⚛ **React**   Docs   Tutorial   Blog   Community   🔍 Search   v17.0.1   🗛 Languages   GitHub ⧉

React

A JavaScript library for building user interfaces

Get Started   Take the Tutorial ›

Declarative

React makes it painless to create interactive
UIs. Design simple views for each state in your

Component-Based

Build encapsulated components that manage
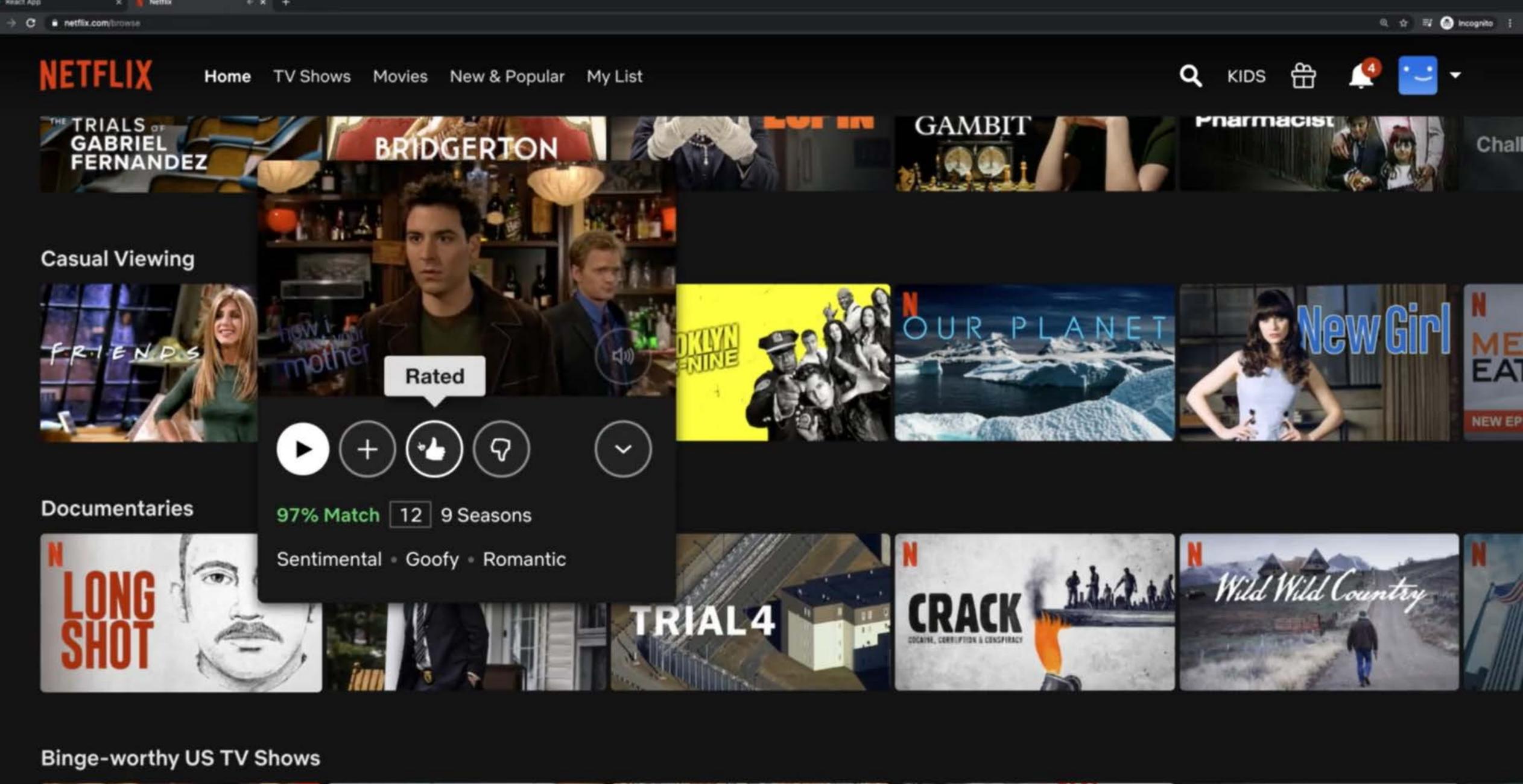their own state, then compose them to make

Learn Once, Write Anywhere

We don't make assumptions about the rest of
your technology stack, so you can develop new

