

CSS

CSS GRID & FLEXBOX

GETTING STARTED

Environment setup



IN A ROCKET

Learn front-end development at rocket speed.

A diagram consisting of three rounded rectangular boxes arranged horizontally. The first box on the left is black and contains the word 'EDITOR' in white. To its right is a plus sign, followed by a light gray box containing the word 'BROWSER' in white. To the right of that is another plus sign, followed by a second light gray box containing the words 'DEV TOOLS' in white. The entire diagram is set against a light gray background.

EDITOR

+

BROWSER

+

DEV TOOLS

ENVIRONMENT SETUP: EDITOR

Editor: pre-installed

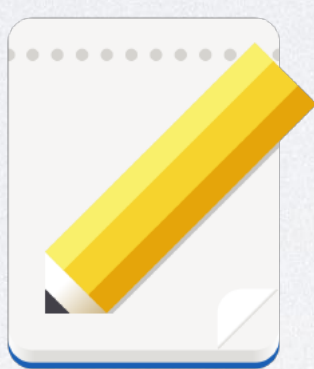
You can just use any text editor preinstalled in your computer.



Notepad



TextEdit



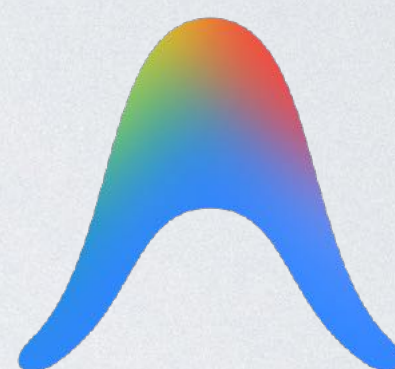
Gedit



Cursor



VS Code



Antigravity^{IDE}



Editor: additional

There are more advanced editors to code. We will use VS Code for this course.

You can use any editor to develop Flexbox and CSS Grid projects. We suggest using VS Code in this workshop as it includes Emmet out-of-the-box. It makes easier to build HTML and be more focused on your CSS.



Most popular IDE.
Source: [Stack Overflow Developer Survey 2025](#).

A diagram consisting of three rounded rectangular boxes arranged horizontally. The first box on the left is light gray and contains the word 'EDITOR' in white. To its right is a dark gray plus sign. The second box in the middle is black and contains the word 'BROWSER' in white. To its right is another dark gray plus sign. The third box on the right is light gray and contains the words 'DEV TOOLS' in white.

EDITOR

+

BROWSER

+

DEV TOOLS

ENVIRONMENT SETUP: BROWSER

Browser: pre-installed

You can just use any preinstalled browser in your computer.



