

Sources Panel Overview



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Use the Chrome DevTools **Sources** panel to:

- View files.
- Edit CSS and JavaScript.
- Create and save **Snippets** of JavaScript, which you can run on any page. **Snippets** are similar to bookmarklets.
- Debug JavaScript.
- Set up a **Workspace**, so that changes you make in DevTools get saved to the code on your file system.

View files

Use the **Network** pane to view all of the resources that the page has loaded.

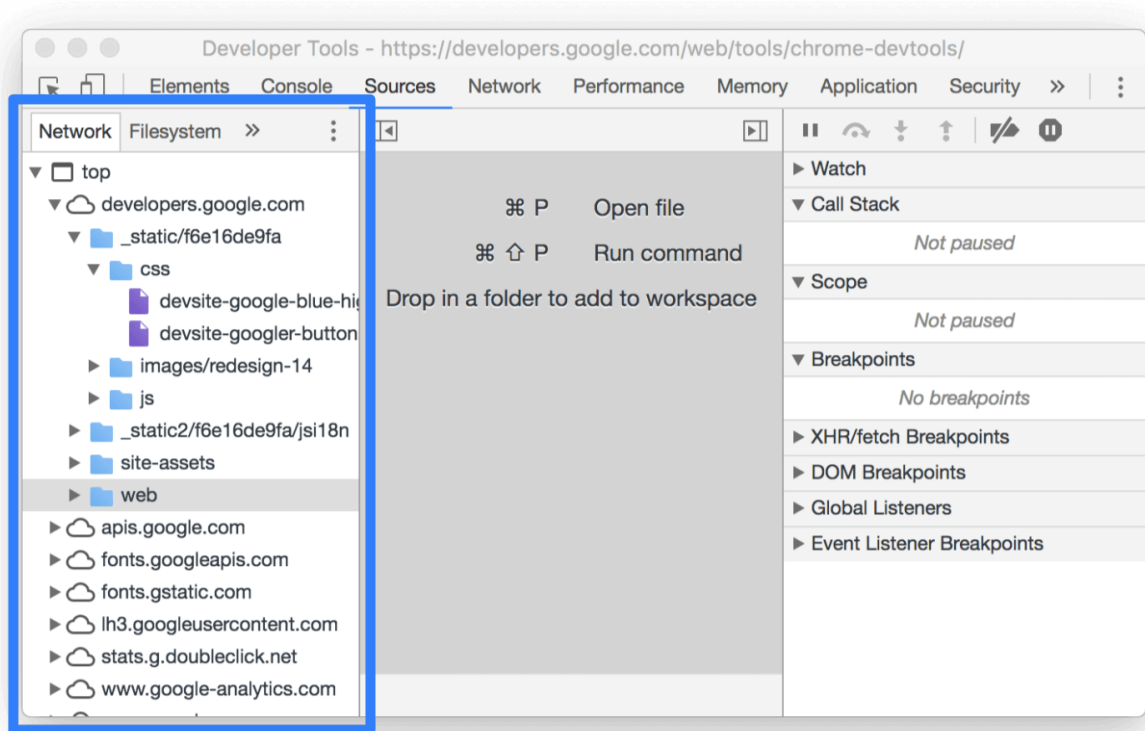


Figure 1. The **Network** pane

How the **Network** pane is organized:

- The top-level, such as **top** in **Figure 1**, represents an HTML frame. You'll find **top** on every page that you visit. **top** represents the main document frame.
- The second-level, such as **developers.google.com** in **Figure 1**, represents an origin.
- The third-level, fourth-level, and so on, represent directories and resources that were loaded from that origin. For example, in **Figure 1** the full path to the resource **devsite-googler-button** is **developers.google.com/_static/f6e16de9fa/css/devsite-googler-button**

Click a file in the **Network** pane to view its contents in the **Editor** pane. You can view any type of file. For images, you see a preview of the image.