Udemy

ACADE
MIND

React is a JavaScript library for
building user interfaces

netflix.com/browse

incognito
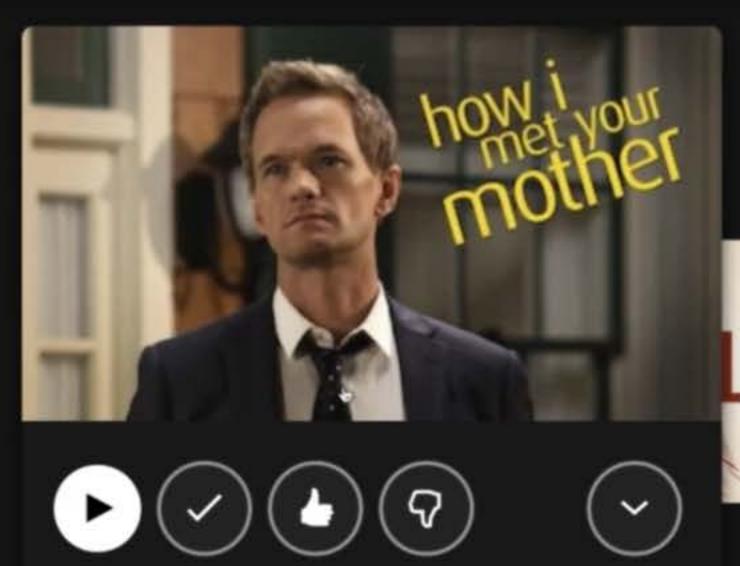
NETFLIX

Home   TV Shows   Movies   New & Popular   My List

KIDS

THE TRIALS OF GABRIEL FERNANDEZ

BRIDGERTON

GAMBIT

Pharmacist

Chal

Casual Viewing

FRIENDS

how i met your mother

Rated

OKLYN NINE

OUR PLANET

New Girl

ME EAT

NEW EP
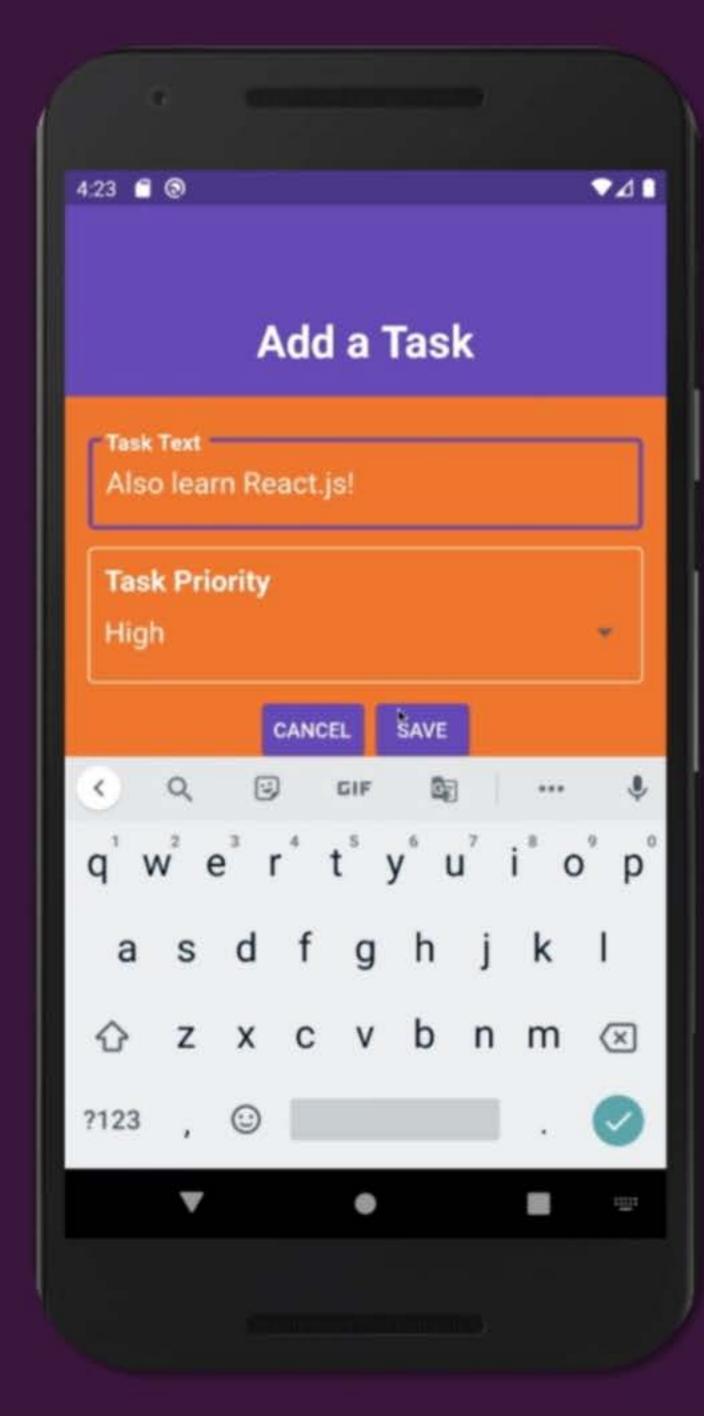
97% Match   12   9 Seasons

Sentimental • Goofy • Romantic

Documentaries