Edge



Safari



Firefox



Chrome



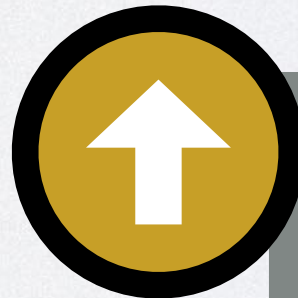
Firefox



Brave

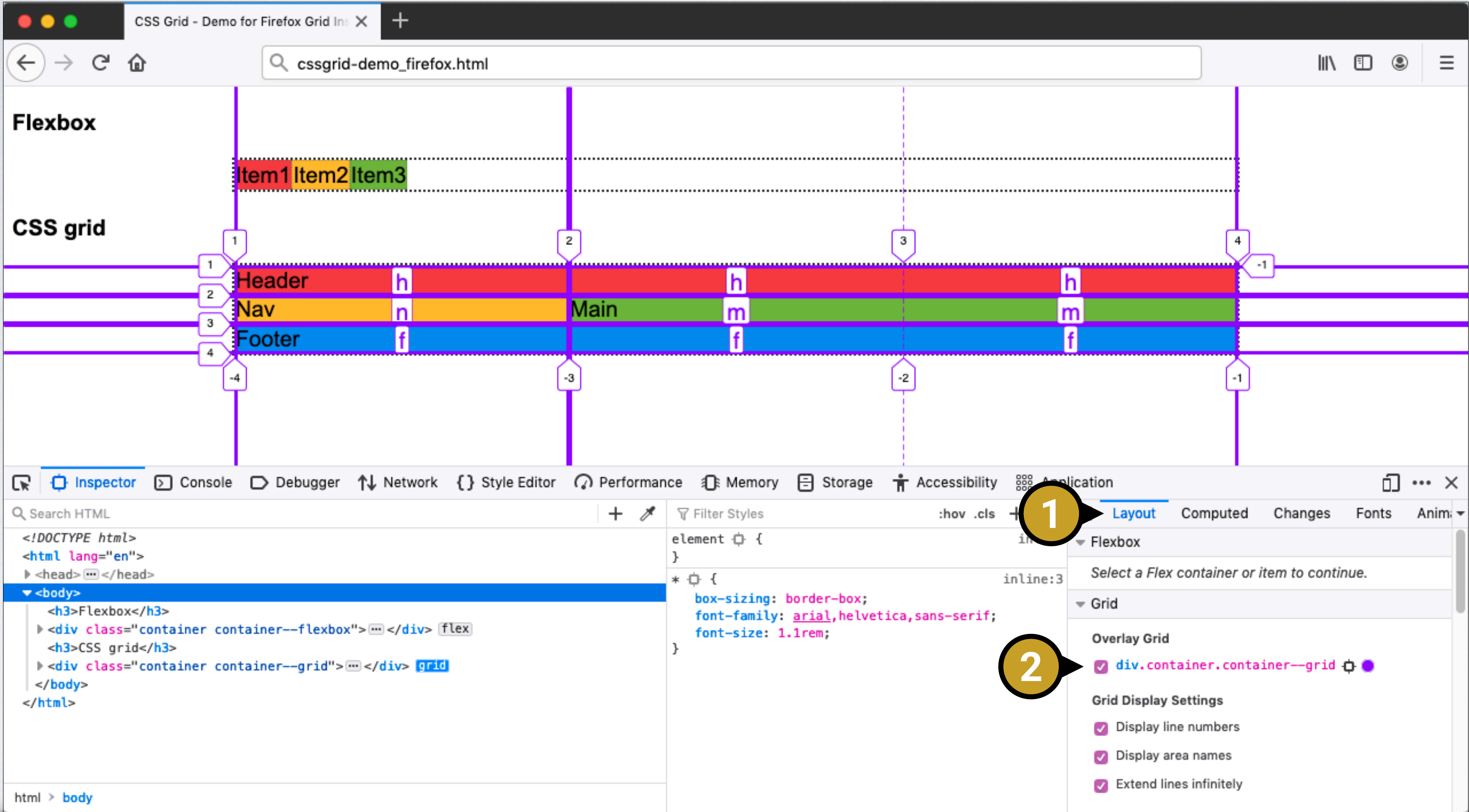


Most used browser worldwide.
Source: [StatCounter](#).

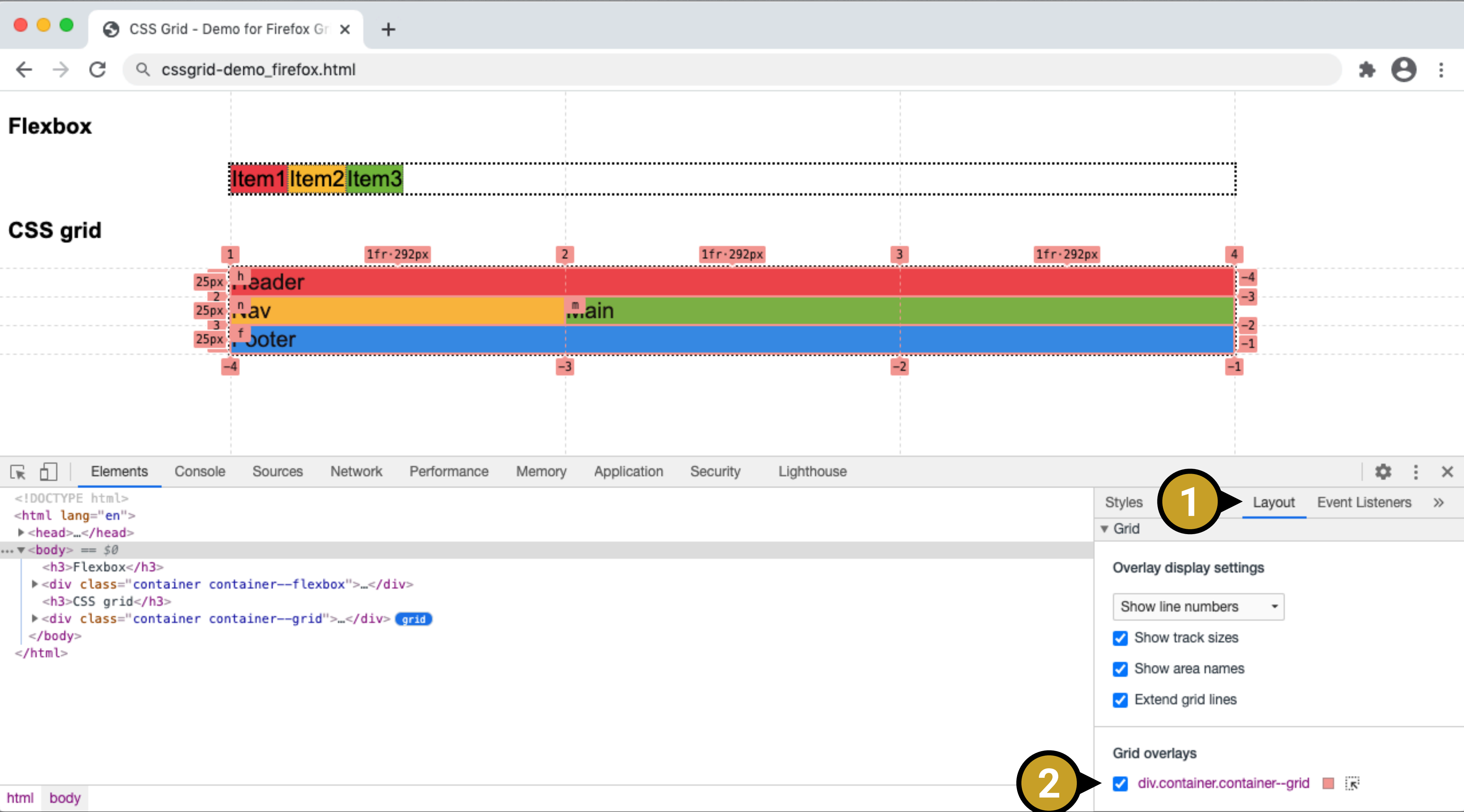


We will use its [Grid Inspector](#) tool when creating layouts.

FIREFOX: CSS GRID INSPECTOR



CHROME: CSS GRID INSPECTOR



A diagram consisting of three rounded rectangular boxes arranged horizontally. The first box is light gray and contains the word 'EDITOR'. To its right is a plus sign. The second box is also light gray and contains the word 'BROWSER'. To its right is another plus sign. The third box is black and contains the words 'DEV TOOLS'.

