CSS

FLEXBOX & CSS GRID

# Environment

**IN A ROCKET**
Learn front-end development at *rocket speed*

EDITOR + BROWSER + DEV TOOLS

# ENVIRONMENT SETUP: EDITOR

## Editor: pre-installed

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

Notepad

TextEdit

Gedit

## Editor: additional

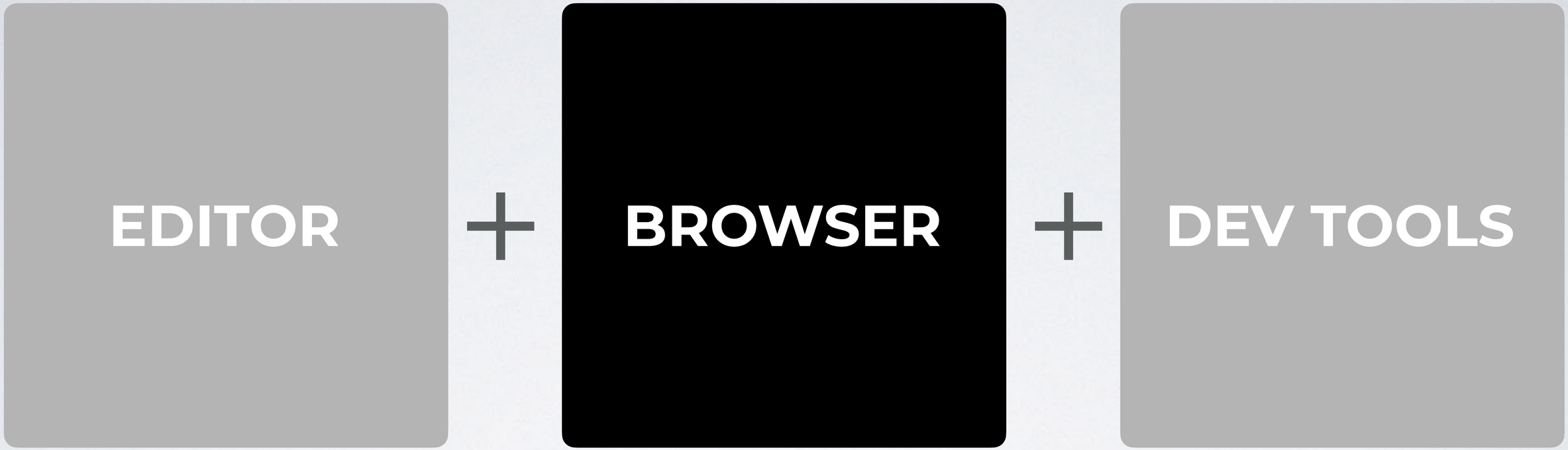
There are more advanced editors to code. We will use VS Code for this course.

Sublime Text

VS Code

Atom

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.


EDITOR
+
BROWSER
+
DEV TOOLS

# ENVIRONMENT SETUP: BROWSER

## Browser: pre-installed

You can just use any preinstalled browser in your computer.

Edge

Safari

Firefox

## Browser: additional

There are other browsers that you can also install in your computer.