LONG SHOT

TRIAL 4

CRACK
COCAINE, CORRUPTION & CONSPIRACY

Wild Wild Country

Binge-worthy US TV Shows

TOP 10

FIREFLY

VIKINGS

SONS OF A

JOHN GRISHAM'S THE

udemy
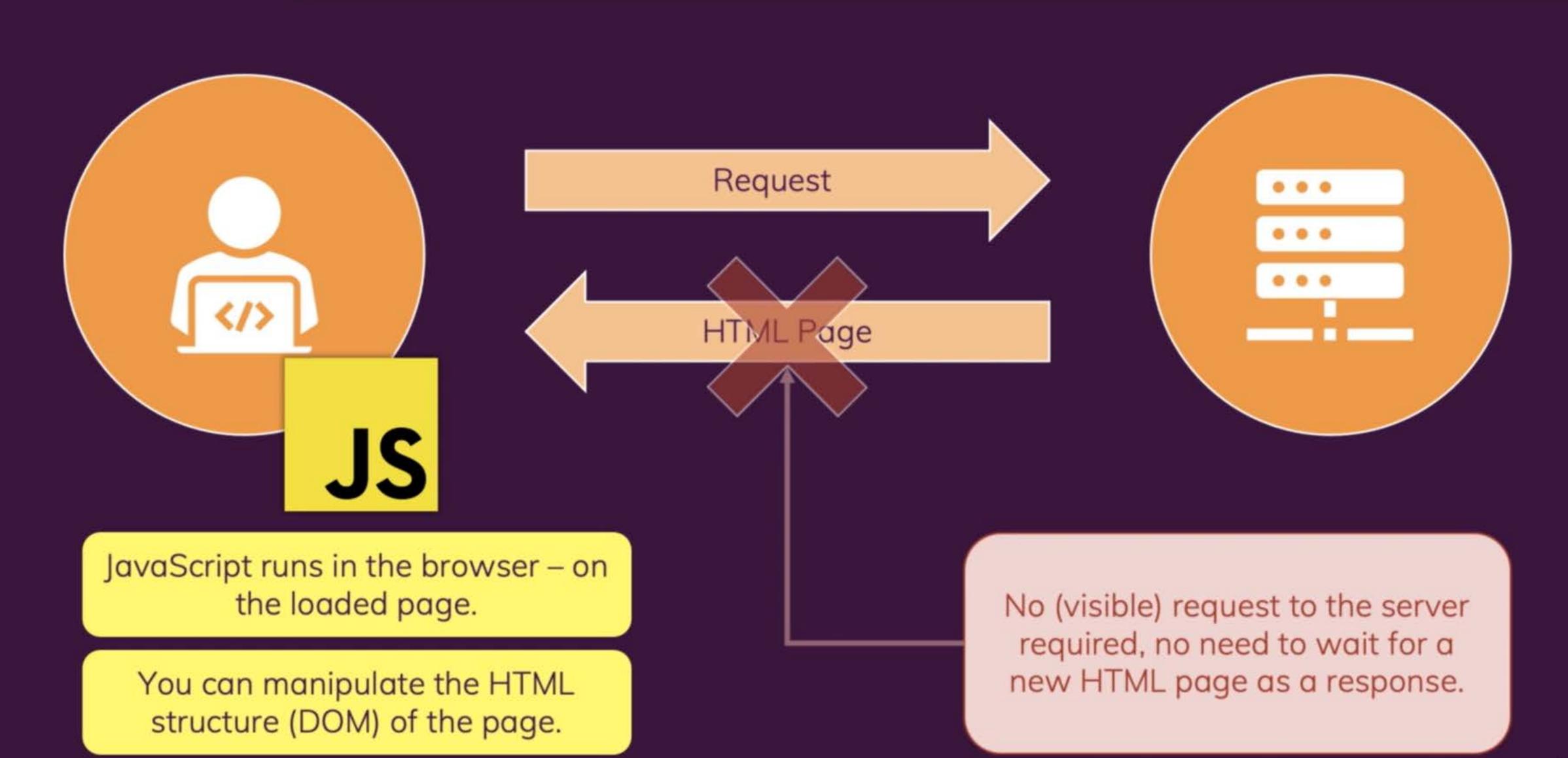
Mobile apps and desktop apps feel very "reactive": Things happen instantly, you don't wait for new pages to load or actions to start.

Traditionally, in web apps, you click a link and wait for a new page to load. You click a button and wait for some action to complete.

What is React.js?