EDITOR

+

BROWSER

+

DEV TOOLS

Visual Studio Code: Live Server

Visual Studio | Marketplace

Sign in

Visual Studio Code > Other > Live Server

New to Visual Studio Code? [Get it now.](#)



Live Server

Ritwick Dey |  2,690,650 installs |      (199) | Free

Launch a development local Server with live reload feature for static & dynamic pages

[Install](#) [Trouble Installing?](#)

Overview

Q & A

Rating & Review

[I'm sorry but I'm super busy now. If you want to be a maintainer of the project, please feel free to contact me! You've to be passionate about programming]

Live Server

Live Server loves  your multi-root workspace

Live Server for server side pages like PHP. [Check Here](#)

[For 'command not found error' #78]

vscode marketplace

v5.6.1

downloads

5.8M

rating

4.7/5 (199)

travis branch

passing

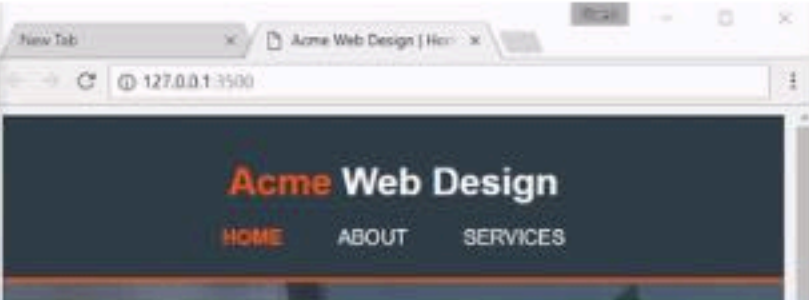
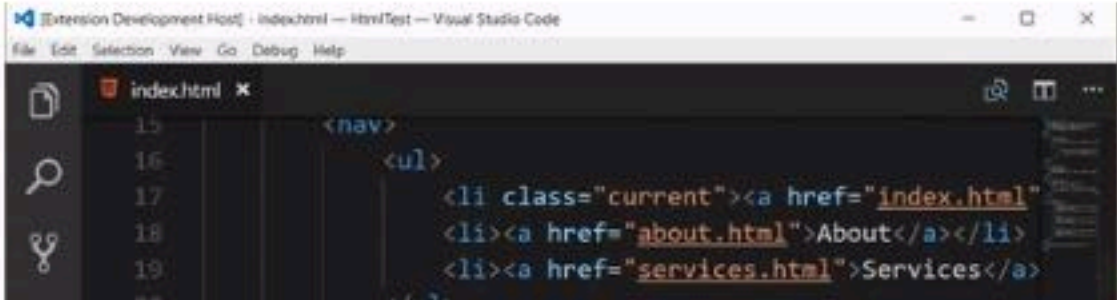
appveyor branch

failing

license

MIT

Launch a local development server with live reload feature for static & dynamic pages.



Categories

Other

Tags

HTML Preview

keybindings

live preview

live reload

multi-root ready

open in browser

svg preview

Resources

[Issues](#)

[Repository](#)

[Homepage](#)

[License](#)

[Changelog](#)

[Download Extension](#)

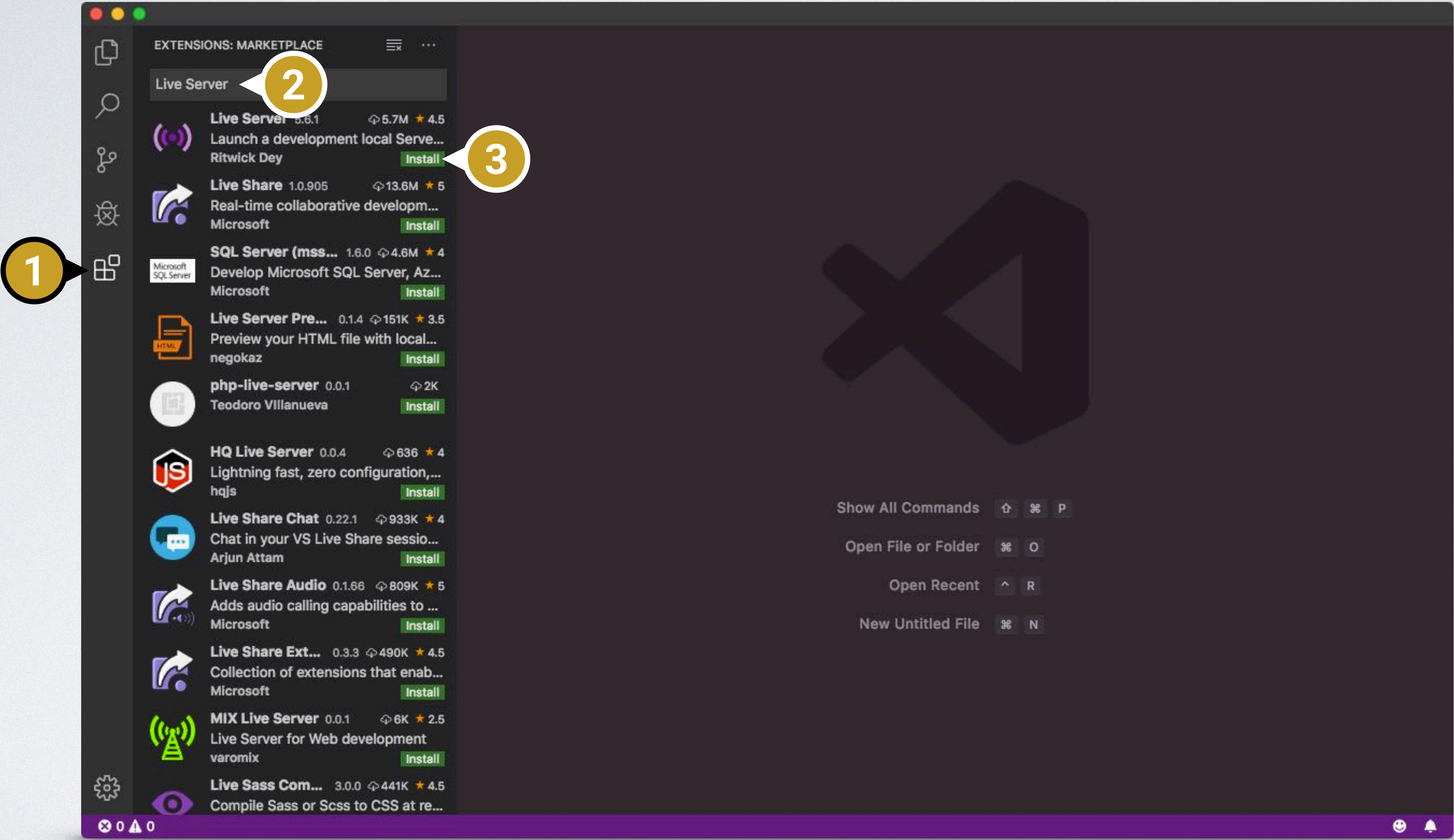
Project Details

 [ritwickdey/vscode-live-server](#)