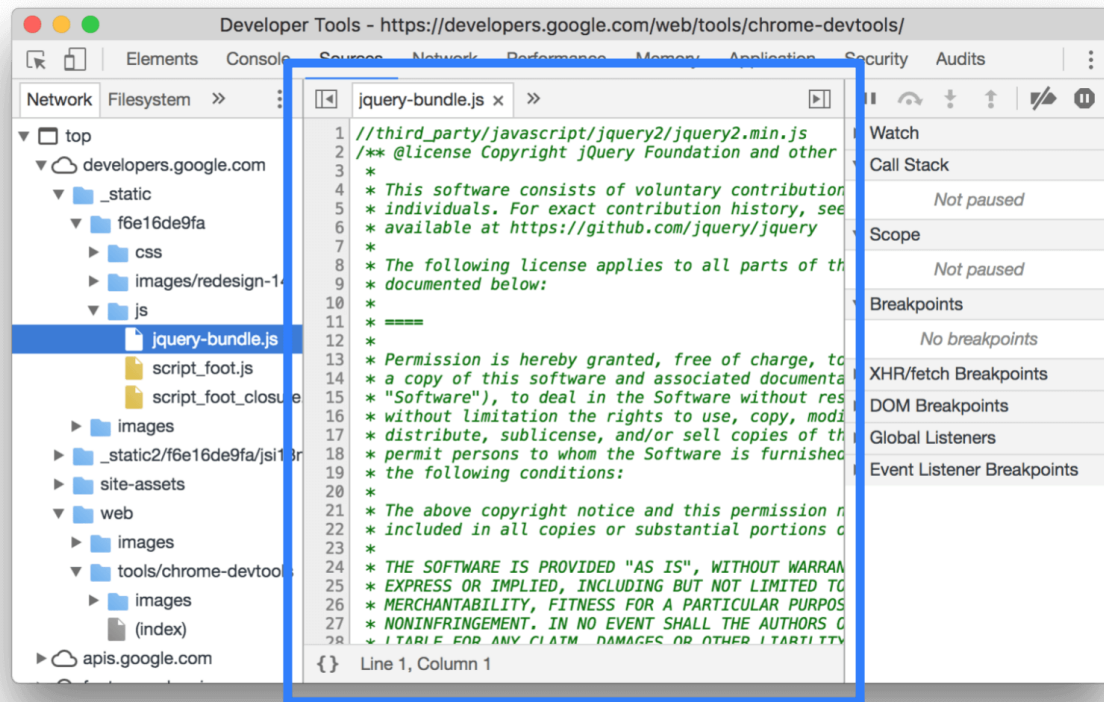


Figure 2. Viewing the contents of `jquery-bundle.js` in the **Editor** pane

Edit CSS and JavaScript

Use the **Editor** pane to edit CSS and JavaScript. DevTools updates the page to run your new code. For example, if you edit the `background-color` of an element, you'll see that change take effect immediately.

