WebDriver API: Actions



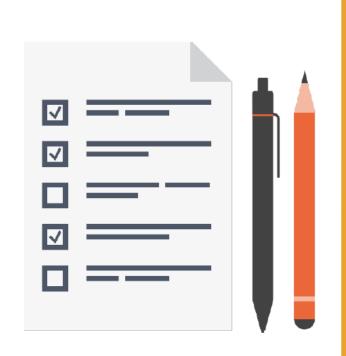
Agenda



- Actions overview
- Mouse actions
- File operations



After today's session you should be able to:



- Do advanced mouse operations
- Do advanced Keyboarb operations
- Chain several actions
- Upload file using Selenium



Actions



The user-facing API for emulating complex user gestures.

Class that provides ways to handle advanced mouse and keyboard events.



Mouse events:



- Double click
- Hover
- Drag and drop
- Context click
- Move



Keyboard events:



- sendKeys
- keyUp
- keyDown
- Scroll up / down



Syntax

1. Create Actions object using WebDriver:

```
Actions actions = new Actions(driver)
```



2. Call methods provided in the Actions class:

3. Perform the action:

```
actions.doubleClick().perform()
```



Chaining actions

1. Call multiple methods at the same time

```
actions.moveToElement(element).doubleClick()
```



```
2. Chain them into one using build method actions.moveToElement(element). doubleClick().build()
```

3. Perform the chained actions using perform