 [7 Pull Requests](#)

 [226 Open Issues](#)

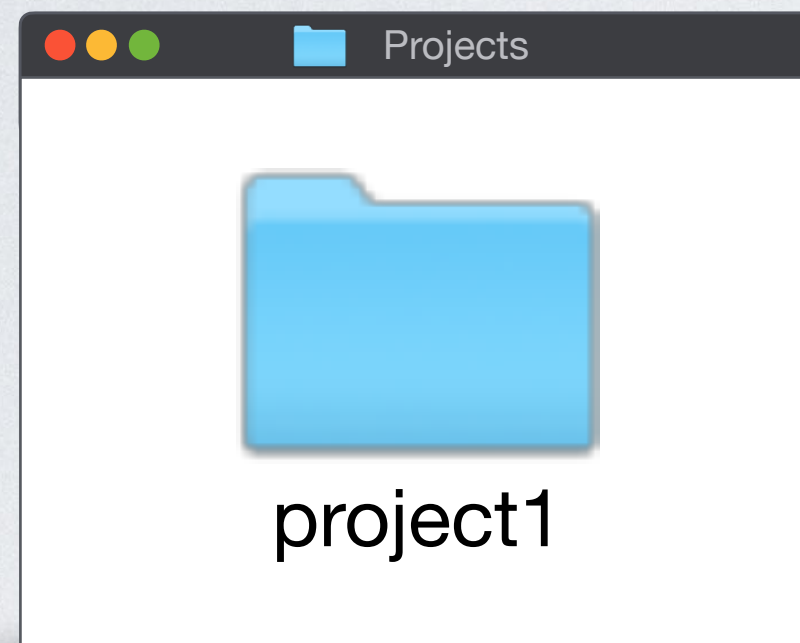
VISUAL STUDIO CODE: LIVE SERVER



VISUAL STUDIO CODE: LIVE SERVER

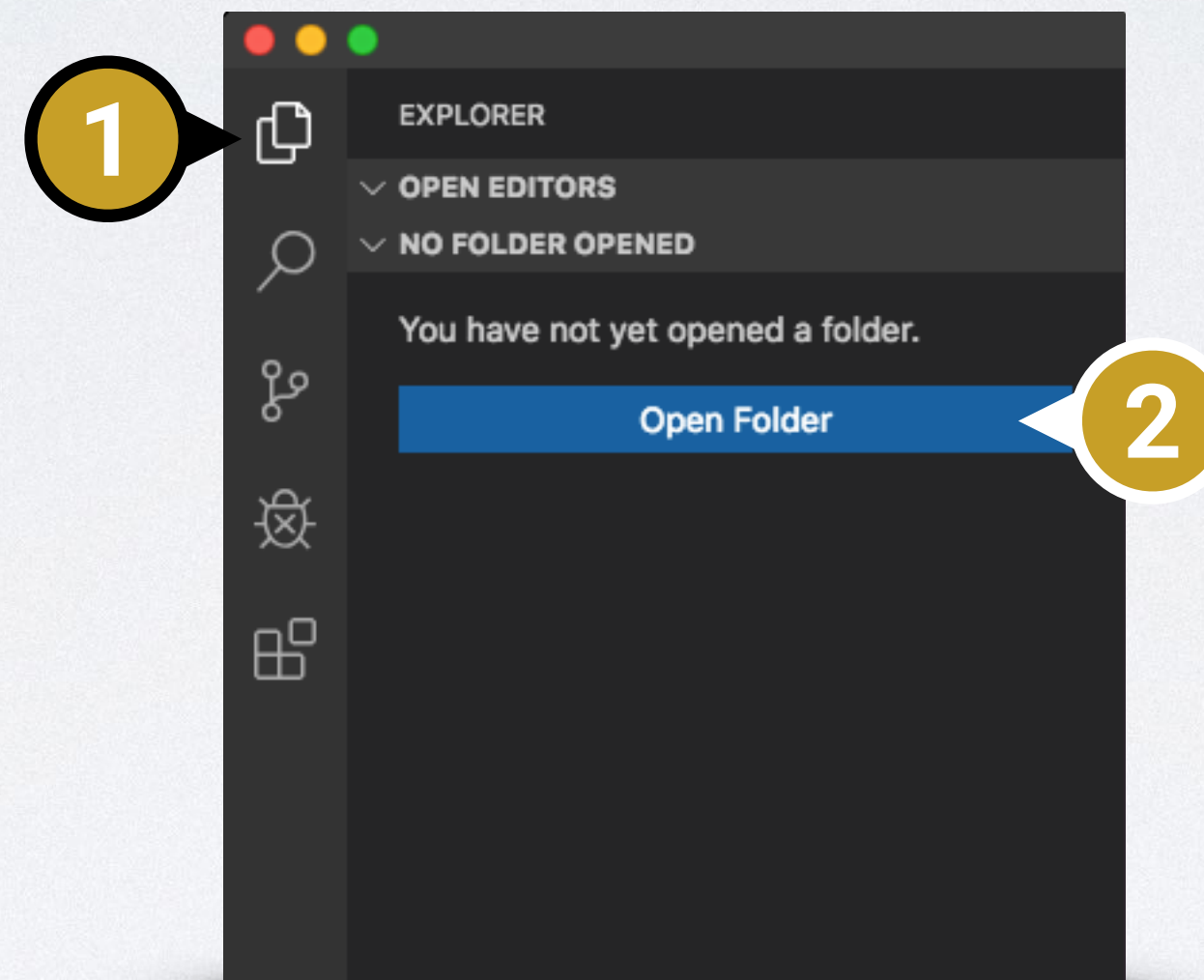
1- PROJECT FOLDER

Create a folder for your project.



