# **Selenium youtube tutorial - Selenium automation with C#**

## **Documentation**

## (In the \* guru99 \* tutorial, I encountered a problem while writing the code "NUnit Test class 4)step" where the code I need to copy/paste has a typo in the namespace so I opted for the Youtube tutorial.)

**1.**  
-Creating a new project  
-Installation of the necessary packages to work with Selenium  
-Write simple code that opens Google Chrome, searches for the desired term, and closes the browser after the command is completed

**1.1.**  
-Installation of „NUnit Framework“, makes it easy to work with Selenium  
-Already written code is adapted to work with NUnit  
-Implementation of [SetUp], [Test] and [TearDown] attributes to specific classes  
-Running the test using „Test Explorer“, feedback via the „Output link“

**1.2.**  
-Creating a New „SeleniumSetMethods“ Class  
-I am using this class to write methods that will be used later to set up tests  
-I wrote 3 methods: -EnterText : enters text into a specific text box  
 -Click: simulates clicks on buttons/check boxes/radio buttons  
 -SelectDropdown: selects an element within the drop down menu  
-Application of written methods on web site [www.executeautomation.com](http://www.executeautomation.com)   
-Running the test using „Test Explorer“, feedback via the „Output link“

**1.3.**  
-Creating a New „SeleniumGetMethods“ Class  
-In this class, I write methods that I will later use to retrieve values ​​from completed tests   
-I wrote 2 methods: -GetText: retrieves text from a specific text box   
 -GetTextFromDDL: retrieves text selected from the drop down menu  
-I use the methods with the "Console.WriteLine" command to write the resulting values ​​into the console  
-Running the test using „Test Explorer“, feedback via the „Output link“

**1.4.**  
-Creating a new „PropertiesCollection“ class  
-Setting up „IWebDriver“  
-No longer do I have to pass the driver through methods, now it is done trough "PropertiesCollection" class  
-Setting up "PropertyType" as the enum by which I avoid hard coding of Id / Name etc.  
-I adapt the program to the newly written class

**My personal impressions about each step during the tutorial is written at the end of each completed exercise within the code.** \* Tutorial done until - Part 7 (Selenium automation with C #) \*