

Session-20 I-Frame

Friday, September 9, 2022 12:29 AM

We will learn

- ✓ What is Frame & Iframe. Difference between Frame & Iframe
- ✓ How to identify the iframe
- ✓ How do switch over the elements in iframes using Web Driver commands
- ✓ How to handle dynamic iframes using Selenium WebDriver
- ✓ Concept of Nested Frames (Frames inside Frames)
- ✓ Methods Provided by Selenium for Handling iFrames

Frame & Iframe

Frame is a HTML tag that is used to divide the web page into various frames/windows. Each window can load a separate HTML document.

In HTML, **<frame>** tag denotes a frame, and all the frames are present in a **<frameset>** tag.

Iframe as **<iframe>** is also a tag used in HTML but it specifies an inline frame which means it is used to embed some **other document or content from other sources/external sources within the current HTML document**.

How to switch to iframe

- 1) By id or by name
- 2) By webelement
- 3) By index

```
driver.switchTo().frame()
```

I

How to handle nested iframes (frames inside frames) in Selenium WebDriver





Methods Provided by Selenium for Handling iFrames

#1) switchTo.frame(int frameNumber)

#2) switchTo.frame(string frameName)

#3) switchTo.frame(WebElement frameElement)

#4) switchTo().defaultContent()

#5) switchTo().parentFrame()

→ switchTo() - 0