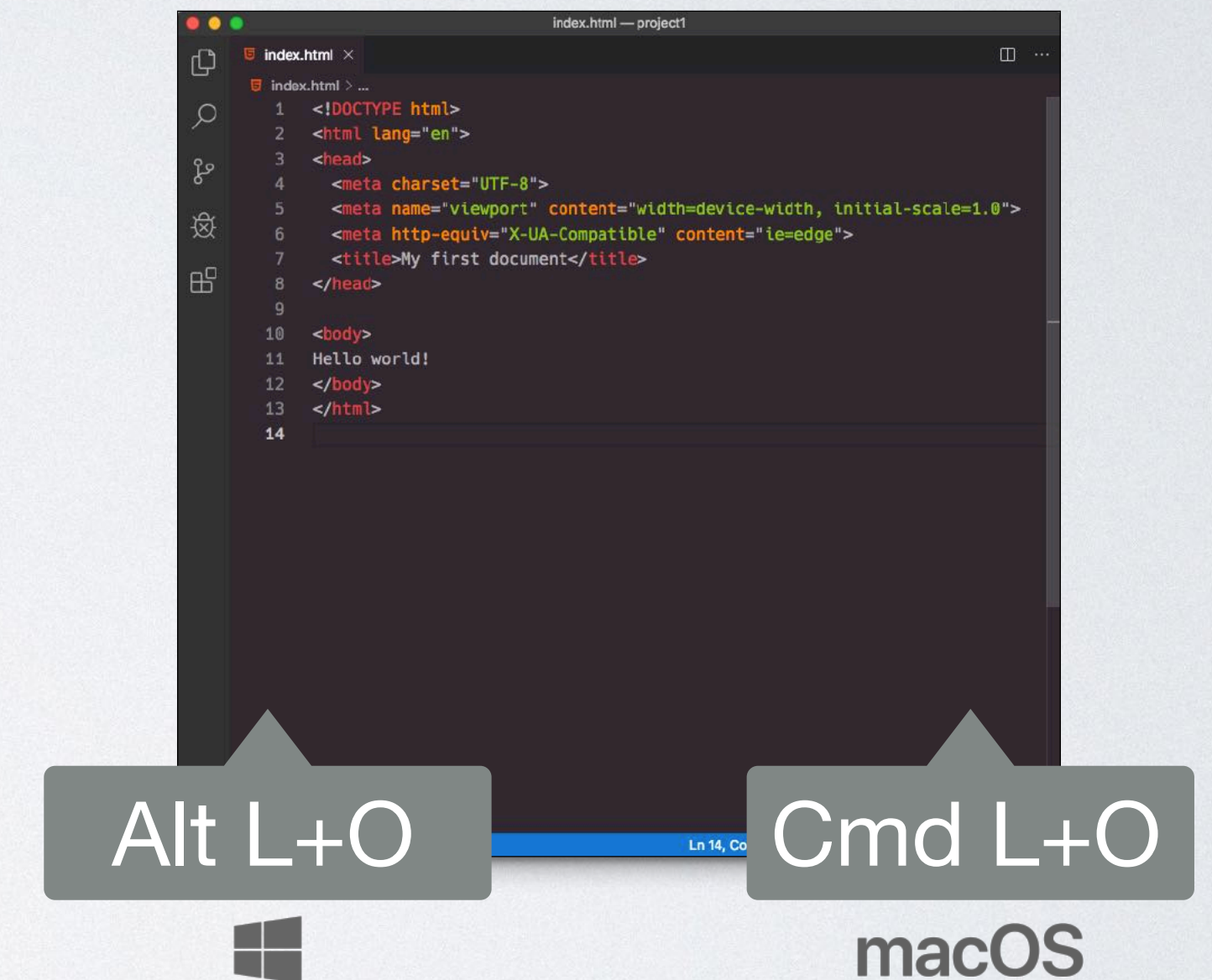
2- OPEN IN VSCODE

Open that folder with Visual Studio Code.



3- LAUNCH LIVE SERVER

Create an HTML file, save it and open it in your browser via Live Server.



BASE CSS

Flexbox & CSS Grid workshop / Base CSS

Copy & paste to easily start playing with Flexbox and CSS grid

HTML

1 <div class="container">
2 <div class="i1">Item1</div>
3 <div class="i2">Item2</div>
4 <div class="i3">Item3</div>
5 <div class="i4">Item4</div>
6 </div>

CSS

1 /* Base */
2 * { box-sizing: border-box; }
3 .container {
4 border: 2px dotted black;
5 }
6 .i1 { background: #EB3D44; }
7 .i2 { background: #FCB935; }
8 .i3 { background: #72B63C; }
9 .i4 { background: #268AEF; }
10 .i5 { background: #A15BCB; }
11 .i6 { background: #D833A0; }
12 .i7 { background: #333; }
13 .i8 { background: #999; }
14
15 /* Flexbox */

JS

1

Item1
Item2
Item3
Item4

Console Assets Comments %

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CSS GRID & FLEXBOX: The CSS layout nightmare is over

inarocket.com

QUICK INSTALLATION

How to install your environment automatically



Chocolatey



Homebrew

macOS

WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

11
Chocolatey
THIS ONE GOES TO 11

[Main](#) [Community](#) [Docs](#) [Blog](#) [Install](#)

[Overview](#) [Product](#) [Solutions](#) [Community](#) [About](#)

Try It Now

THE PACKAGE MANAGER FOR WINDOWS

Modern Software Automation

[Why Chocolatey](#) [Get Started](#) [Find Packages](#)



Announcing 11 Years of Chocolatey
Happy Birthday to Chocolatey! As we turn 11 this week we wanted to make an epic announcement!