Chrome

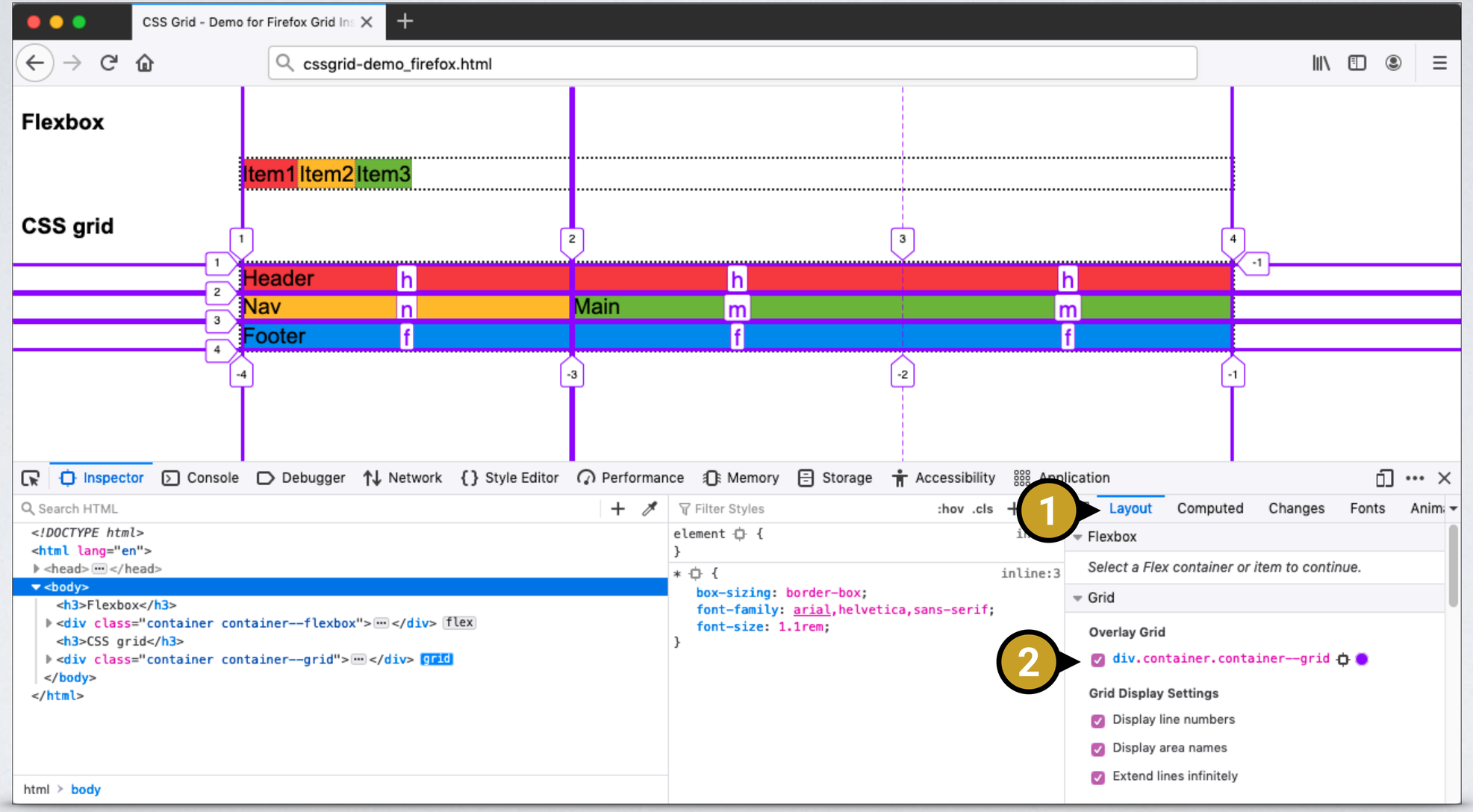
Firefox

Opera

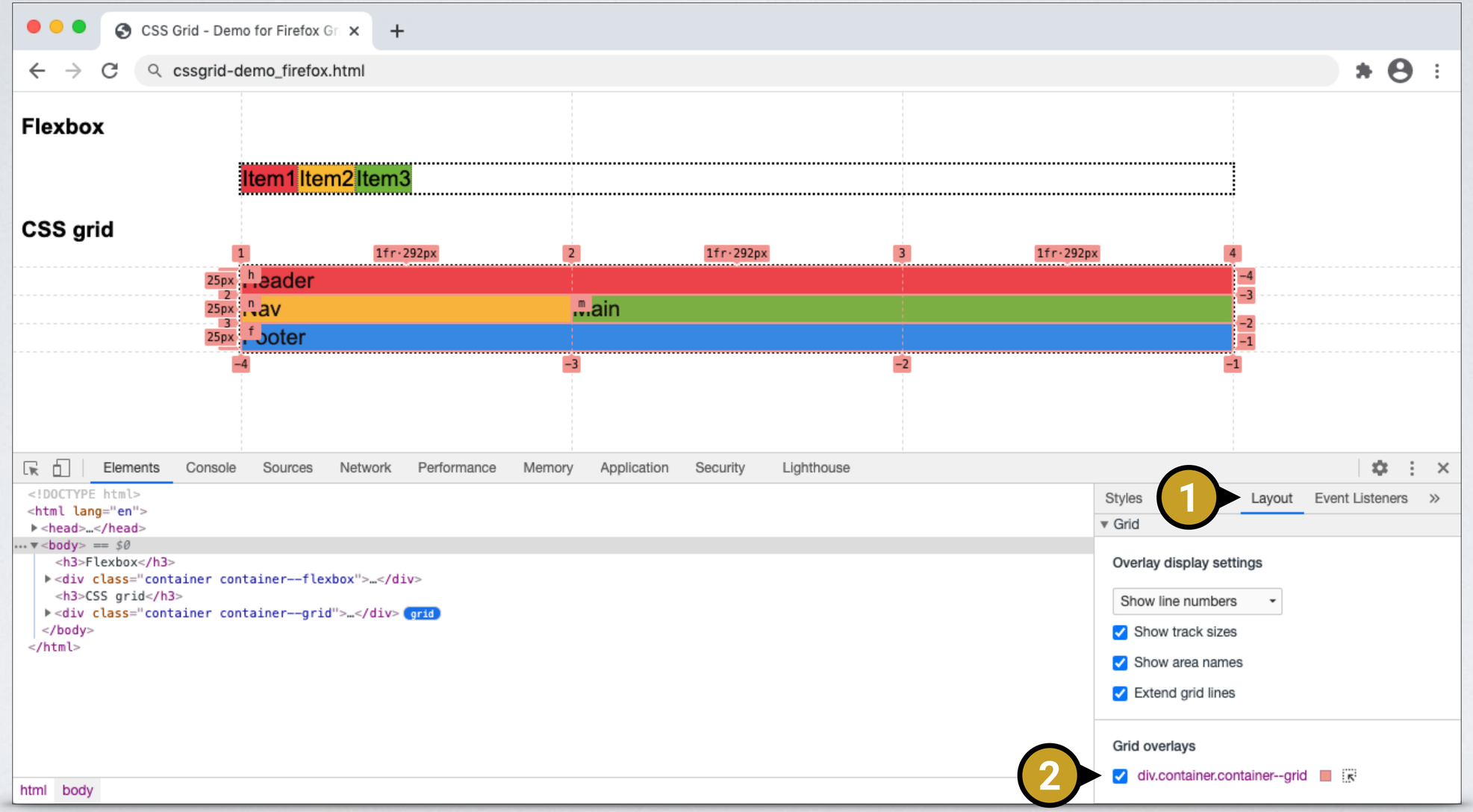
Most used browser worldwide.
Source: StatCounter.

