(driver.findElement(By.id("location\_country")));

< dropdown.selectByVisibleText("India");

(or)

< dropdown.selectByValue("IN");

(or)

< dropdown.selectByIndex("0");

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8.DataProvider

1.By Object Array method

< @DataProvider(name = "--")

public Object[][] getData()

{

Object[][] data = new Object[3][6];

// 1st row

data[0][0] ="----";

data[0][1] = "----";

// 2nd row

data[0][0] ="----";

data[0][1] = "----";

return data;

2.By Data Driven Test

@DataProvider(name = "TC01\_Add\_Job")

public static Object[][] Authentication1() throws Exception {

ExcelApiTest4 eat = new ExcelApiTest4();

Object[][] testObjArray = eat.getTableArray("C://HTML

Report//OrangeHRM6//TC03\_Skills\_Description.xlsx", "Sheet4");

System.out.println(testObjArray.length);

return (testObjArray);

}

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9.Emailable Reports

< Reporter.log("Pass- Click on Signin");

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10.Customised Emailable Reports

< R1.TakeScreenShotAuto(driver,"Username Entered","Pass");

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11.Extent Reports.

< SimpleDateFormat sdfDate = new

SimpleDateFormat("yyyy\_MMM\_dd\_h\_mm\_ss\_SSS\_a");

Date now = new Date();

String strDate = sdfDate.format(now);

TestName=TestScriptName+"\_"+strDate+".html";

TestScriptName=TestScriptName+"\_"+strDate;

String TestHtmlName="C:/HTML Report/test-output/ExtentReportScreenShots/"+ TestScriptName +"/"+TestName;

ExtentHtmlReporter reporter=new ExtentHtmlReporter(TestHtmlName);

System.out.println("Html Report path is : "+TestHtmlName);

extent=new ExtentReports();

extent.attachReporter(reporter);

logger=extent.createTest(TestName);

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12.Frames

1. Switch frame by Iframe Name:

< driver.switchTo().frame("iframe Name");

< driver.switchTo().defaultContent();

2. Switch frames by Web element Reference

< driver.switchTo().frame(findElement(By.id("-----"))); where ("---" = web element id)

< driver.switchTo().defaultContent();

3. Switch frames by Index

< List<WebElement> frames = driver.findElements(By.tagName("iframe"));

< driver.switchTo().frame(frames.get(0));

< driver.switchTo().defaultContent();

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13.Waits

1.Implicit Wait

< driver.manage().timeouts().implicitlyWait(60, TimeUnit.SECONDS);

2.Explicit Wait

< WebDriverWait wait= new WebDriverWait(driver,120);

wait.until(ExpectedConditions.visibilityOfElementLocated(By.linkText("Logout"))) ;

3.fluient Wait:

< Wait<WebDriver> wait = new FluentWait<WebDriver>(driver)

.withTimeout(120, TimeUnit.SECONDS)

.pollingEvery(40, TimeUnit.SECONDS)

.ignoring(NoSuchElementException.class);

WebElement Logout1 = wait.until(new Function<WebDriver,WebElement>() {

public WebElement apply(WebDriver driver) {

return driver.findElement(By.xpath("/html/body/div[1]/div[1]/div[2]/ul/li[2]/a"));

}

});

14.Upload File

< WebElement button =findElement(By.xpath("//\*[@id='jobTitle\_jobSpec']"));

Actions actions = new Actions(driver);

actions.moveToElement(button).click().build().perform();

Thread.sleep(5000);

< StringSelection sel = new StringSelection(------);

Toolkit.getDefaultToolkit().getSystemClipboard().setContents(sel,null);

System.out.println("selection" +sel);

// Create object of Robot class

Robot robot = new Robot();

Thread.sleep(2000);

// Press CTRL+V

robot.keyPress(KeyEvent.VK\_CONTROL);

robot.keyPress(KeyEvent.VK\_V);

robot.keyRelease(KeyEvent.VK\_CONTROL);

robot.keyRelease(KeyEvent.VK\_V);

Thread.sleep(2000);

// Press Enter

robot.keyPress(KeyEvent.VK\_ENTER);

robot.keyRelease(KeyEvent.VK\_ENTER);

Thread.sleep(8000);

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