[Read the Blog →](#)

Live Webinar
CHOCOLATEY
AND INTUNE
OVERVIEW

CORY KNOX
Junior Software Engineer

STEPHEN VALDINGER
Support Manager

30 March 2022 • 3 PM UTC

Webinar Replay from
Wednesday, 30 March 2022

Let us teach you just how simple it could be to keep your 3rd party applications updated across your devices, all with Intune!

[Watch On-Demand](#)

LIVE ON Twitch
FIND IT, ADD IT
INSTALL IT WITH
SCRIPT BUILDER

Paul Broadwith
Technical Engineering Manager

Gary Ewan Park
Senior Software Engineer

Stephanie Hays
Software Engineer

7 April 2022 at 4PM UTC

Thursday, 07 Apr 2022
6:00 PM GMT+2 / 4:00 PM UTC

Script Builder allows you to bulk install Chocolatey packages in just a few clicks. Join us on Twitch as we dive into Script Builder with a live demo.

[Follow on Twitch](#) [Add to Calendar ▼](#)

CSS GRID & FLEXBOX: The CSS layout nightmare is over

inarocket.com

WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

▼ Step 2: Choose Your Installation Method

Know the Requirements:

- Windows 7+ / Windows Server 2003+
- PowerShell v2+ (minimum is v3 for install from this website due to [TLS 1.2 requirement](#))
- .NET Framework 4+ (the installation will attempt to install .NET 4.0 if you do not have it installed)(minimum is 4.5 for install from this website due to [TLS 1.2 requirement](#))

1. Choose How to Install Chocolatey:

Generic

Individual

Ansible

CHEF

PS DSC

puppet

Install Chocolatey for Individual Use:

1. First, ensure that you are using an [administrative shell](#) - you can also install as a non-admin, check out [Non-Administrative Installation](#).
2. Install with powershell.exe

NOTE: Please inspect <https://community.chocolatey.org/install.ps1> prior to running any of these scripts to ensure safety. We already know it's safe, but you should verify the security and contents of **any** script from the internet you are not familiar with. All of these scripts download a remote PowerShell script and execute it on your machine. We take security very seriously. [Learn more about our security protocols](#).

With PowerShell, you must ensure [Get-ExecutionPolicy](#) is not Restricted. We suggest using [Bypass](#) to bypass the policy to get things installed or [AllSigned](#) for quite a bit more security.

- Run [Get-ExecutionPolicy](#). If it returns [Restricted](#), then run [Set-ExecutionPolicy AllSigned](#) or [Set-ExecutionPolicy Bypass -Scope Process](#).

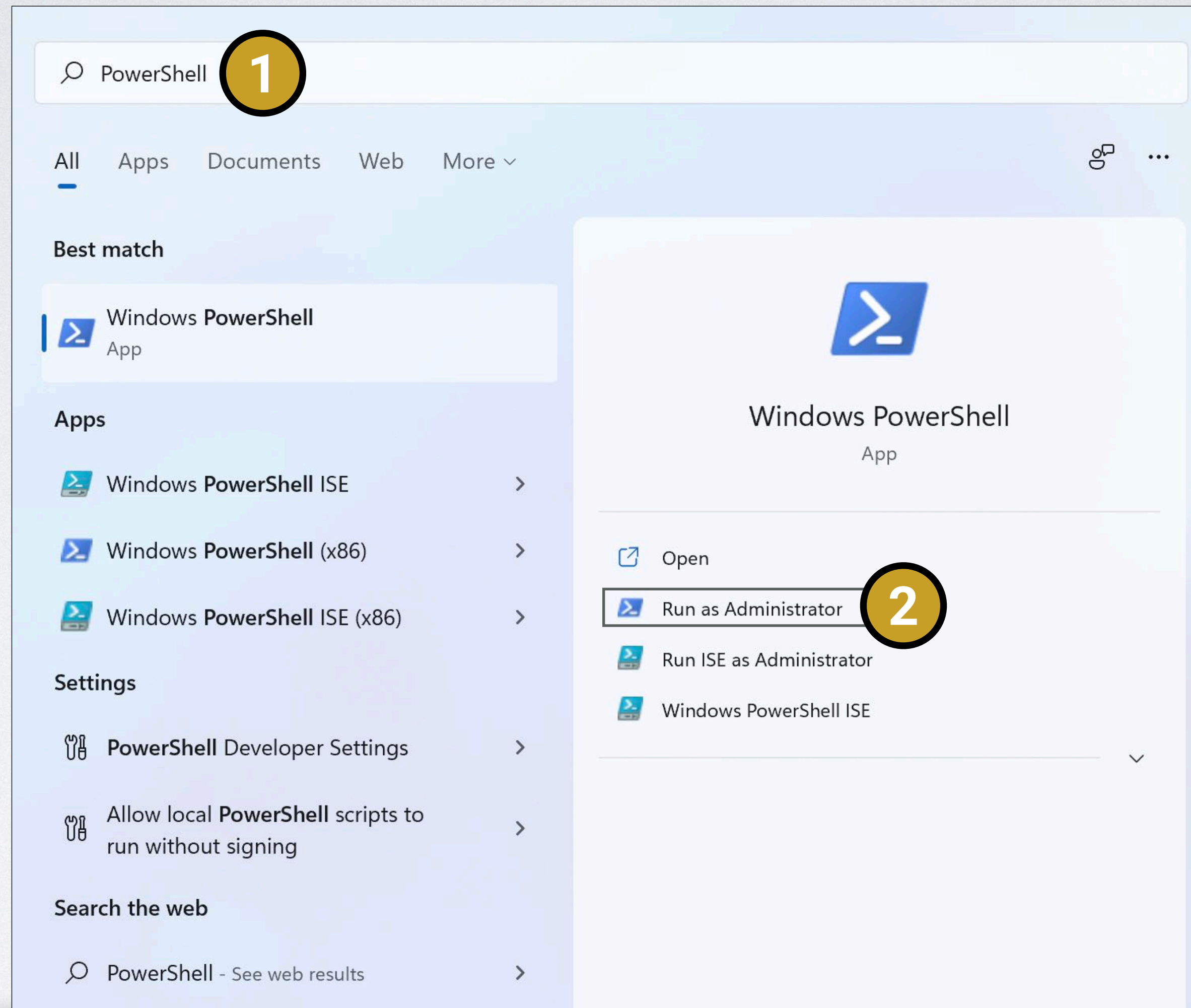
Now run the following command:

```
> Set-ExecutionPolicy Bypass -Scope Process -Force; [System.Net.ServicePointManager]::SecurityProtocol = [System.Net.ServicePointManager]::SecurityProtocol -bor 3072; ie
```