We will use its Grid Inspector tool when creating layouts.

# FIREFOX: CSS GRID INSPECTOR



# CHROME: CSS GRID INSPECTOR



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**

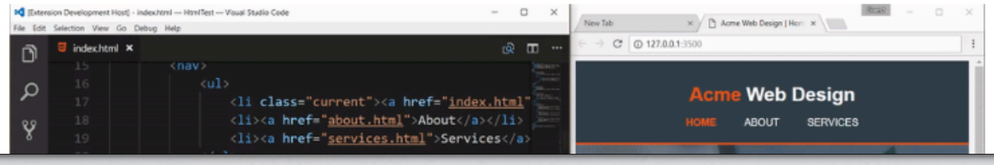
> Live Server for server side pages like PHP. **Check Here**

> *[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

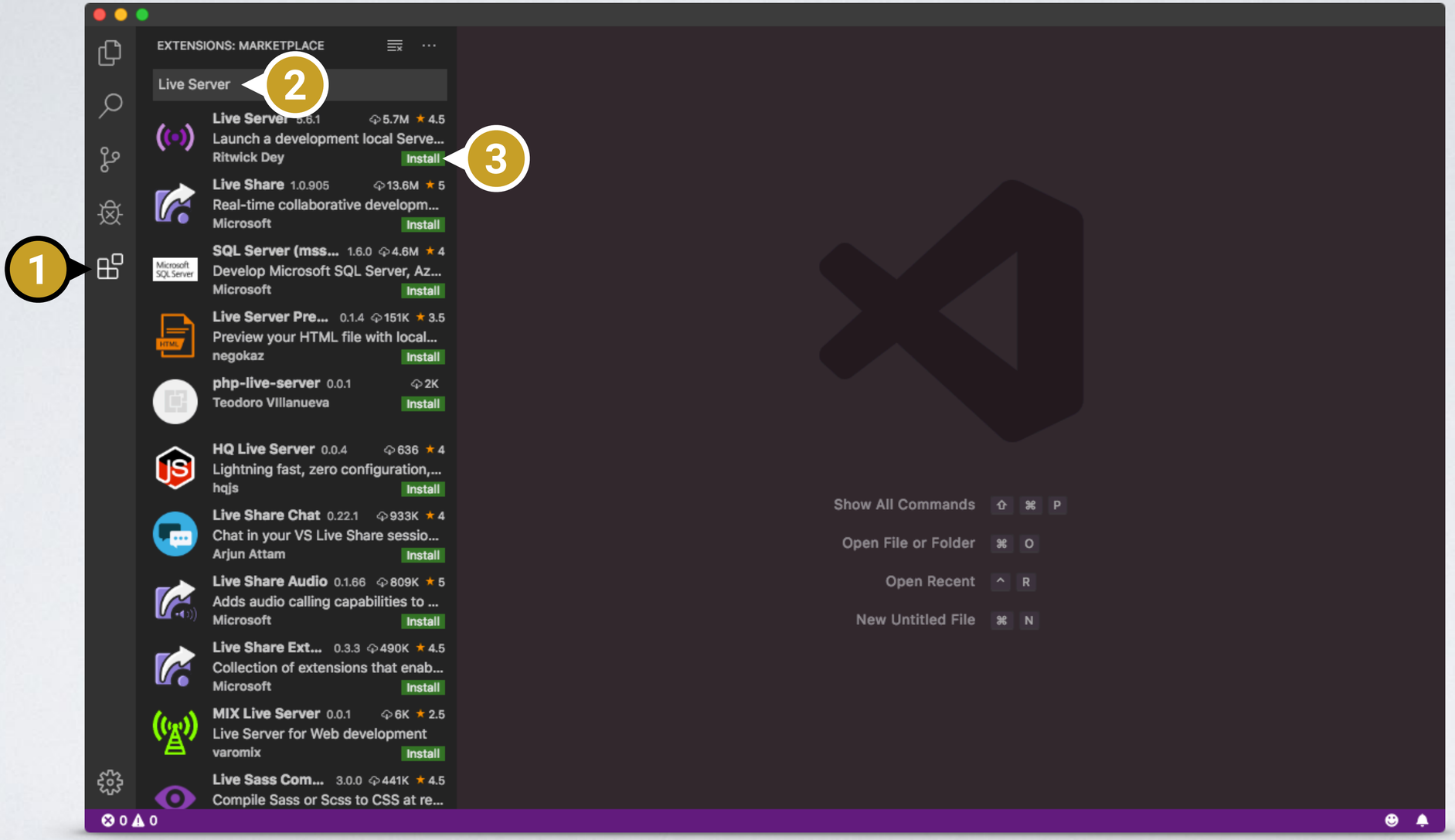
**Resources**

Issues
Repository
Homepage
License
