

Selenium WebDriver - Handling Frames (Continued)

Switching between Parent and child frames

- Frames can also have children frames (Switching to Child Frames)
 - Example: <http://omayo.blogspot.com/p/page6.html>
 - Frames holding the children frames are known as parent frames
 - In order to perform operations on an element which is available in the child frame, we have to first switch to parent frame and then switch to child frame from parent frame
 - On switching to child frame directly, will result in NoSuchElementException - Demonstrate [here](#)
 - To overcome this problem, we have to switch to parent frame and then switch to child frame - Demonstrate [here](#)
 - On switching to parent frame and performing operation on the required element wont be possible without switching to child frame - Demonstrate [here](#)
 - Demonstrate switching to parent frame and there to its child frame to perform operations on the element available in the child frame - Demonstrate [here](#)
 - switchTo(). **parentFrame()** and switchTo().**defaultContent()**
 - After switching to Children frames, we can switch back to parent frames using switchTo().parentFrame()
 - Demonstrate a program which performs the below - Demonstrate [here](#)
 - Step1: Switches to parent frame
 - Step2: Switches to child frame and clicks on date text box inside child frame
 - Step3: Switches back to parent frame using switchTo().parentFrame() and enters text into the search box field in parent frame
 - Step4: Switches to main page clicks on 'Selenium143' link
 - Switching between two parent frames
 - Demonstrate a program which switches between two parent frames by performing the below steps - Demonstrate [here](#)
 - Step1: Switches to first parent frame
 - Step2: Switches to child frame of first parent frame
 - Step3: Switches back to first parent frame
 - Step4: Switches to main page
 - Step5: Switches to second parent frame
 - Step5: Switches to child of second parent frame
 - Step6: Switches back to main page
 - Also, if a parent has two child frames and if we want to switch between the child frames, we have to switch back to parent frame before switching to second child frame.
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