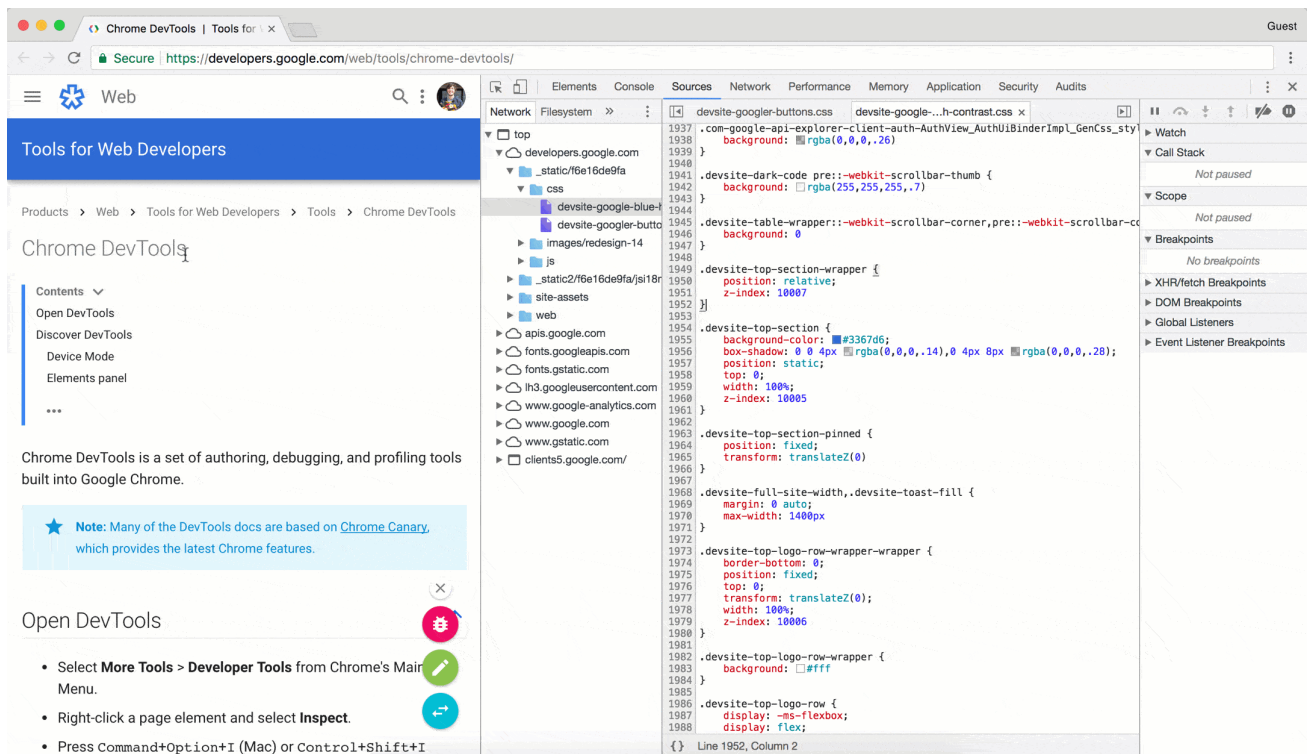


Figure 3. Editing CSS in the **Editor** pane to change the background color of an element from blue to red

CSS changes take effect immediately, no save needed. For JavaScript changes to take effect, press Command+S (Mac) or Control+S (Windows, Linux). DevTools doesn't re-run a script, so the only JavaScript changes that take effect are those that you make inside of functions. For example, in **Figure 4** note how `console.log('A')` doesn't run, whereas `console.log('B')` does. If DevTools re-ran the entire script after making the change, then the text A would have been logged to the **Console**.

