**Developer tools on different browsers**

Did you know, every modern web browser includes its own set of developer tools?

If you didn't, that's okay. Developer tools aren't always the easiest thing to find in your browser. So, we've decided to help you out by creating this guide to developer tools!

**Instructions**

* [Google Chrome](https://classroom.udacity.com/courses/ud803/lessons/e98aae00-9563-4fca-b91c-a4e79ca79c27/concepts/74478058180923#google)
* [Mozilla Firefox](https://classroom.udacity.com/courses/ud803/lessons/e98aae00-9563-4fca-b91c-a4e79ca79c27/concepts/74478058180923#firefox)
* [Internet Explorer](https://classroom.udacity.com/courses/ud803/lessons/e98aae00-9563-4fca-b91c-a4e79ca79c27/concepts/74478058180923#explorer)
* [Microsoft Edge](https://classroom.udacity.com/courses/ud803/lessons/e98aae00-9563-4fca-b91c-a4e79ca79c27/concepts/74478058180923#edge)
* [Safari](https://classroom.udacity.com/courses/ud803/lessons/e98aae00-9563-4fca-b91c-a4e79ca79c27/concepts/74478058180923#safari)
* [Opera](https://classroom.udacity.com/courses/ud803/lessons/e98aae00-9563-4fca-b91c-a4e79ca79c27/concepts/74478058180923#opera)

**Google Chrome**

The Chrome DevTools are a set of web authoring and debugging tools built into Google Chrome. Use the DevTools to iterate, debug and profile your site. [Learn more about Chrome DevTools here](https://developers.google.com/web/tools/chrome-devtools/).

To open Chrome DevTools, either right-click on any page element and select Inspect or open the Chrome settings menu in the top-right corner of your browser window and select More Tools > Developer Tools. Alternatively, you can use the shortcuts:

* Command + Option + i (Mac)
* Ctrl + Shift + i (Windows/Linux).

**Mozilla Firefox**

Firefox Developer Tools allow you to examine, edit, and debug HTML, CSS, and JavaScript on the desktop and on mobile. Also, you can download a version of of Firefox called Firefox Developer Edition that is tailored for developers, featuring the latest Firefox features and experimental developer tools. [Learn more about Mozilla Firefox DevTools here](https://developer.mozilla.org/en-US/docs/Tools).

To open Firefox Developer Tools, either right-click on any page element and select Inspect Element or open the Firefox settings menu in the top-right corner of your browser window and select Developer. Alternatively, you can use the shortcuts:

* Command + Option + i (Mac)
* Ctrl + Shift + i (Windows/Linux).

**Internet Explorer**

If you use Internet Explorer, then you can access F12 developer tools by simply pressing F12. The features vary between versions, but starting at Internet Explorer 8 remain pretty consistent. Below, we've linked to documentation for each version, but if you've upgraded to Microsoft Edge, then check the next section.

* [Internet Explorer 8](https://msdn.microsoft.com/en-us/library/dd565628.aspx)
* [Internet Explorer 9](https://msdn.microsoft.com/en-us/library/gg589512.aspx)
* [Internet Explorer 10](https://msdn.microsoft.com/en-us/library/hh673549.aspx)
* [Internet Explorer 11](https://msdn.microsoft.com/en-us/library/bg182636.aspx)

**Microsoft Edge**

Microsoft Edge introduces great new improvements to the F12 developer tools seen in Internet Explorer. The new tools are built in TypeScript, and are always running, so no reloads are required. In addition, F12 developer tools documentation is now fully available on [GitHub](https://github.com/MicrosoftDocs/edge-developer" \t "_blank).

Just like Internet Explorer, to open developer tools in Microsoft Edge simply press F12.

[Learn more about Microsoft Edge DevTools here](https://dev.windows.com/en-us/microsoft-edge/platform/documentation/f12-devtools-guide/).

**Safari**

For any Mac users, Safari includes Web Inspector, a powerful tool that makes it easy to modify, debug, and optimize a website for peak performance and compatibility on both platforms. [Learn more about Safari Web Inspector here](https://developer.apple.com/safari/tools/).

To access Safari's Web Development Tools, enable the Develop menu in Safari’s Advanced preferences. Once enabled, you can right-click on any page element and select Inspect Element to open Web Development Tools or use the shortcut Command + Option + i.

**Opera**

Opera is a fast, lean and powerful web browser. you can open Developer tools in Opera using the following keyboard shortcuts:

* Command + Option + i (Mac)
* Ctrl + Shift + i (Windows/Linux).

Alternatively, you can target a specific element by right-clicking in the page and selecting Inspect Element.