Changelog
Download Extension

**Project Details**

ritwickdey/vscode-live-server
7 Pull Requests
226 Open Issues

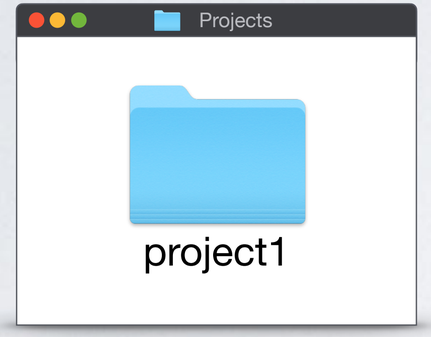
# VISUAL STUDIO CODE: LIVE SERVER



# VISUAL STUDIO CODE: LIVE SERVER

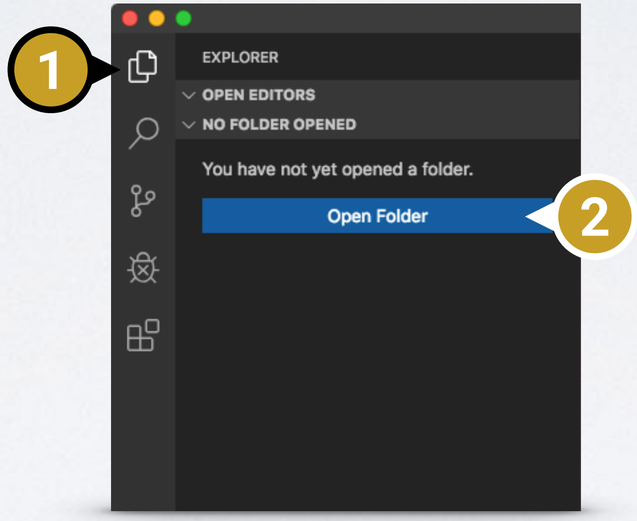
## 1- PROJECT FOLDER

Create a folder for your project.



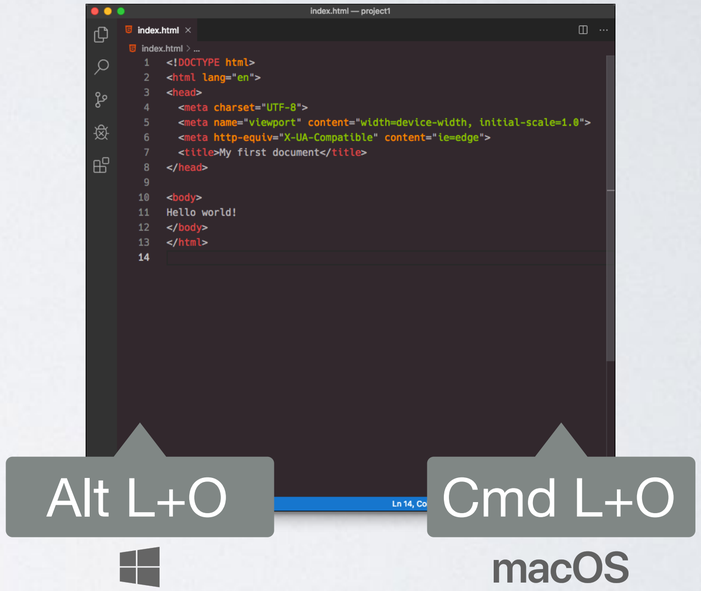

## 2- OPEN IN VSCODE

Open that folder with Visual Studio Code.

