

Actions class

- Actions is a predefined Class of Selenium WebDriver
- Actions class contain various predefined methods which can simulate Mouse and Keyboard Events
- The below are the different methods of Actions class which we can use in automation for handling Mouse and keyboard actions:
 - **moveToElement(), click(), perform() and build() methods**
 - Demonstrate moving the mouse to Blogs menu, followed by SeleniumByArun menu option and clicking it using mouse - [Demonstrate here](#)
 - Optimizing the above program using build().perform() - [Demonstrate here](#)
 - Dont huddle the mouse while handling the mouse actions using Actions class
 - **dragAndDropBy()**
 - Demonstrate dragging and dropping the startButton horizontal to the right - [Demonstrate here](#)
 - Application URL: <http://omayo.blogspot.com/p/page3.html>
 - Demonstrate dragging and dropping the startButton horizontal to the left - [Demonstrate here](#)
 - **clickAndHold() and release() methods**
 - Demonstrate clicking the Home menu option of omayo website using mouse and not releasing the mouse click - [Demonstrate here](#)
 - Application URL: <http://omayo.blogspot.com/2013/05/page-one.html>
 - Demonstrate releasing the above clicked and holded Home option - [Demonstrate here](#)
 - **contextClick()**
 - Demonstrate right clicking on selenium143 link - [Demonstrate here](#)
 - **doubleClick()**
 - Demonstrate double clicking on double click text in the omayo blog - [Demonstrate here](#)
 - **dragAndDrop()**
 - Demonstrate dragging and dropping an element from a location to a different location - [Demonstrate here](#)
 - Application URL: <http://dhtmlgoodies.com/scripts/drag-drop-custom/demo-drag-drop-3.html>
 - **moveByOffset()**
 - Demonstrate moving the mouse cursor to a location using moveByOffset() and right click using contextClick() - [Demonstrate here](#)
 - **pause()**
 - Demonstrate pausing the actions for the specified milliseconds - [Demos rate here](#)
 - **keyDown() and keyUp() methods**
 - Demonstrate filling the registration details in tutorialsninja.com/demo application - [Demonstrate here](#)
 - Application URL: <http://tutorialsninja.com/demo/index.php?route=account/register>
 - **sendKeys()**
 - Demonstrate it by registering an account - [Demonstrate here](#)
 - Application URL: <http://tutorialsninja.com/demo/index.php?route=account/register>