

# 1.04 Driver Configuration

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## Firefox

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### Option 1

1. Download [the latest geckodriver binary](#)
2. Add its location to your path
3. Create an instance

```
const { Builder } = require('selenium-webdriver');
const path = require('path');
process.env.PATH += path.delimiter + path.join(__dirname, '..', 'vendor')
driver = new Builder().forBrowser('firefox').build();
```

### Option 2

1. Use `npm` to install the latest geckodriver binary
2. Create an instance

```
> npm install geckodriver
```

```
driver = new Builder().forBrowser('firefox').build();
```

NOTE: For more information about geckodriver check out [its project page](#)

## Chrome

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### Option 1

1. Download [the latest ChromeDriver](#)
2. Add its location to your path
3. Create an instance

```
const { Builder } = require('selenium-webdriver');
const path = require('path');
process.env.PATH += path.delimiter + path.join(__dirname, '..', 'vendor')
driver = new Builder().forBrowser('chrome').build();
```

## Option 2

1. Use `npm` to install the latest geckodriver binary
2. Create an instance

```
> npm install chromedriver
```

```
driver = new Builder().forBrowser('chrome').build();
```

NOTE: For more information about ChromeDriver check out [its project page](#)

## Internet Explorer

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### Option 1

1. Download [the latest IEDriverServer.exe](#)
2. Add its location to your path
3. Create an instance

```
const { Builder } = require('selenium-webdriver');  
const path = require('path');  
process.env.PATH += path.delimiter + path.join(__dirname, '..', 'vendor')  
driver = new Builder().forBrowser('internet explorer').build();
```

### Option 2

1. Use `npm` to install the latest IEDriverServer binary
2. Create an instance

```
> npm install iedriver
```

NOTE: There is additional setup required to make Internet Explorer work with Selenium. For more information check out [the Selenium project Wiki page for InternetExplorerDriver](#).

## Edge

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In order to use Microsoft Edge you need to have access to Windows 10.

### Option 1

1. Download [EdgeDriver](#)

2. Add its location to your path
3. Create an instance

```
const { Builder } = require('selenium-webdriver');
const path = require('path');
process.env.PATH += path.delimiter + path.join(__dirname, '..', 'vendor')
driver = new Builder().forBrowser('edge').build();
```

## Option 2

1. Use `npm` to install the latest IEDriverServer binary
2. Create an instance

```
> npm install edgedriver
```

NOTE: You can download a free virtual machine with Windows 10 from [Microsoft's Modern.IE developer portal](#). After that you need to download the appropriate Microsoft WebDriver server for your build of Windows. To find that go to Start, Settings, System, About and locate the number next to OS Build on the screen.

## Safari

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For Safari, you'll need SafariDriver, which ships with the latest version of Safari.

You just need to enable it from the command-line.

```
> safaridriver --enable
```

```
const { Builder } = require('selenium-webdriver');
driver = new Builder().forBrowser('safari').build();
```

NOTE: For additional details, or information on setup requirements for older versions of macOS, see [the SafariDriver documentation from Apple](#).