

# The Front End Stack

As of 2019

# A quick history lesson

HTML, CSS, and JavaScript throughout the years

# HTML (Hypertext Markup Language)

Plain ol' HTML files



Preprocessors (PHP, Jinja2, Handlebars)



HTML-in-JS (JSX, Angular, Vue.js)

# CSS (Cascading Style Sheets)

CSS-in-HTML (Inline styles)



External CSS files



Preprocessors (Sass, Less, Stylus)



CSS-in-JS (styled-components, glamor, emotion)

# JavaScript (the old parts)

One global scope



```
graph TD; A[One global scope] --> B[Namespacing]; B --> C[IIFE (Immediately Invoked Function Expression)]; C --> D[CommonJS modules (Node.js)]
```

Namespacing

IIFE (Immediately Invoked Function Expression)

CommonJS modules (Node.js)

# JavaScript (the new parts)

ES6 Modules



```
graph TD; A[ES6 Modules] --> B[Dynamic imports]; B --> C[Entering the mighty webpack];
```

Dynamic imports

Entering the mighty *webpack*