Waits in Selenium Webdriver

Different Types of Wait

- ***Implicit Wait*** :- Once set it will be applicable, when ever you use driver object.

- Also you cannot define and additional logic for wait.

- ***Explicit Wait*** :- It's is also called as dynamic wait, can be applied for certain block of code

- Can define additional wait logic.

Implicit Wait

- Two methods which we are going to discuss in *"Implicit Wait"*.

- *SetPageLoadTimeout* :- For controlling the page load time

- *ImplicitlyWait* :- For controlling the web element load time

Explicit Wait

- For Explicit wait , we are going to use **"WebDriverWait"** class

- Following are the steps need to follow, while using **"WebDriverWait"** class

- *Prerequisite :-* Set the *"Implicit"* wait to *"One"*
- *Step 1 :-* Create the instance of *"WebDriverWait"* class
- *Step 2 :-* Specify the *"PollingInterval"*
- *Step 3 :-* Specify the *"Exception"* to Ignore
- *Step 4 :-* Create a *"Function"* for wait logic
- *Step 5 :-* Call the *"until"* method with the wait logic

Explicit Wait

- Using **"*WebDriverWait*"** class once can apply wait only on driver object.

- For Dynamic wait, you can use "***DefaultWait***" class also. Which allow us to apply wait on any components

Explicit Wait

- Web driver also provide a class called **"*ExpectedConditions*"** class

- This class contains lot of **"*Function*"** created on commonly used wait logic