React.js

A client-side JavaScript library

All about building modern, reactive user interfaces for the web

Declarative, component-focused approach
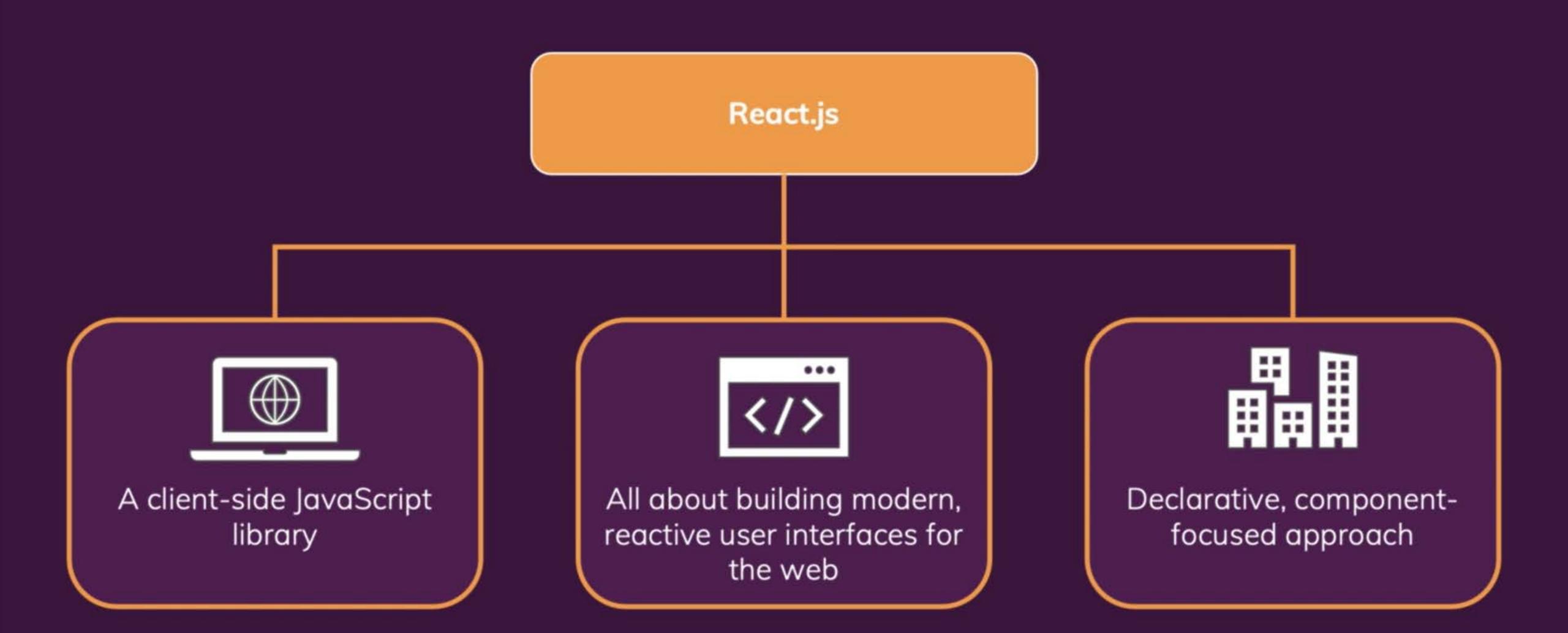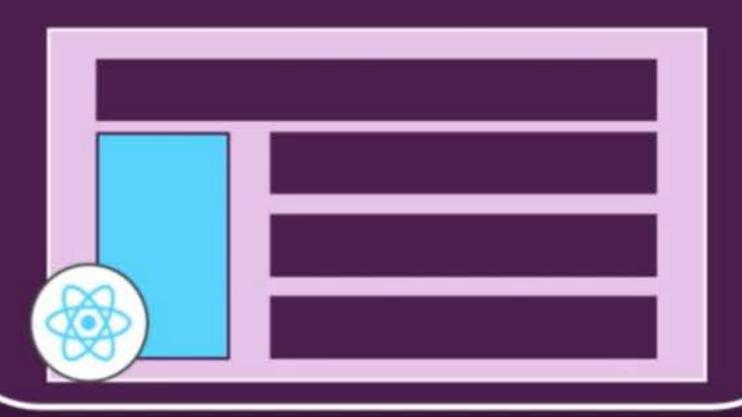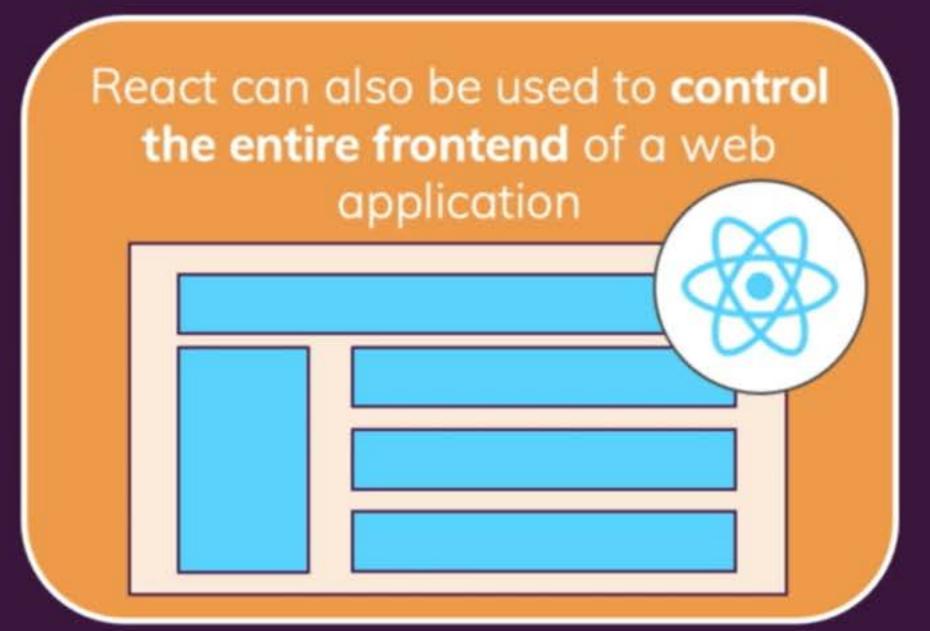
Building Single-Page-Applications (SPAs)

React can be used to **control parts** of HTML pages or entire pages.