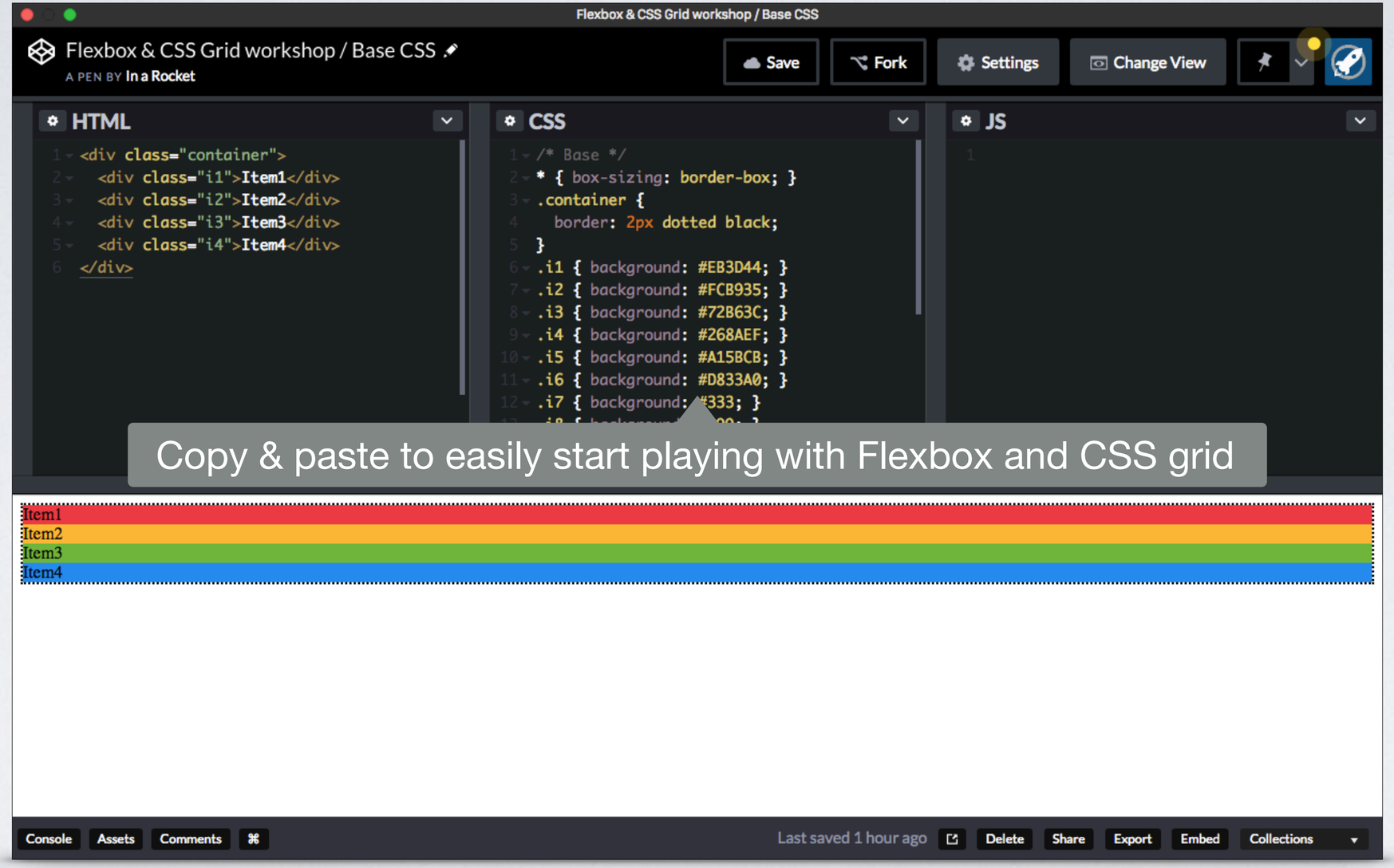



## 3- LAUNCH LIVE SERVER

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



# BASE CSS


Flexbox & CSS Grid workshop / Base CSS
Flexbox & CSS Grid workshop / Base CSS
A PEN BY In a Rocket
Save
Fork
Settings
Change View
HTML

Item1
Item2
Item3
Item4

CSS
/* Base */
* { box-sizing: border-box; }
.container {
border: 2px dotted black;
}
.i1 { background: #EB3D44; }
.i2 { background: #FCB935; }
.i3 { background: #72B63C; }
.i4 { background: #268AEF; }
.i5 { background: #A15BCB; }
.i6 { background: #D833A0; }
.i7 { background:
JS
Copy & paste to easily start playing with Flexbox and CSS grid
Item1
Item2
Item3
Item4
Console
Assets
Comments
Last saved 1 hour ago
Delete
Share
Export
Embed
Collections