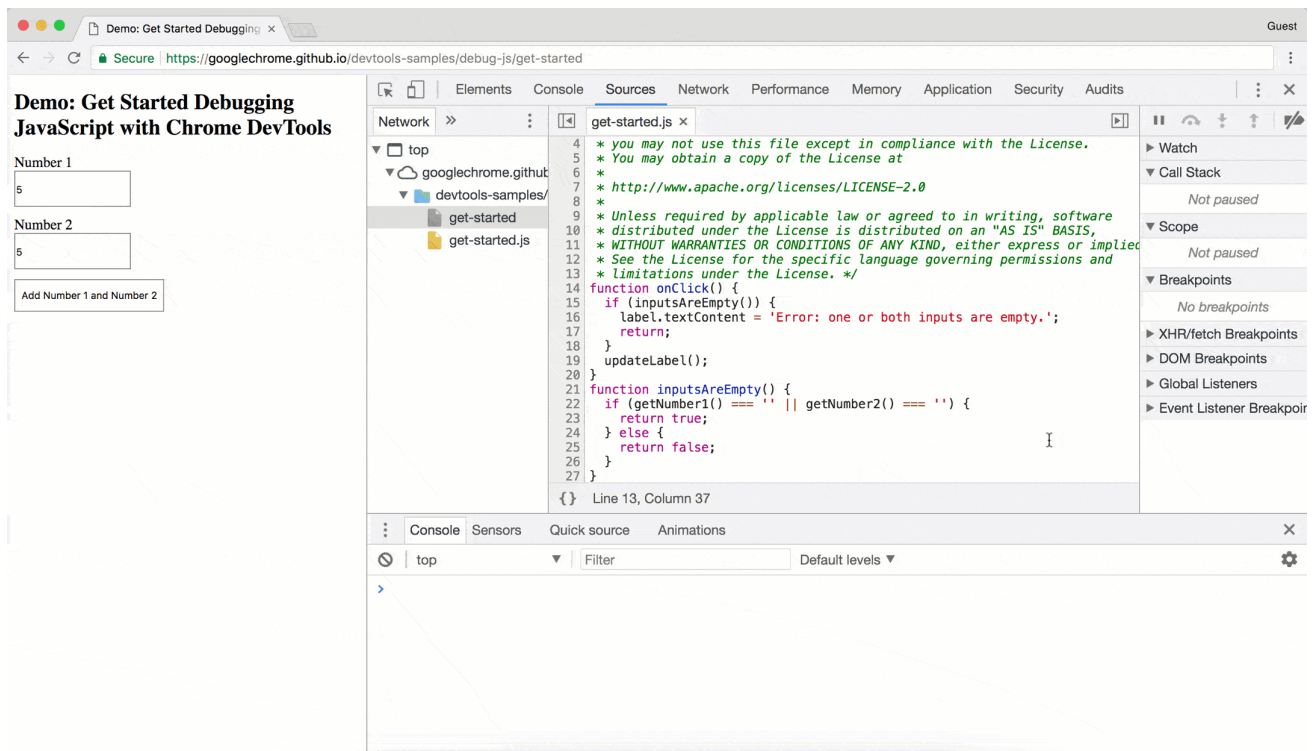


Figure 5. Editing JavaScript in the **Editor** pane

DevTools erases your CSS and JavaScript changes when you reload the page. See [Set up a Workspace](#) to learn how to save the changes to your file system.

Create, save, and run Snippets

Snippets are scripts which you can run on any page. Imagine that you repeatedly type out the following code in the **Console**, in order to insert the jQuery library into a page, so that you can run jQuery commands from the **Console**:

```
let script = document.createElement('script');
script.src = 'https://code.jquery.com/jquery-3.2.1.min.js';
script.crossOrigin = 'anonymous';
script.integrity = 'sha256-hwg4gsxgFZh0sEEamd0YGBf13FyQuiTwlAQgxVSNgt4=';
document.head.appendChild(script);
```

Instead, you can save this code in a **Snippet** and run it with a couple of button clicks, any time you need it. DevTools saves the **Snippet** to your file system.

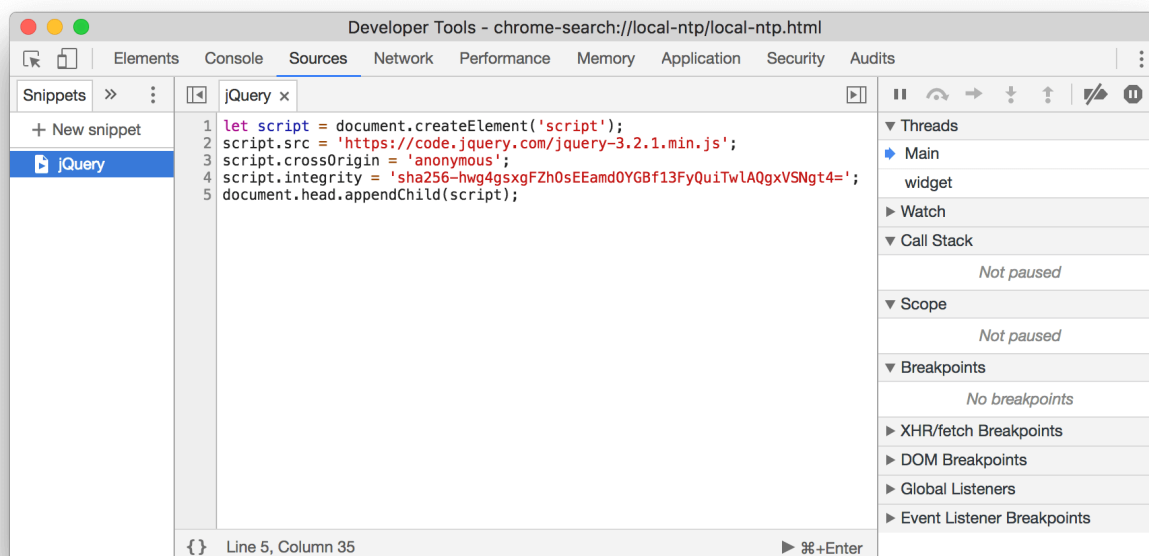


Figure 6. A **Snippet** that inserts the jQuery library into a page

To run a **Snippet**:

- Open the file via the **Snippets** pane, and click **Run** ▶.
- Open the **Command Menu**, delete the > character, type !, type the name of your **Snippet**, then press Enter.

See [Run Snippets Of Code From Any Page](#) to learn more.

Debug JavaScript

Rather than using `console.log()` to infer where your JavaScript is going wrong, consider using the Chrome DevTools debugging tools, instead. The general idea is to set a breakpoint, which is an intentional stopping place in your code, and then step through your code's execution, one line at a time. As you step through the code, you can view and change the values of all currently-defined properties and variables, run JavaScript in the **Console**, and more.

See [Get Started With Debugging JavaScript](#) to learn the basics of debugging in DevTools.

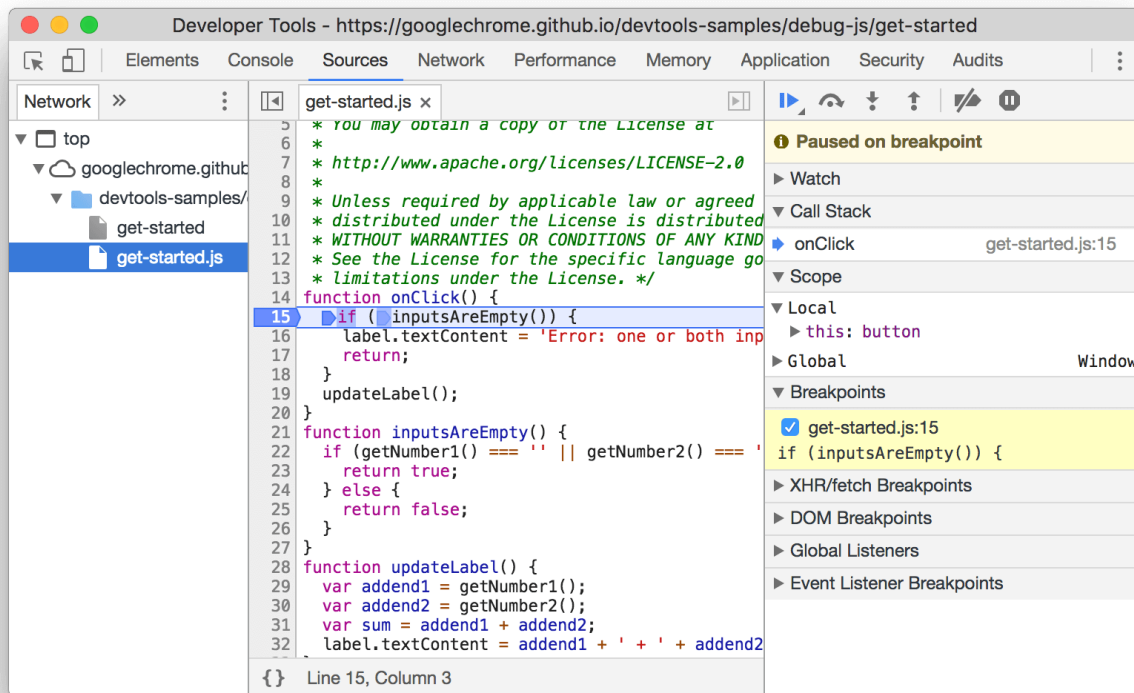


Figure 7. Debugging JavaScript

Set up a Workspace

By default, when you edit a file in the **Sources** panel, those changes are lost when you reload the page. **Workspaces** enable you to save the changes that you make in DevTools to your file system. Essentially, this lets you use DevTools as your code editor.

See [Set Up Persistence With DevTools Workspaces](#) to get started.

Feedback

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