React can also be used to **control the entire frontend** of a web application

"Widget" approach on a multi-page-application.
(Some) pages are still **rendered on and served by a backend server**.
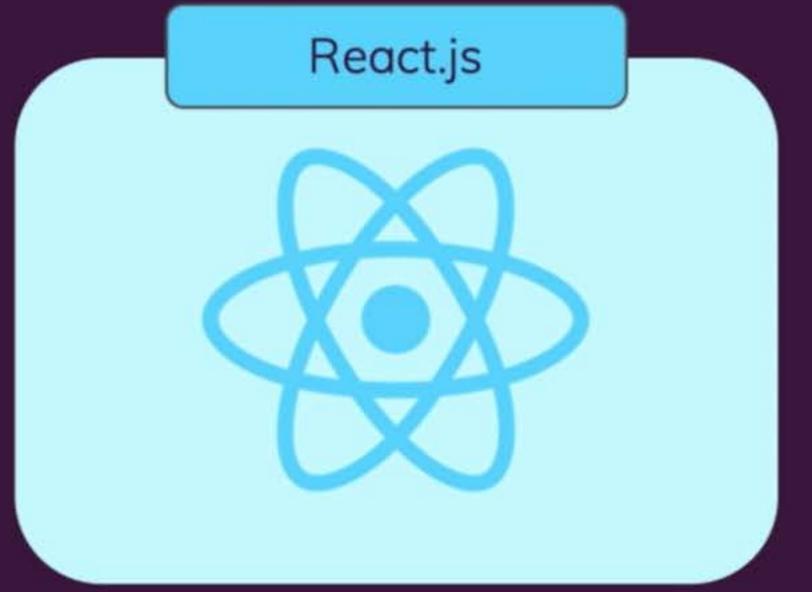
"Single-Page-Application" (**SPA**) approach. Server **only sends one HTML page**, thereafter, React takes over and controls the UI.

Taking This Course: Two Options

Standard Approach
(Recommended)

Start with lecture 1 in section 1 and go through the course step by step

Skip JavaScript refresher module if you don't need it

Use React summary module at the end to summarize what you learned or to refresh knowledge in the future

Summary Approach
(If you're in a hurry)

Skip forward to the React summary module

Optionally also take JavaScript refresher module if you need it

Go through the entire course after going through the summary module and / or if you got more time in the future
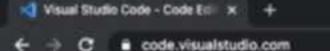
code.visualstudio.com

incognito

Visual Studio Code

Docs   Updates   Blog   API   Extensions   FAQ   Learn

Search Docs

⬇ Download

Version 1.54 is now available! Read about the new features and fixes from February.
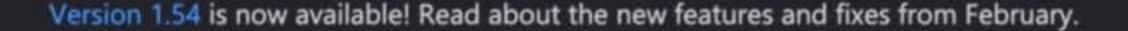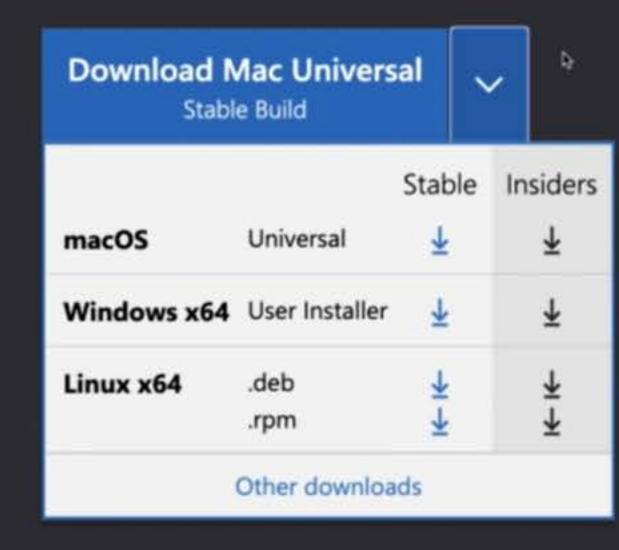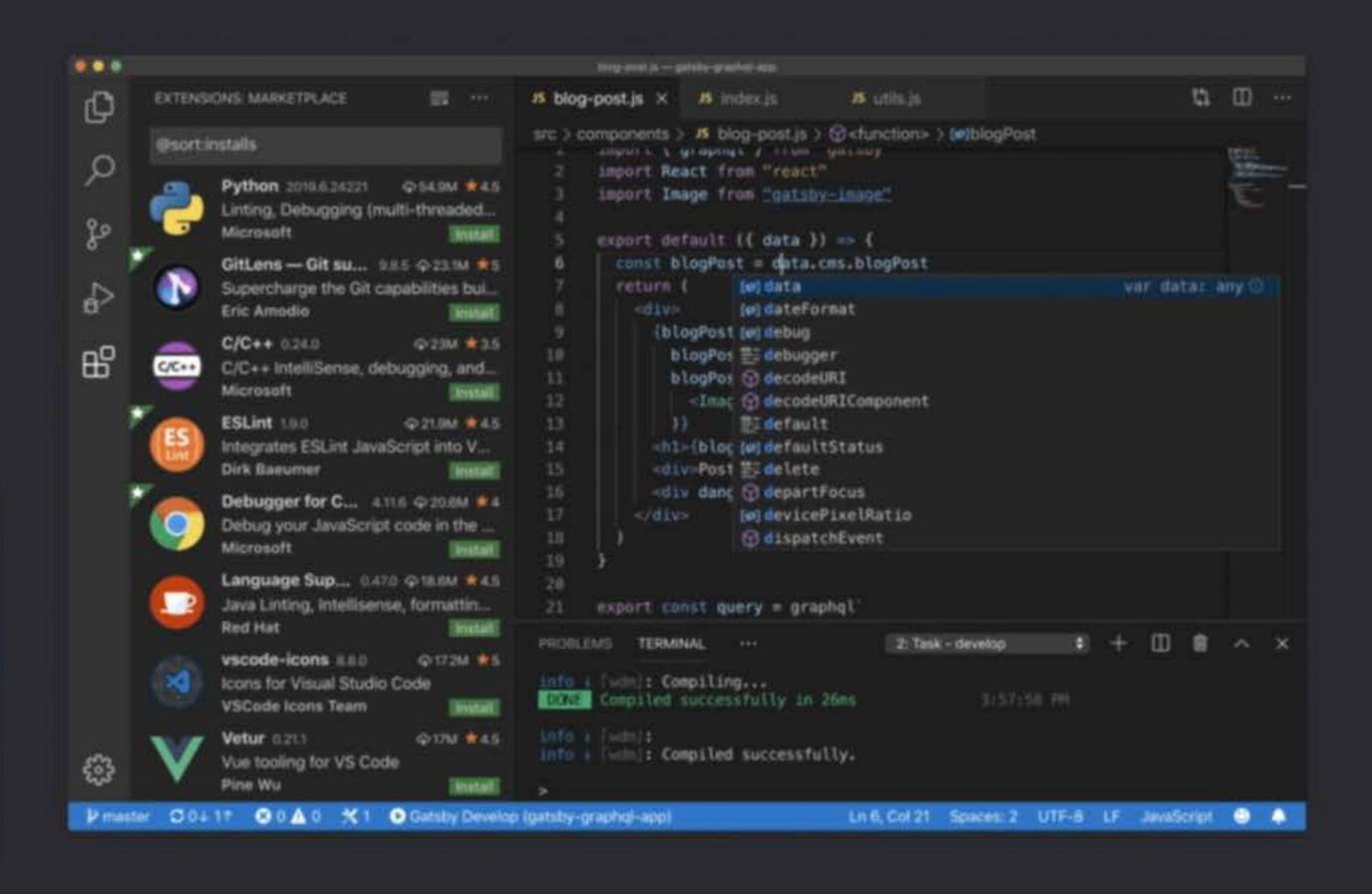
Code editing.
Redefined.

