

Submitting Cookies and Button Input Values to a URL



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Module Overview



Nitty gritty of the login process

Logging into a site using Requests

What constitutes a 'button input'?

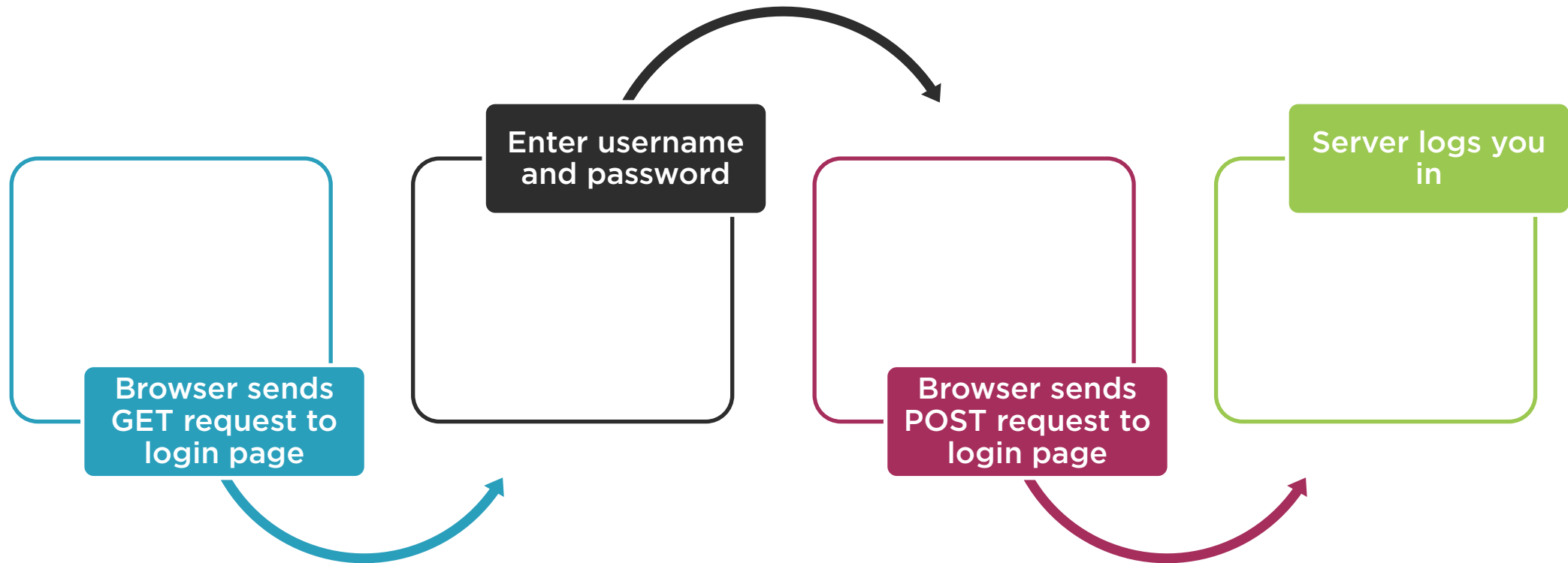
**Submitting button input value while
creating an account on a website**



Scraping Sites with Logins



The Login Process



The Login Process

Session cookies

CSRF tokens



Session Cookie



Cookie – piece of text that a website stores with the browser



Used to store unique identifier. Can track browsing session. Called “session cookies”



Website sets up a session cookie when you access it for the first time



If username and password are correct, website notes that your session cookie is logged in as you



Afterwards, the site starts behaving differently for you



CSRF Tokens



Cross Site Request Forgeries – security vulnerabilities in web applications



Since they're common, most websites employ tools to block them



Random string in every form. Once form is submitted, it is sent back to the website to be verified



Random string – CSRF token



What to Keep in Mind?

Keep track of all cookies. One of them is our session cookie

Request required form beforehand to grab CSRF token



Demo



Demo: Scraping a site with a login



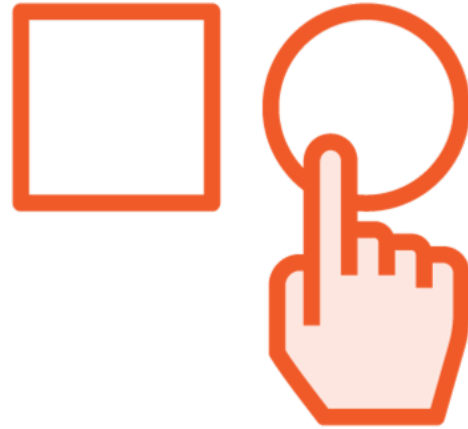
Submitting Button Input Values



Button Input



Checkbox



Radio button



Drop down menu

Demo



**Demo: Creating an account on a website
using Python and Selenium**



What is Selenium?

Selenium is a set of tools and libraries that automate web browser actions

Web-driver package to control browser and emulate user oriented actions

Open source

Python, Java, Ruby, Scala, C# etc.

