

# Webinar on Selenium

For students of BIT IT Hindupur.



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# Objectives

- What, Why, How of Selenium?
- Get excited to do some browser automation and have fun!!!



# What is Selenium?

<https://www.selenium.dev/>

**Selenium automates browsers. That's it!**  
What you do with that power is entirely up to you.

Primarily it is for automating web applications for testing purposes, but is certainly not limited to just that.

Boring web-based administration tasks can (and should) also be automated as well.

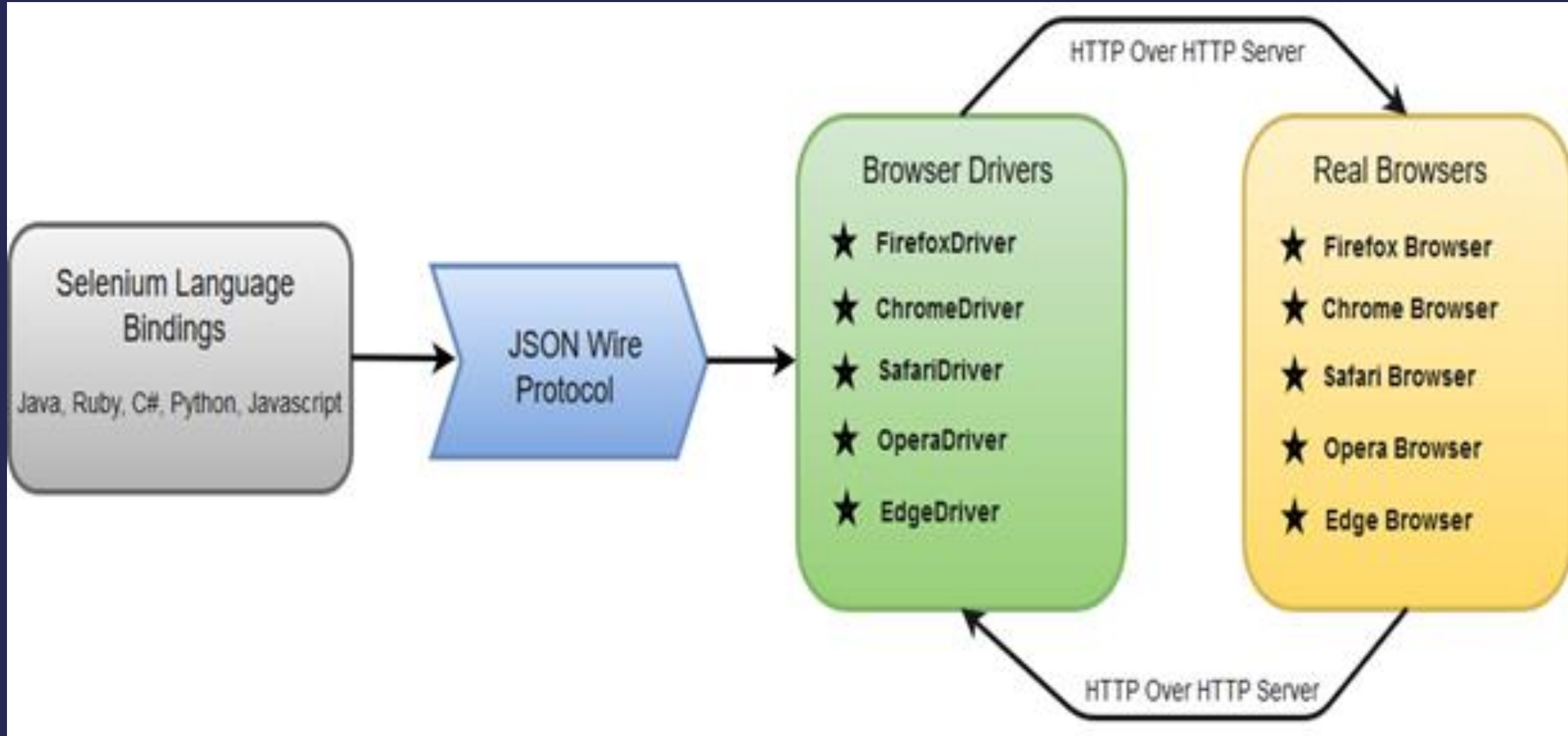


# Why Selenium?

- Free and Opensource
- Popular and Preferred + W3C Recommendation
- Apps moving to cloud and Browsers
- Multiple language bindings ( Java, C#, Ruby, JS, Python etc.)
- Cross browser Support ( Chrome, IE, Safari, Firefox, Edge etc.)
- Cross platform support ( Windows, Linux, Mac OS etc.)
- Opportunities



# How Selenium Works?



# WebElement Magic!!!

- A WebElement can be found by its id, name, linkText, class name, xpath, cssSelector etc.
- Once you grab the WebElement depending on the element do appropriate actions like sendKeys, Click, getText, isDisplayed etc.



# Questions?



# Thank You!!!

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