3. Paste the copied text into your shell and press Enter.



WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY



SOURCE: [Chocolatey / Install](#).

WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

Administrator: Windows PowerShell

```
> Set-ExecutionPolicy Bypass -Scope Process -Force;  
[System.Net.ServicePointManager]::SecurityProtocol =  
[System.Net.ServicePointManager]::SecurityProtocol -bor 3072;  
iex ((New-Object  
System.Net.WebClient).DownloadString('https://  
community.chocolatey.org/install.ps1'))
```



Paste from clipboard

SOURCE: [Chocolatey / Install.](#)

WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

Administrator: Windows PowerShell

```
> choco install googlechrome firefox vscode -y
```

Install two browsers and a code editor automatically

WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

Now your work environment is ready and you can easily keep your tools updated with this command:

Administrator: Windows PowerShell

```
> choco upgrade all
```

SOURCE: [Chocolatey / Upgrade](#).



Chocolatey



Homebrew

macOS

MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW



Fork me on GitHub

Homebrew

The Missing Package Manager for macOS (or Linux)

English

Install Homebrew

```
/bin/bash -c "$(curl -fsSL https://raw.githubusercontent.com/Homebrew/install/master/install.sh)"
```

Paste that in a macOS Terminal or Linux shell prompt.

The script explains what it will do and then pauses before it does it. Read about other [installation options](#).

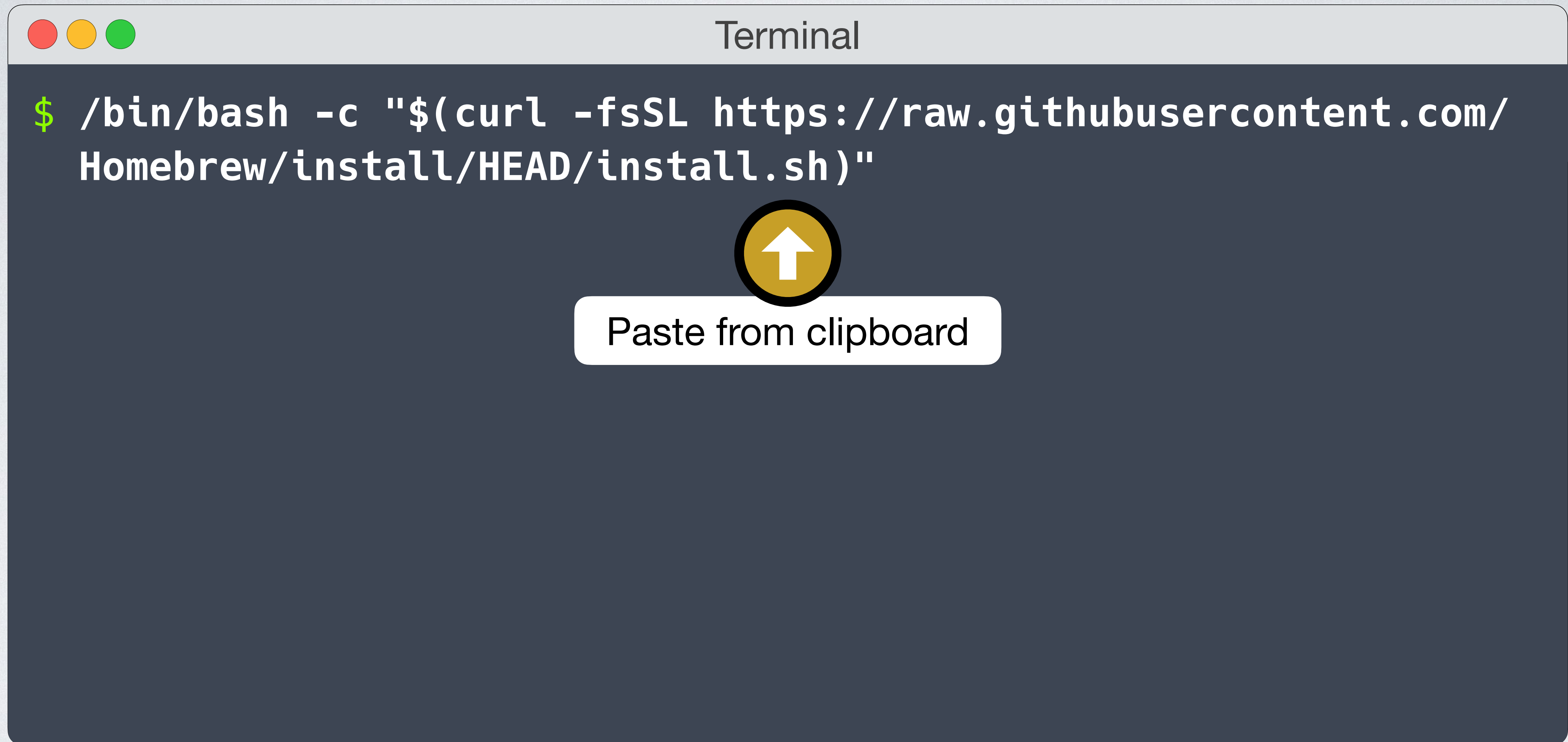
What Does Homebrew Do?

