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.

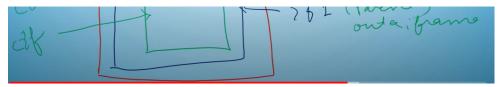
How to switch to iframe

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

driver.switchTo().frame()

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

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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()