SELENIUM

PageLoad TimeOut in Selenium

➤ Timeout Interface in Selenium : Timeout is Interface in WebDriver Interface, which manage all waits of WebDriver Instances.

➤ Timeouts interface has three abstract methods:

➤ implicitlyWait

➤ setScriptTimeout

➤ pageLoadTimeout

➤ There is no implementation present for these methods in Timeouts interface, the browser classes(FirefoxDriver, ChromeDriver..) provides the implementations for these methods because browser classes implements WebDriver Interface.

➤ PageLoadTimeOut() : Page load timeout in selenium requests/set the time limit for a page to load.

➤ If page is not loaded within the given time frame selenium throws **TimeOutException** exception .

➤ Page load timeout is useful when we perform performance test, or when we test execution in IE.

➤ Setting Negative time limit makes the selenium to wait for the page load infinitely.

➤ setScriptTimeOut() : setScriptTimeout sets the time limit for asynchronous script to finish execution.

➤ If process is not Completed within the given time frame selenium throws **TimeOutException** exception .

➤ The setScriptTimeout method affects only JavaScript code.

➤ Why we need setScriptTimeOut?

➤ The default timeout for setScriptTimeout method is 0 (zero), if we don't set any time our executeAsyncScript method may fail because the javascript code may take more than zero seconds. So to avoid unnecessary failures we have to set the setScriptTimeout.

See you in next lecture …