# INSTALLATION

~ ~ ~

Chocolatey
Chocolatey

Homebrew
macOS

Chocolatey
Chocolatey

Homebrew
macOS

# WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

# WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

## Chocolatey Install:

**Individual** | Organization

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://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.ServicePointManage
```

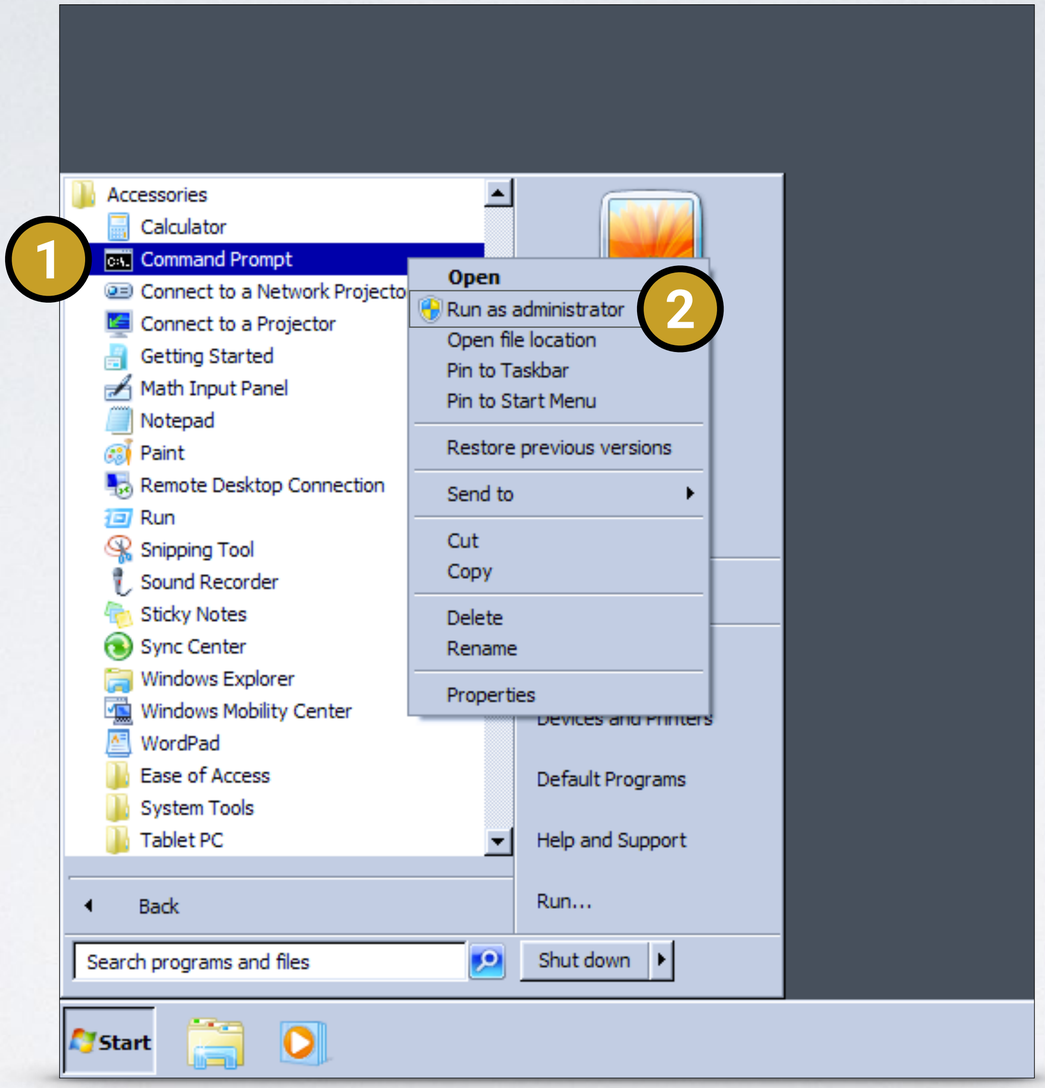
3. Paste the copied text into your shell and press Enter.
4. Wait a few seconds for the command to complete.
5. If you don't see any errors, you are ready to use Chocolatey! Type `choco` or `choco -?` now, or see **Getting Started** for usage instructions.

## Chocolatey Licensed Install:

Are you also installing a commercial edition of Chocolatey?

Please see **Install the Licensed Edition**.

# WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY




**SOURCE**: Chocolatey / Install.

# WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

Administrator: Command Prompt

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

Paste from clipboard

**SOURCE**: Chocolatey / Install.

# WINDOWS: INSTALL YOUR ENVIRONMENT WITH CHOCOLATEY

Administrator: Command Prompt

```
> 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: Command Prompt

```
> choco upgrade all
```

