**Actions:**

It is a class

It Performs the mouse and keyboard actions.

Syntax :

Actions objName = new Actions(driver);

Action – Interface.

Mouse based actions :

* click[WebElement]
* contextClick [WebElement] // right click
* doubleClick [WebElement]
* moveToElement[WebElement]//from one element to another
* dragAndDrop[WebElement Source , WebElement Target]

Example:

**objName.mouseaction(xpaRefname).build().perform();**

For mouse based actions methods :

We must give build() and perform().

build() ---> all the actions gathered which are ready to be performed.

perform() ----> perform a sequence of actions.

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**Keyboard based action:**

**Robot class:**

KeyPress

KeyRelease

Key Event is a class and it performs the keyboard function.

VK: Virtual Key

Syntax :

Robot ref = new Robot();

ref.keyPress(KeyEvent.anyfunction)

ref.keyRelease(KeyEvent.anyFunction)

Example:

r.keyPress(KeyEvent.***VK\_DOWN***);

r.keyRelease(KeyEvent.***VK\_DOWN***);

**Abstract Window Toolkit (AWT) supports Graphical User Interface (GUI) programming.**