The Document Object Model (DOM)

JavaScript

Hosted Language

Browser

```
const titleEl =
document.querySelector('h1');
```

Exposes Web API to allow JavaScript to work with the parsed document

```
<body>
<h1>Welcome!</h1>
</body>
```

The "Document Object Model" (DOM)

Parsed & Rendered by Browser
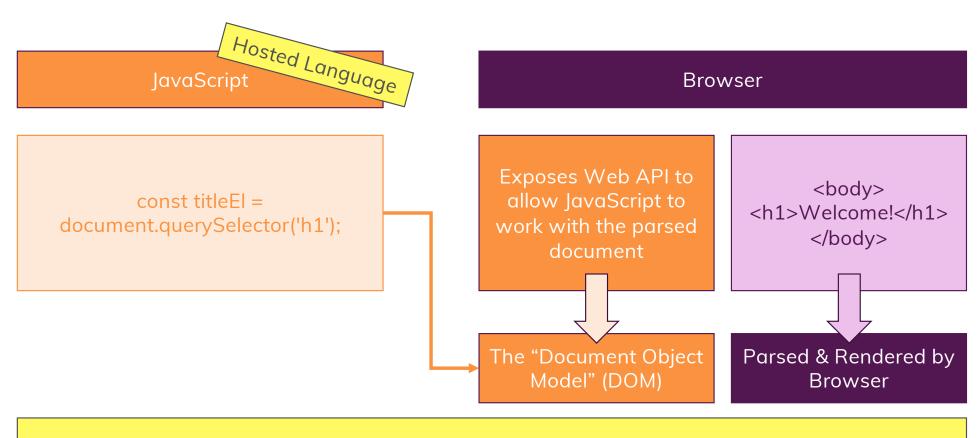
DOM is not strictly tied to Browsers! There are other tools that can parse HTML!

document & window

document	window
Root DOM Node	The active Browser Window / Tab
Provides access to element querying, DOM content etc	Acts as global storage for script, also provides access to window-specific properties and methods

The Document Object Model (DOM)

```
<html>
 <head>
  <title>The DOM</title>
 </head>
 <body>
  <header>
   <h1>Dive into the DOM</h1>
  </header>
  <main>
   <p>There's a lot to it!</p>
  </main>
 </body>
</html>
```

Element Node

Text Node

| HTML |
| |__ |
| HEAD |
| |____ |
| TITLE |
| The DOM |
| BODY |
| |____ |
| HEADER |
| |_____ |
| H1 |
| Dive into the DOM |