Homebrew installs **the stuff you need** that Apple (or your Linux system) didn't.

```
$ brew install wget
```

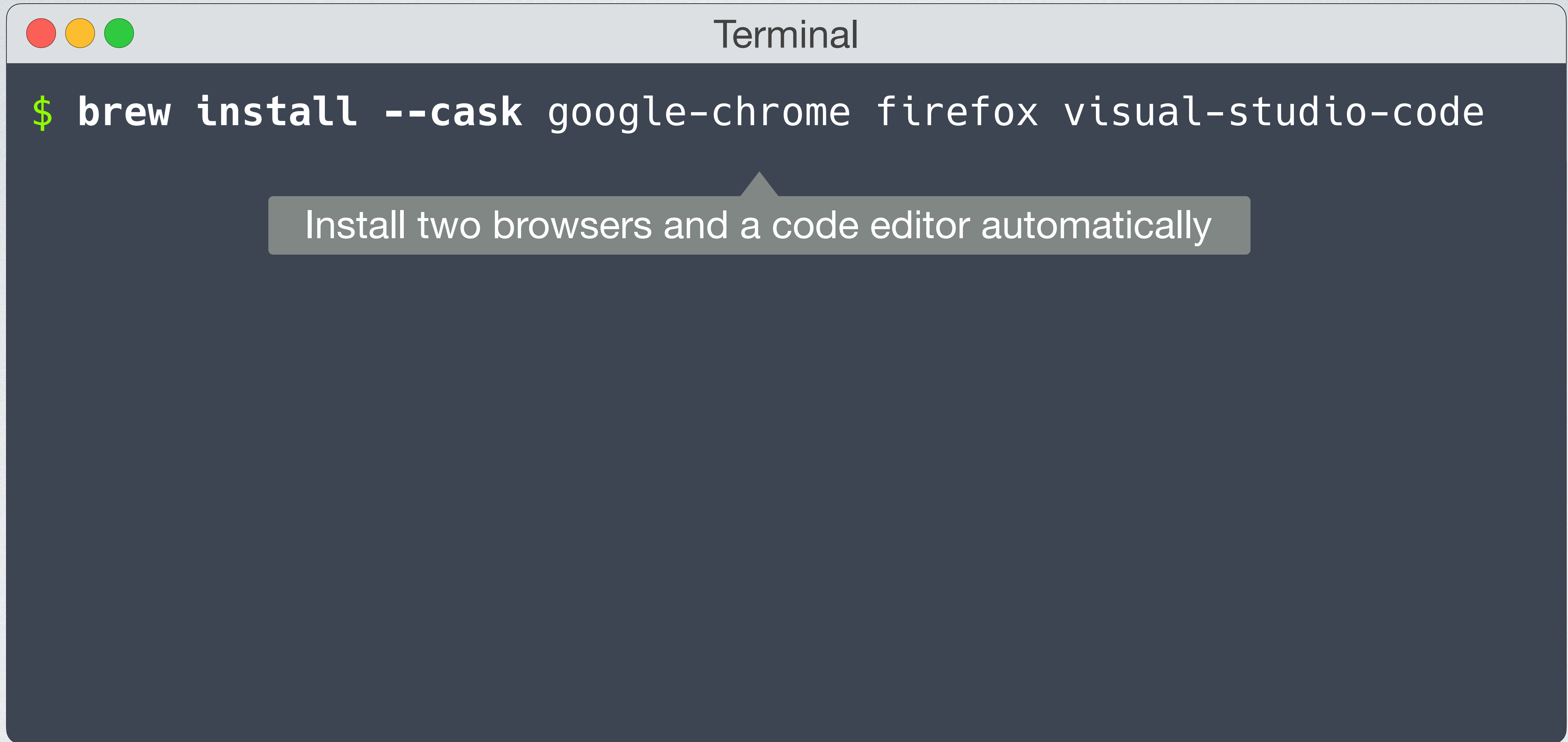


MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW



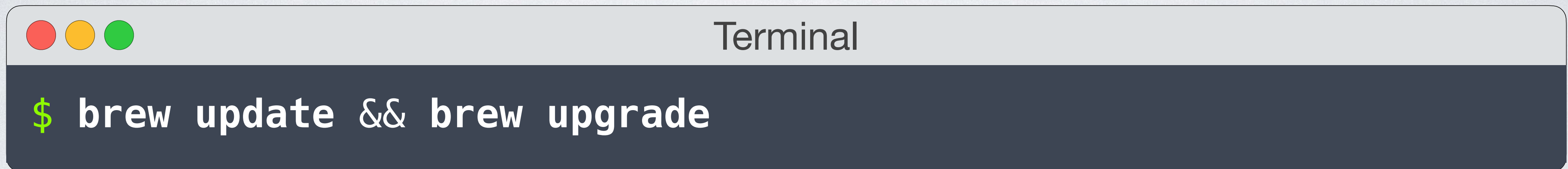
SOURCE: [Homebrew](#) and [Homebrew-Cask](#).

MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW



MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW

Now your work environment is ready and you can easily keep your tools updated with this command:

A screenshot of a macOS Terminal window. The title bar is light gray and contains three colored window control buttons (red, yellow, green) on the left and the word "Terminal" in the center. The main content area has a dark gray background. A green dollar sign (\$) is followed by the text "brew update && brew upgrade" in white.

```
$ brew update && brew upgrade
```

EDITOR



BROWSER



DEV TOOLS



inrocket.com

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