Free. Built on open source. Runs everywhere.

Download Mac Universal
Stable Build

	Stable	Insiders
macOS Universal	⬇	⬇
Windows x64 User Installer	⬇	⬇
Linux x64 .deb	⬇	⬇
.rpm	⬇	⬇

Other downloads

EXTENSIONS: MARKETPLACE

@sort:installs

Python 2019.6.24221 ⊙54.9M ★4.5
Linting, Debugging (multi-threaded...
Microsoft   Install

GitLens — Git su... 9.8.5 ⊙23.1M ★5
Supercharge the Git capabilities bui...
Eric Amodio   Install

C/C++ 0.24.0 ⊙23M ★3.5
C/C++ IntelliSense, debugging, and...
Microsoft   Install

ESLint 1.9.0 ⊙21.9M ★4.5
Integrates ESLint JavaScript into V...
Dirk Baeumer   Install

Debugger for C... 4.11.6 ⊙20.8M ★4
Debug your JavaScript code in the ...
Microsoft   Install

Language Sup... 0.47.0 ⊙18.6M ★4.5
Java Linting, Intellisense, formattin...
Red Hat   Install

vscode-icons 8.8.0 ⊙17.2M ★5
Icons for Visual Studio Code
VSCode Icons Team   Install

Vetur 0.21.1 ⊙17M ★4.5
Vue tooling for VS Code
Pine Wu   Install

blog-post.js — gatsby-graphql-app

JS blog-post.js ×   JS index.js   JS utils.js

src > components > JS blog-post.js > ⊙ <function> > [∅]blogPost

```
2    import React from "react"
3    import Image from "gatsby-image"
4
5    export default ({ data }) => {
6        const blogPost = data.cms.blogPost
7        return {                          [∅] data              var data: any ⊙
8            <div>                         [∅] dateFormat
9            {blogPost [∅] debug
10           blogPos  ▤ debugger
11           blogPos  ⊙ decodeURI
12               <Ima  ⊙ decodeURIComponent
13           }}      ▤ default
14           <h1>{blo [∅] defaultStatus
15           <div>Post ▤ delete
16           <div dang ⊙ departFocus
17           </div>    ⊙ devicePixelRatio
18       )              ⊙ dispatchEvent
19   }
20
21   export const query = graphql
```

PROBLEMS   TERMINAL   ...   2: Task - develop   + ▤ 🗑 ∧ ×

info i [wdm]: Compiling...
DONE Compiled successfully in 26ms   3:57:58 PM
info i [wdm]:
info i [wdm]: Compiled successfully.

⑂ master ⟳ 0↓ 1↑ ⊙ 0 ⚠ 0 ✗ 1 ⊙ Gatsby Develop (gatsby-graphql-app)   Ln 6, Col 21   Spaces: 2   UTF-8   LF   JavaScript 🙂 🔔

💡 IntelliSense   ▷ Run and Debug   ⑂ Built-in Git   ◱ Extensions

∨ **NO FOLDER OPENED**

You have not yet opened a folder.

Open Folder

You can also clone a repository fron URL. To learn more about how to us git and source control in VS Code r our docs.

Clone Repository

Select Color Theme (Up/Down Keys to Preview)

Light (Visual Studio)   light themes

Light+ (default light)

Quiet Light

Solarized Light

Abyss   dark themes

Dark (Visual Studio)

Dark+ (default dark)

Kimbie Dark

Monokai

Monokai Dimmed

∨ **OUTLINE**

∨ **NPM SCRIPTS**

Command Palette...   ⇧⌘P
Open View...

