WHAT IS THE DOM?

DOM

Tree structure, generated
by browser on HTML load
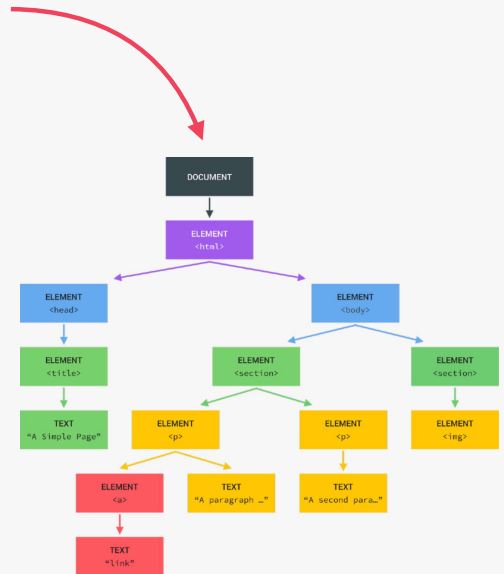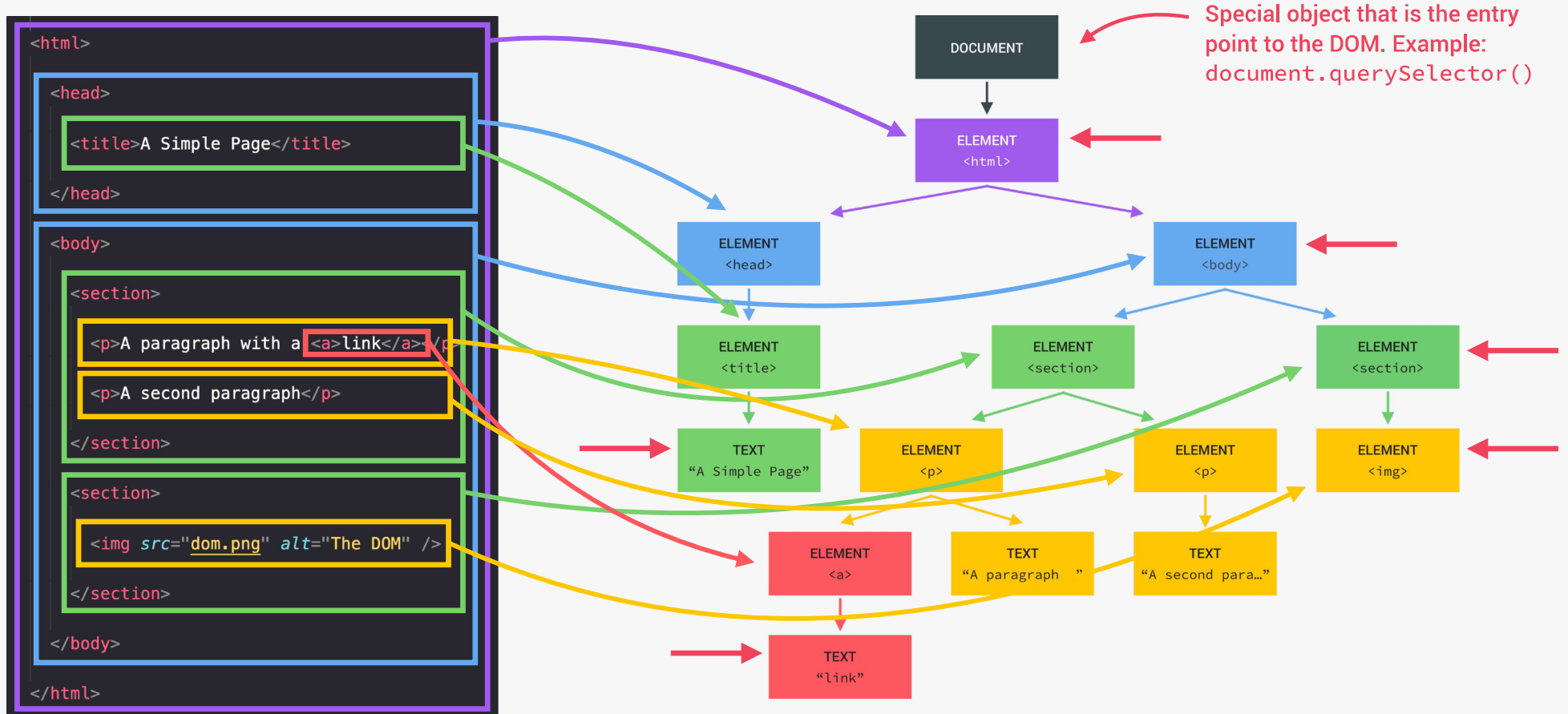
DOCUMENT OBJECT MODEL: STRUCTURED
REPRESENTATION OF HTML DOCUMENTS. ALLOWS
JAVASCRIPT TO ACCESS HTML ELEMENTS AND
STYLES TO MANIPULATE THEM.

Change text, HTML attributes,
and even CSS styles

THE DOM TREE STRUCTURE

```
<html>
  <head>
    <title>A Simple Page</title>
  </head>
  <body>
    <section>
      <p>A paragraph with a <a>link</a></p>
      <p>A second paragraph</p>
    </section>
    <section>
      <img src="dom.png" alt="The DOM" />
    </section>
  </body>
</html>
```

DOCUMENT

Special object that is the entry point to the DOM. Example: document.querySelector()

ELEMENT
<html>

ELEMENT
<head>

ELEMENT
<body>

ELEMENT
<title>

ELEMENT
<section>

ELEMENT
<section>

TEXT
"A Simple Page"

ELEMENT
<p>

ELEMENT
<p>

ELEMENT
<img>

ELEMENT
<a>

TEXT
"A paragraph "

TEXT
"A second para…"

TEXT
"link"

DOM !== JAVASCRIPT 🧐

DOM Methods and Properties for DOM Manipulation

NOT PART OF

JS

ecma INTERNATIONAL

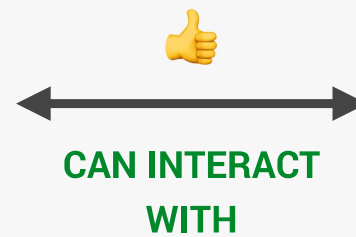For example
`document.querySelector()`

API: Application Programming Interface

WEB APIs

DOM Methods and Properties

Timers

Fetch

CAN INTERACT WITH

JS