

Implicit Explicit Fluent In Selenium WebDriver

Without Waits

```
package demowaits;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class WithoutWaits {

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

        System.setProperty("webdriver.chrome.driver",
        "D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();

        driver.get("https://www.easemytrip.com/");
        driver.findElement(By.id("FromSector_show")).sendKeys("Delhi",
        Keys.ENTER);
        driver.findElement(By.id("Editbox13_show")).sendKeys("Mumbai",
        Keys.ENTER);
        driver.findElement(By.id("ddate")).click();
        driver.findElement(By.id("snd_4_08/08/2019")).click();
        driver.findElement(By.className("src_btn")).click();
        driver.findElement(By.xpath("//button[text()='Book
        Now']")).click();
    }
}
```

ThreadWait

```
package demoWaits;

import org.openqa.selenium.By;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;

public class ThreadWait {
    public static void main(String[] args) throws
InterruptedException {
        System.setProperty("webdriver.chrome.driver",
"D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");

        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.easemytrip.com/");

        driver.findElement(By.id("FromSector_show")).sendKeys("Delhi",
Keys.ENTER);
        driver.findElement(By.id("Editbox13_show")).sendKeys("Mumbai",
Keys.ENTER);
        driver.findElement(By.id("ddate")).click();
        driver.findElement(By.id("frth_2_18/08/2020")).click();
        driver.findElement(By.className("src_btn")).click();
        Thread.sleep(5000);
        driver.findElement(By.xpath("//button[text()='Book
Now']")).click();
    }
}
```

implicitlyWait

```
package demoWaits;

import java.util.concurrent.TimeUnit;

import org.openqa.selenium.By;
import org.openqa.selenium.JavascriptExecutor;
import org.openqa.selenium.Keys;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.WebElement;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.Select;

public class ImplicitWait {
    public static void main(String[] args) throws InterruptedException {

        System.setProperty("webdriver.chrome.driver",
            "D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();

        driver.manage().timeouts().implicitlyWait(30, TimeUnit.SECONDS);
        driver.get("https://www.easemytrip.com/");

        driver.findElement(By.id("FromSector_show")).sendKeys("Delhi", Keys.ENTER);
        driver.findElement(By.id("Editbox13_show")).sendKeys("Mumbai", Keys.ENTER);
        driver.findElement(By.id("ddate")).click();
        driver.findElement(By.id("frth_2_18/08/2020")).click();
        driver.findElement(By.className("src_btn")).click();

        driver.findElement(By.xpath("//button[text()='Book Now']")).click();

        JavascriptExecutor jse = (JavascriptExecutor) driver;
        jse.executeScript("window.scrollTo(0,750)");

        driver.findElement(By.xpath("//input[@type='email']")).sendKeys("raghu.astepahead@gmail.com");
        driver.findElement(By.xpath("//span[text()='Continue Booking']")).click();

        WebElement title = driver.findElement(By.id("titleAdult0"));

        Select titleTraveller = new Select(title);

        titleTraveller.selectByVisibleText("MS");
        driver.findElement(By.xpath("//input[@placeholder='Enter First Name']")).sendKeys("raghu");
        driver.findElement(By.xpath("//input[@placeholder='Enter Last Name']")).sendKeys("bandi");
        driver.findElement(By.xpath("//input[@placeholder='Mobile Number']")).sendKeys("9880614548");
        driver.findElement(By.xpath("//div[@class='con1']/span[@class='col1']")).click();

    }
}
```

ExplicitWait

```

package demoWaits;

import org.openqa.selenium.By;
import org.openqa.selenium.WebDriver;
import org.openqa.selenium.chrome.ChromeDriver;
import org.openqa.selenium.support.ui.ExpectedConditions;
import org.openqa.selenium.support.ui.WebDriverWait;

public class ExplicitWait {
    public static void main(String[] args) {

        System.setProperty("webdriver.chrome.driver",
            "D:\\Selenium\\Selenium Browsers Jars\\Chrome 84\\chromedriver.exe");
        WebDriver driver = new ChromeDriver();
        driver.manage().window().maximize();
        driver.get("https://www.rentomojo.com/");
        driver.findElement(By.xpath("//span[@class='rm-city__selectorBoxLoca'][contains(text(),'Delhi')]")).click();
        WebDriverWait wait = new WebDriverWait(driver, 120);
        wait.until(ExpectedConditions

            .visibilityOf(driver.findElement(By.xpath("//div[@class='Campaign__innerWrapper']/button"))));

        driver.findElement(By.xpath("//div[@class='Campaign__innerWrapper']/button")).
        click();
    }
}

```