Appearance   >
Editor Layout   >

Explorer   ⇧⌘E
Search   ⇧⌘F
SCM   ^⇧G
Run   ⇧⌘D
Extensions   ⇧⌘X

Problems   ⇧⌘M
Output   ⇧⌘U
Debug Console   ⇧⌘Y
Terminal [^⇧`]

Toggle Word Wrap   ⌥Z
Show Minimap
Show Breadcrumbs
✓ Render Whitespace
Render Control Characters

Full Screen   ⌃⌘F
Zen Mode [⌘K Z]
Centered Layout

✓ Show Side Bar   ⌘B
Show Status Bar
Show Activity Bar
✓ Show Editor Area
Show Panel   ⌘J

Move Side Bar Right
Move Panel Left
Move Panel Right

Zoom In   ⌘]
Zoom Out [⌘-]
Reset Zoom [⌘NumPad0]

NO FOLDER OP

You have not y

You can also c
URL. To learn r
git and source   read
our docs.

Clone Repository

> OUTLINE

> NPM SCRIPTS

Visual Studio Code

NO FOLDER OP...

You have not y...

You can also c...   om a
URL. To learn ...   use
git and source   read
our docs.

Clone Repository

Command Palette...   ⇧⌘P
Open View...

Appearance   ›
Editor Layout   ›

Explorer   ⇧⌘E
Search
SCM   ^⇧G
Run   ⇧⌘D
Extensions   ⇧⌘X

Problems   ⇧⌘M
Output   ⇧⌘U
Debug Console   ⇧⌘Y
Terminal [^⇧`]

Toggle Word Wrap   ⌥Z
Show Minimap
Show Breadcrumbs
✓ Render Whitespace
Render Control Characters

OUTLINE

NPM SCRIPTS

Search Extensions in Marketplace

∨ INSTALLED   38

Dart 3.20.1
Dart language support and debugger fo...
Dart Code

ESLint 2.1.19
Integrates ESLint JavaScript into VS Co...
Dirk Baeumer

Flutter 3.20.0
Flutter support and debugger for Visual...
Dart Code

Jupyter 2021.3.619093157
Jupyter notebook support, interactive p...
Microsoft

Live Server 5.6.1
Launch a development local Server wit...
Ritwick Dey

Prettier - Code formatter 6.2.0

∨ RECOMMENDED   8

Git History 0.6.16
View git log, file history, compare branc...
Don Jayamanne   Install

Git Project Manager 1.7.1
Allows you to change easily between gi...
Felipe Caputo   Install

About Visual Studio Code
Restart to Update

Preferences ❯
Services ❯

Hide Visual Studio Code ⌘H
Hide Others ⌥⌘H
Show All

Quit Visual Studio Code ⌘Q

Settings [⌘,]
Online Services Settings
Extensions ⇧⌘X

Keyboard Shortcuts [⌘K ⌘S] ▶
Keymaps [⌘K ⌘M]
User Snippets
Color Theme [⌘K ⌘T]
File Icon Theme
Product Icon Theme

Turn on Settings Sync...

Code formatter us

Prettier

Prettier - Code formatter esbenp.prettier-vscode

Prettier | ⬇ 11,345,516 | ★★★☆ ☆ | Repository | License | v6.2.0

Code formatter using prettier

Disable **Uninstall** ⌄ ⚙ *This extension is enabled globally.*

Prettier for Handlebars 3.0.0
Prettier formatting for Handlebars files ...
Ember Tooling   **Install**

Prettier Now 1.4.9
VS Code plugin for Prettier Miscellaneo...
Remi Marsal   **Install**

Prettier ESLint 0.4.1
A Visual Studio Extension to format Jav...
Rebecca Vest   **Install**

Prettier-Standard - JavaScr... 0.8.1
VS Code plugin for prettier + standard
numso   **Install**

Prettier - Code formatter 2.0.7
Code formatter using prettier
Simon Siefke   **Install**

Prettier - JavaScript formatt... 0.17.101
Fork of prettier-vscode: VS Code plugi...
Mathieu SCHROETER   **Install**

Prettier Java 0.1.1
Format Java with Prettier
dotdevru   **Install**

Details Feature Contributions Changelog

Prettier Formatter for Visual Studio Code

Prettier is an opinionated code formatter. It enforces a consistent style by parsing your code and re-printing it with its own rules that take the maximum line length into account, wrapping code when necessary.

JavaScript · TypeScript · Flow · JSX · JSON
CSS · SCSS · Less
HTML · Vue · Angular
GraphQL · Markdown · YAML
Your favorite language?

🐙 Main passing | downloads 83M | installs 11M | code style prettier | follow prettier 17k

Installation

prettier

Prettier - Code formatter 6.2.0
Code formatter using prettier
Prettier   ⚙

Prettier for Handlebars 3.0.0
Prettier formatting for Handlebars files ...
Ember Tooling   Install

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Fork of prettier-vscode: VS Code plugi...
Mathieu SCHROETER   Install

Prettier Java 0.1.1
Format Java with Prettier
dotdevru   Install

---

format document

Command	Keybinding	When	Source
Format Document `editor.action.formatDocument`	⇧ ⌥ F	`editorHasDocumentFormattingProvider &&...`	Default
Format Document `editor.action.formatDocument.n`	⇧ ⌥ F	`editorTextFocus && !editorHasDocumentF...`	Default
Format Document (Forced) `prettier.forceFormatDocument`	—		Default
Format Document With... `editor.action.formatDocument.m`	—		Default

Extension: Prettier - Code formatter

About Visual Studio Code
Restart to Update

Preferences   >   Settings [⌘,]
Services   >   Online Services Settings

Hide Visual Studio Code   ⌘H   Extensions   ⇧⌘X
Hide Others   ⌥⌘H   Keyboard Shortcuts [⌘K ⌘S]
Show All   Keymaps [⌘K ⌘M]

Quit Visual Studio Code   ⌘Q   User Snippets

Code formatter us   Color Theme [⌘K ⌘T]
                                        File Icon Theme
Prettier   ⚙   Product Icon Theme

                                        Turn on Settings Sync...

