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How do I integrate Bright Data into a web browser automation tool?

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Integrating Bright Data into a web browser automation tool such as Selenium or Puppeteer can be done by route to Bright Data super proxy port which is `zproxy.lum-superproxy.io:22225` and authenticate with your Bright Data Zone credentials.

The username and password of the specific Zone can be find in the [API examples](#).

Watch Bright Data [Browser Automation webinar](#)

Integrating Bright Data super proxy with Selenium:

```
const {Builder, By, Key, until} = require('selenium-webdriver');
const proxy = require('selenium-webdriver/proxy');

(async function example(){
  let driver = await new Builder().forBrowser('firefox').setProxy(proxy.manual({
    http: 'zproxy.lum-superproxy.io:22225',
    https: 'zproxy.lum-superproxy.io:22225'
  })).build()

  try {
```

```
        driver.switchTo().alert().sendKeys('lum-customer-USERNAME'+Key.TAB+'PAS  
        driver.switchTo().alert().accept();  
    } finally {  
        await driver.quit();  
    }  
  })();
```

NOTE: The latest Firefox version that supports the above code is **66.0.5**. Newer versions support **IP:PORT** format, so using newer Firefox versions can be done [through Proxy Manager configuration](#).

Integrating Bright Data super proxy with Puppeteer:

```
const puppeteer = require('puppeteer');  
  
(async () => {  
  const browser = await puppeteer.launch({  
    headless: false,  
    args: ['--proxy-server=zproxy.lum-superproxy.io:22225']  
  });  
  const page = await browser.newPage();  
  await page.setUserAgent('Mozilla/5.0 (Windows NT 10.0; Win64; x64) AppleWebKit  
  await page.authenticate({  
    username: 'lum-customer-USERNAME',  
    password: 'PASSWORD'  
  });  
  await page.goto('http://lumtest.com/myip.json');  
  await page.screenshot({path: 'example.png'});  
  await browser.close();  
})();
```

Watch video: [connecting Puppeteer with Bright Data super proxy](#)

Note: Chromium user-agent include "HeadlessChrome" that need to be replaced as shown in the example above using `setUserAgent`.



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