

Spoken Tutorial

Installing Add ons & Executing Action Commands in Selenium

Talk to a Teacher

<http://spoken-tutorial.org>

National Mission on Education through ICT

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

Script and Narration:

Suman Pasupula

February 8, 2012



Talk to a Teacher

Introduction To Selenium:



Talk to a Teacher

Introduction To Selenium:

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



Talk to a Teacher

Introduction To Selenium:

- ▶ **Selenium is an open source test automation tool**
- ▶ **which has rich set of testing functions**



Talk to a Teacher

Introduction To Selenium:

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



Talk to a Teacher

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**



Talk to a Teacher

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**



Talk to a Teacher

Prerequisites:



Talk to a Teacher

Prerequisites:

- **Knowledge about web application**



Talk to a Teacher

Learning Objectives:



Talk to a Teacher

Learning Objectives:

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



Talk to a Teacher

Learning Objectives:

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



Learning Objectives:

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



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**



Talk to a Teacher

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**



Talk to a Teacher

System Requirement:



Talk to a Teacher

System Requirement:

- ▶ **Operating System : Ubuntu 11.04**



Talk to a Teacher

System Requirement:

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



Talk to a Teacher

Url:



Talk to a Teacher



Url:

- <http://seleniumhq.org/download>



Talk to a Teacher

Action Commands:



Talk to a Teacher

Action Commands:

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



Talk to a Teacher

Action Commands:

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



Talk to a Teacher

Action Commands:

- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**
 - ▶ **“clicking a link”**



Talk to a Teacher

Action Commands:

- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**
 - ▶ **“clicking a link”**
 - ▶ **“entering a value in text box”**



Talk to a Teacher

Action Commands:

- ▶ **Manipulate the state of the application**
- ▶ **Perform actions like**
 - ▶ **“clicking a link”**
 - ▶ **“entering a value in text box”**
- ▶ **on the application**



Talk to a Teacher

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,**



Talk to a Teacher

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**



Talk to a Teacher

Assignment



Talk to a Teacher

Assignment

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



Talk to a Teacher

Assignment

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



Talk to a Teacher

Assignment

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



Talk to a Teacher

About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial



Talk to a Teacher

About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project



Talk to a Teacher

About the Spoken Tutorial Project

- ▶ Watch the video available at http://spoken-tutorial.org/What_is_a_Spoken_Tutorial
- ▶ It summarises the Spoken Tutorial project
- ▶ If you do not have good bandwidth, you can download and watch it



About the Spoken Tutorial Project

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials



Talk to a Teacher

About the Spoken Tutorial Project

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test



About the Spoken Tutorial Project

The Spoken Tutorial Project Team

- ▶ Conducts workshops using spoken tutorials
- ▶ Gives certificates to those who pass an online test
- ▶ For more details, contact contact@spoken-tutorial.org



Acknowledgement

- ▶ Spoken Tutorial Project is a part of the Talk to a Teacher project



Talk to a Teacher

Acknowledgement

- ▶ **Spoken Tutorial Project is a part of the Talk to a Teacher project**
- ▶ **It is supported by the National Mission on Education through ICT, MHRD, Government of India**



Talk to a Teacher

Acknowledgement

- ▶ Spoken Tutorial Project is a part of the Talk to a Teacher project
- ▶ It is supported by the National Mission on Education through ICT, MHRD, Government of India
- ▶ More information on the same is available at:



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



Talk to a Teacher

About the contributor

TalentSprint, Hyderabad

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



Talk to a Teacher