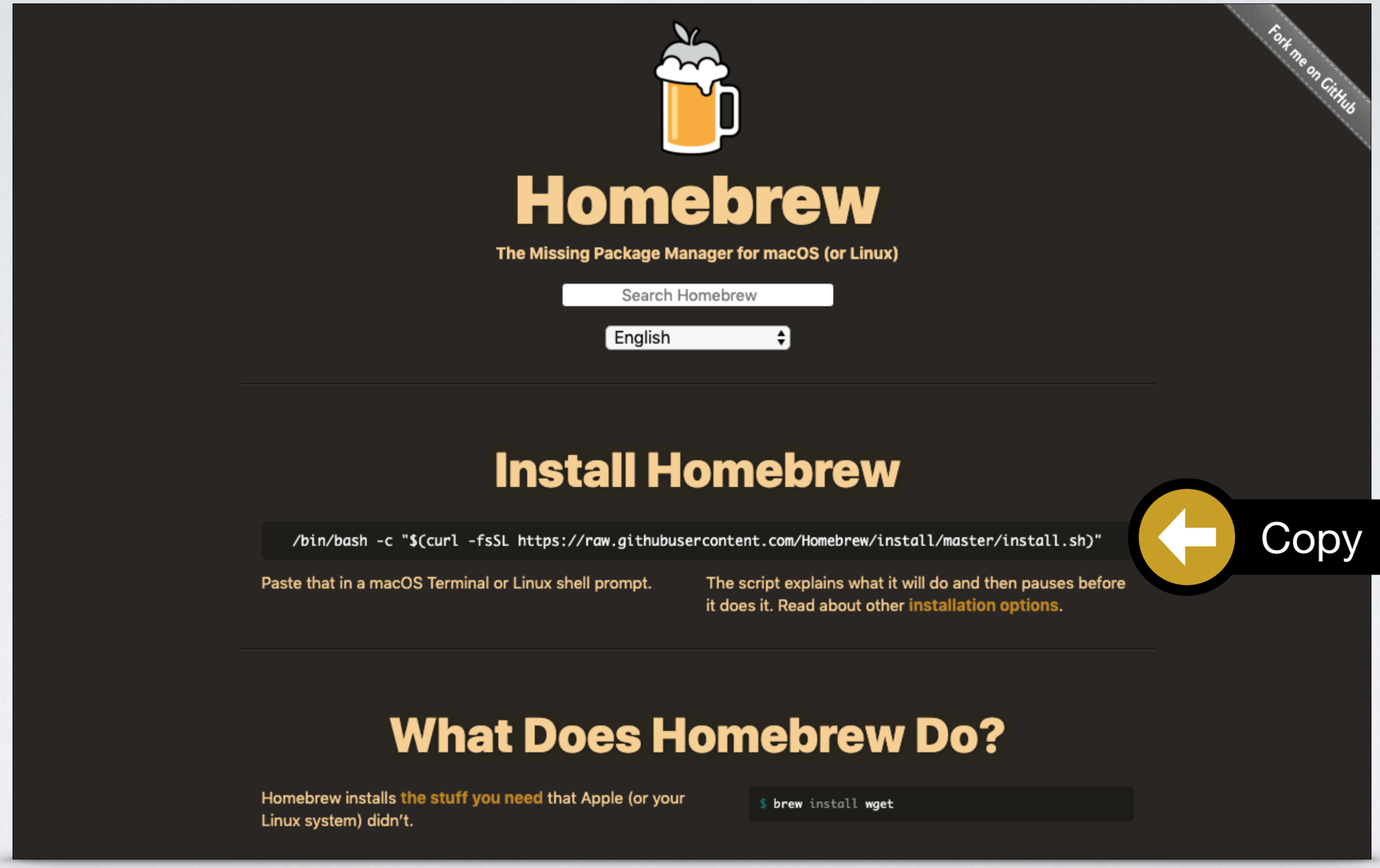
**SOURCE**: Chocolatey / Upgrade.

