Alerts Handling¶

//To handle alerts we need switch to it first.

driver.switchTo().alert();

//to click on OK

driver.switchTo().alert().accept();

//To click cancel

driver.switchTo().alert().Dismiss();

//To get alert message

driver.switchTo().alert().getText();

//Way 2

//Alert:= is interface, using this we can create reference object for alerts

//Create reference object for alerts

Alert A= driver.switchTo().alert();

A.accept(); //To click on OK

A.Dismiss(); //To click on Cancel

A.getText(); //To get text from alert

Ex1

```java
package WebDriverExamples;

import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class WorkingWithAlerts
{
        public static void main(String[] args)
        {
                System.setProperty("webdriver.gecko.driver",
"F:\\D-Drive\\FromC\\geckodriver-v0.15.0-win64\\geckodriver.exe");
                FirefoxDriver Driver=new FirefoxDriver();
                WebDriverWait wait=new WebDriverWait(Driver, 60);
                //---------------------------------------------------
                //open application
                Driver.get("http://apps.qaplanet.in/webapp/AgeProb.html");
```

```
                //wait for home page
                boolean res=wait.until(ExpectedConditions.titleIs("Age Problem"));
                //verify Age Problem
                if(res)
                {
                        System.out.println("Age Problem displayed");
                }
                //---------------------------------------------------------
                //Enter age
                Driver.findElement(By.id("idAge")).sendKeys("10");
                //Click on submit
                Driver.findElement(By.id("idSubGo")).click();
                //--------------------------------------------------------
                //wait for alert
                wait.until(ExpectedConditions.alertIsPresent());
                //Switch to alert
                Alert A=Driver.switchTo().alert();
                //Verify Kid message
                if(A.getText().equals("Kid"))
                {
                        System.out.println("Kid alert displayed");
                        A.accept();
                }
                //---------------------------------------------------------
                Driver.close();
                Driver.quit();
        }
}
```

===

Example For Nested Alerts

===

Nested Alerts

===

```
import org.openqa.selenium.Alert;
import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.firefox.FirefoxDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;
public class Confirmations
{
        public static void main(String[] args)throws Exception
        {
                System.setProperty("webdriver.gecko.driver", "chromedriver.exe");
                FirefoxDriver Browser=new FirefoxDriver();
                //Explicit wait
                WebDriverWait wait=new WebDriverWait(Browser, 20);
                //open web page
                Browser.get("http://apps.qaplanet.in/webapp/confirmation");
                //wait for element present
                WebElement
objSubmit=wait.until(ExpectedConditions.presenceOfElementLocated(By.name("Submit")));
                //Choose answer
                Browser.findElement(By.xpath("//input[@name='rdoPres'][4]")).click();
                //click on submit
                objSubmit.click();
```

```
//wait for confirmation message alert
Alert A=wait.until(ExpectedConditions.alertIsPresent());
if (A.getText().equals("Are you sure you want to submit this answer?"))
{
        System.out.println("Confirmation displayed");

        A.accept();
        //wait for alert
        Alert A1=wait.until(ExpectedConditions.alertIsPresent());
        if(A1.getText().equals("submitted"))
        {
                System.out.println("submitted displayed");

                A1.accept();
        }
}
Browser.close();
Browser.quit();
        }
}
```

```
//wait for confirmation message alert
Alert A=wait.until(ExpectedConditions.alertIsPresent());
```