

# Spoken Tutorial

## Installing Add ons & Executing Action Commands in Selenium

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**<http://spoken-tutorial.org>**

**National Mission on Education through ICT**

**<http://www.sakshat.ac.in>**

**Script and Narration:**

**Suman Pasupula**

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# Introduction To Selenium:



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# Introduction To Selenium:

- ▶ **Selenium is an open source test automation tool**



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- ▶ **which has rich set of testing functions**



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- ▶ **The operations are highly flexible**
- ▶ **Selenium IDE has a recording feature**



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# Introduction To Selenium:

- ▶ **Selenium is an open source test automation tool**
- ▶ **which has rich set of testing functions**
- ▶ **The operations are highly flexible**
- ▶ **Selenium IDE has a recording feature**

**It can save the recorded tests:  
html, java, ruby, etc**



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# Prerequisites:



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# Prerequisites:

- ▶ **Knowledge about web application**



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# Learning Objectives:



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# Learning Objectives:

- ▶ **How to install Selenium IDE add-on**



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- ▶ **How to install Selenium IDE add-on**
- ▶ **How to install Firebug add-on**



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- ▶ **How to install Selenium IDE add-on**
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- ▶ **How to record on the Selenium IDE**



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- ▶ **How to install Selenium IDE add-on**
- ▶ **How to install Firebug add-on**
- ▶ **How to record on the Selenium IDE**
- ▶ **How to execute some of the Action Commands**



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# Learning Objectives:

- ▶ **How to install Selenium IDE add-on**
- ▶ **How to install Firebug add-on**
- ▶ **How to record on the Selenium IDE**
- ▶ **How to execute some of the Action Commands**



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# System Requirement:



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# System Requirement:

- ▶ **Operating System : Ubuntu 11.04**



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# System Requirement:

- ▶ **Operating System : Ubuntu 11.04**
- ▶ **Web browser : Firefox 7.1**



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Url:



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Url:

- ▶ <http://seleniumhq.org/download>



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# Action Commands:



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# Action Commands:

- ▶ **Manipulate the state of the application**



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# Action Commands:

- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**



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- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**
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- ▶ **on the application**



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# Action Commands:

- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**
  - ▶ **“clicking a link”**
  - ▶ **“entering a value in text box”**
- ▶ **on the application**
- ▶ **If an Action results in failure,**



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# Action Commands:

- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**
  - ▶ **“clicking a link”**
  - ▶ **“entering a value in text box”**
- ▶ **on the application**
- ▶ **If an Action results in failure, the current test stops automatically**



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# Assignment



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# Assignment

- ▶ **Install the Selenium IDE Add-on**



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# Assignment

- ▶ **Install the Selenium IDE Add-on**
- ▶ **Record the action of Opening the yahoo search webpage**



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# Assignment

- ▶ **Install the Selenium IDE Add-on**
- ▶ **Record the action of Opening the yahoo search webpage**
- ▶ **Open yahoo mail using 'open' command**



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# About the Spoken Tutorial Project

- ▶ Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)



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# About the Spoken Tutorial Project

- ▶ **Watch the video available at [http://spoken-tutorial.org/What\\_is\\_a\\_Spoken\\_Tutorial](http://spoken-tutorial.org/What_is_a_Spoken_Tutorial)**
- ▶ **It summarises the Spoken Tutorial project**



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- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



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# About the Spoken Tutorial Project

## The Spoken Tutorial Project Team

- ▶ **Conducts workshops using spoken tutorials**



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- ▶ **For more details, contact [contact@spoken-tutorial.org](mailto:contact@spoken-tutorial.org)**



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# Acknowledgement

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- ▶ More information on the same is available at:

<http://spoken-tutorial.org/NMEICT-Intro>



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# About the contributor

## TalentSprint, Hyderabad

- ▶ This Suman Pasupula signing off
- ▶ Thanks for joining



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