Prettier - Code formatter   `esbenp.prettier-vscode`

Prettier | ⏻ 11,345,516 | ★★★⯪☆ | Repository | License | v6.2.0

Prettier for Handlebars 3.0.0
Prettier formatting for Handlebars files ...
Ember Tooling   Install

Code formatter using prettier

Prettier Now 1.4.9
VS Code plugin for Prettier Miscellaneo...
Remi Marsal   Install

Disable   Un[install] ⌄   ⚙   *This extension is enabled globally.*

Prettier ESLint 0.4.1
A Visual Studio Extension to format Jav...
Rebecca Vest   Install

Details   Feature Contributions   Changelog

Prettier-Standard - JavaScr... 0.8.1
VS Code plugin for prettier + standard
numso   Install

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Prettier - JavaScript formatt... 0.17.101
Fork of prettier-vscode: VS Code plugi...
Mathieu SCHROETER   Install

JavaScript · TypeScript · Flow · JSX · JSON
CSS · SCSS · Less
HTML · Vue · Angular
GraphQL · Markdown · YAML
Your favorite language?

Prettier Java 0.1.1
Format Java with Prettier
dotdevru   Install

⬡ Main `passing`   downloads `83M`   installs `11M`   code style `prettier`   follow prettier `17k`

Installation

Ùdemy

prettier

Prettier - Code formatter 6.2.0
Code formatter using prettier
Prettier   ⚙

Prettier for Handlebars 3.0.0
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Simon Siefke   Install

Prettier - JavaScript formatt... 0.17.101
Fork of prettier-vscode: VS Code plugi...
Mathieu SCHROETER   Install

Prettier Java 0.1.1
Format Java with Prettier
dotdevru   Install

---

format   118 Settings Found ☰×

User   **Turn on Settings Sync**

Commonly Used (1)   ⚙   **Editor: Default Formatter**
∨ Text Editor (9)   Defines a default formatter which takes precedence over all other formatter settings. Must be
    Cursor (2)   the identifier of an extension contributing a formatter.
    Formatting (4)
∨ Workbench (2)   esbenp.prettier-vscode   ∨
    Editor Managem... (2)
                                  null
∨ Features (2)   vscode.css-language-features
    Terminal (2)   Dart-Code.dart-code
                                  Dart-Code.flutter   at the pasted content. A formatter
∨ Extensions (104)   vscode.html-language-features   format a range in a document.
    CSS (10)   vscode.json-language-features
    Dart & Flutter (4)   ms-toolsai.jupyter
    Emmet (1)   vscode.markdown-language-features
    ESLint (1)   vscode.php-language-features   he file must not be saved after
    HTML (16)   esbenp.prettier-vscode ⌃
    JSON (2)   ms-python.python
    Jupyter (1)   ms-vscode.references-view
    LESS (6)   vscode.search-result   odifications. Only applies when
    Live Server Config (1)   Code formatter using prettier
    Npm (1)   Editor: Format On Save is enabled.
    Prettier (5)
                                  file   ∨

material icon

Material Icon Theme 4.5.0
Material Design Icons for Visual Studio ...
Philipp Kief

Angular Material 2, Flex layo... 0.13.0
Providers snippets Angular Material 2, ...
1Ton Technologies   Install

Icon Fonts 2.4.0
Snippets for popular icon fonts such as ...
idleberg   Install

Dark+ Material 2.3.12
The default Dark+ Theme, with material...
vangware   Install

Material Icon Theme 5.0.0
Material Design Icons And One Dark M...
cweijan   Install

Unofficial Material Icon The... 0.0.5
Unofficial Material Design Icons for Vis...
artalatarta   Install

Unofficial Material Icon The... 0.0.6
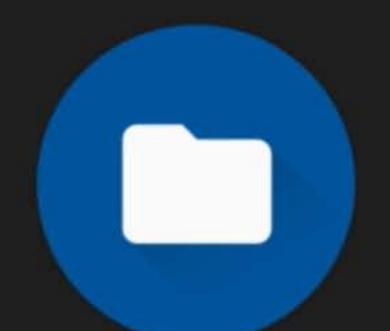Unofficial Material Design Icons for Vis...
artalatarta   Install

Angular material icon picker 0.0.2
Search angular material icons directly fr...
niccolofanton   Install

Material Icon Theme pkief.material-icon-theme

Philipp Kief | ⬇ 6,890,511 | ★★★★★ | Repository | License | v4.5.0

Material Design Icons for Visual Studio Code

Enable   Uninstall ⌄   ⚙ *This extension is disabled globally by the user.*

Details   Feature Contributions   Changelog

Material Icon Theme