

5. Working with External Elements

1. Handling External pop ups.

- WebDriver does ability to interact with multiple windows, which includes alerts using the method `switchTo`. This method allows to switch the control to pop-up while keeping the browser open in the back ground.

- Open Eclipse
- Syntax for handling the various pop ups
- To click on 'OK' button in pop up

Syntax: `WebDriver driver = new ChromeDriver();`

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

- To click on 'Cancel' button in pop up

Syntax: `WebDriver driver = new ChromeDriver();`

`driver.switchTo().alert().dismiss();`

- To Capture the alert message

Syntax: `WebDriver driver = new ChromeDriver();`

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

- To enter the information

Syntax: `WebDriver driver = new ChromeDriver();`

`driver.switchTo().alert().sendKeys("text");`

- To exit from the popup

Syntax: `WebDriver driver = new ChromeDriver();`

`driver.switchTo().alert().close();`

2. Handling new Tabs and new Window.

- Opening new tab

Syntax: `WebDriver driver = new chromeDriver();`
`driver.findElement(By.id("xyz")).sendKeys(Keys.CONTROL + "t");`

- Opening new Window

Syntax: `WebDriver driver = new chromeDriver();`
`driver.findElements(By.id("xyz")).sendKeys(Keys.CONTROL + "w");`

Pushing the code to your GitHub repositories : -

- Open your folder where the Project . And then click the right button to open the git bash command prompt.
- Before that, open the github and create a new repository.
- Initialize your repository using the following command:

`git init`

- Add all the files to your git repository using the following command:

`git add .`

- To check the status of the repository use the below command:

`git status`

- Commit the changes using the following command:

`git commit . -m "Changes have been committed."`

- To add the files to the repository use the (URL) from the github and use the command;

`git remote add origin <url>`

- Push the files to the folder you initially created using the following command:

`git push origin master.`