Chocolatey

Homebrew

macOS

# MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW



# MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW

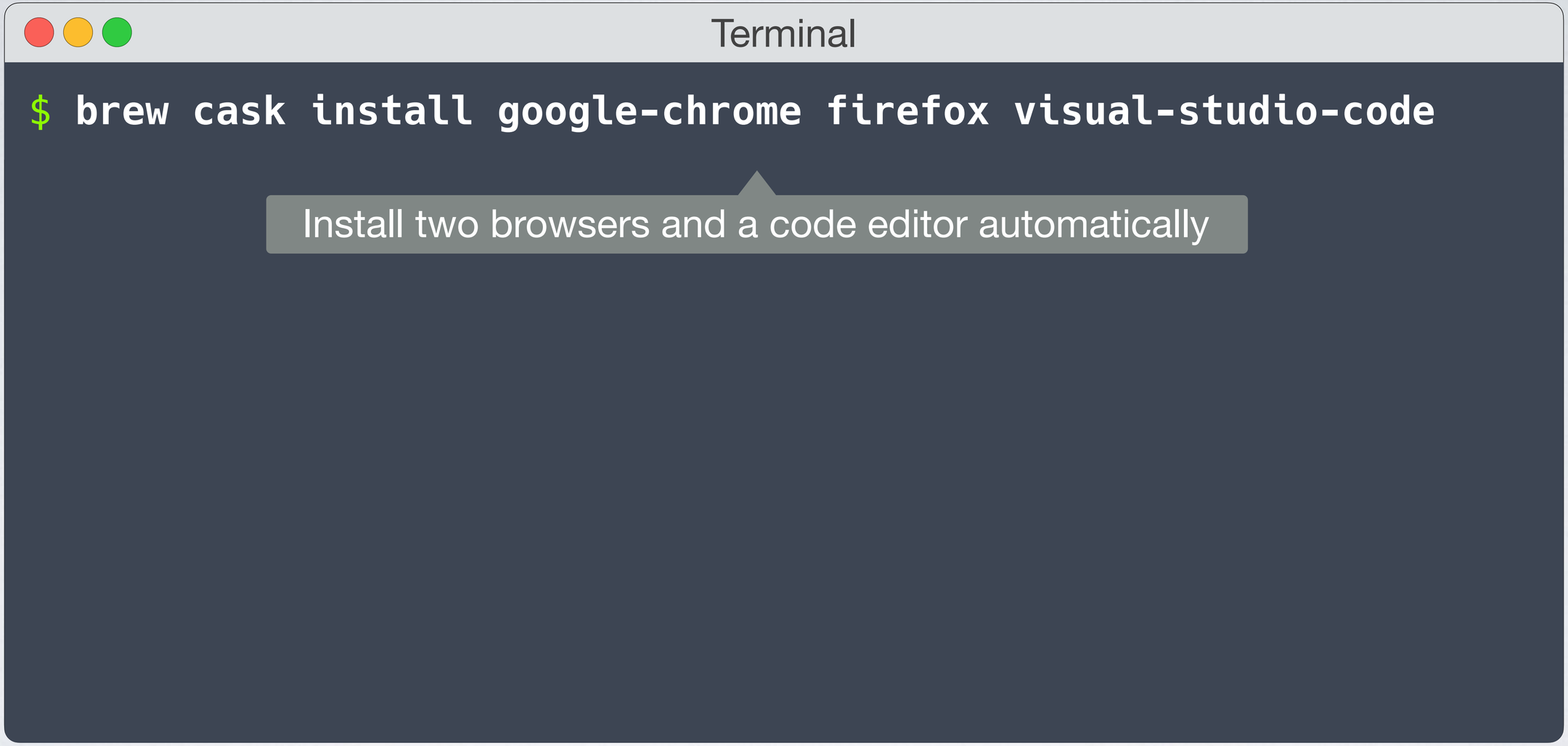
Terminal

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

Paste from clipboard

**SOURCE**: Homebrew and Homebrew-Cask.

# MACOS: INSTALL YOUR ENVIRONMENT WITH HOMEBREW



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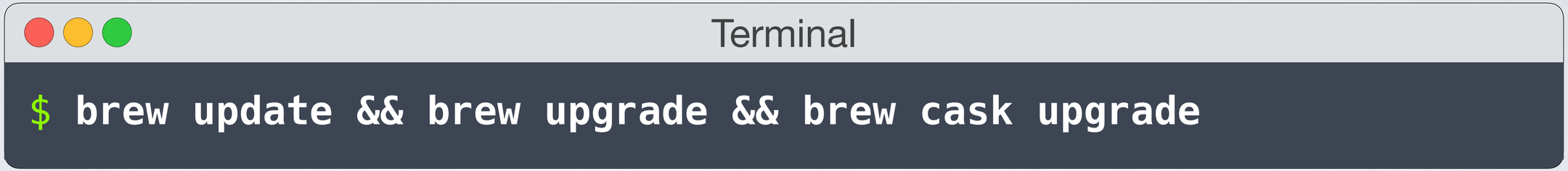

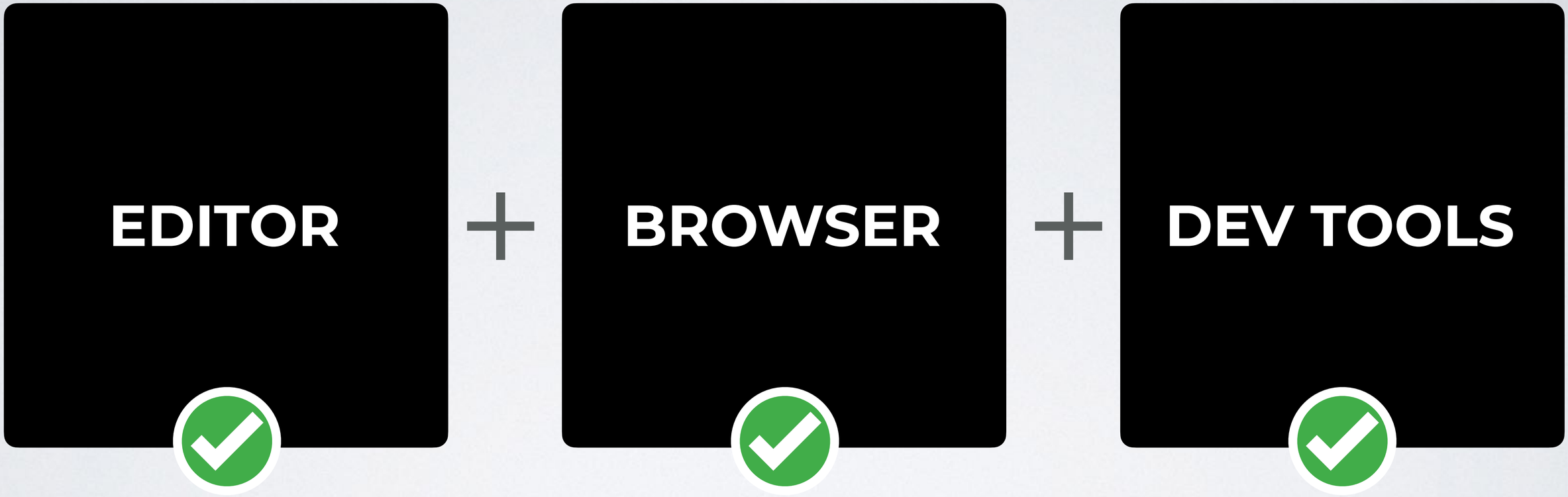
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# Environment

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