



Minor Web Design & Development

Web Apps From Scratch

Javascript

Javascript

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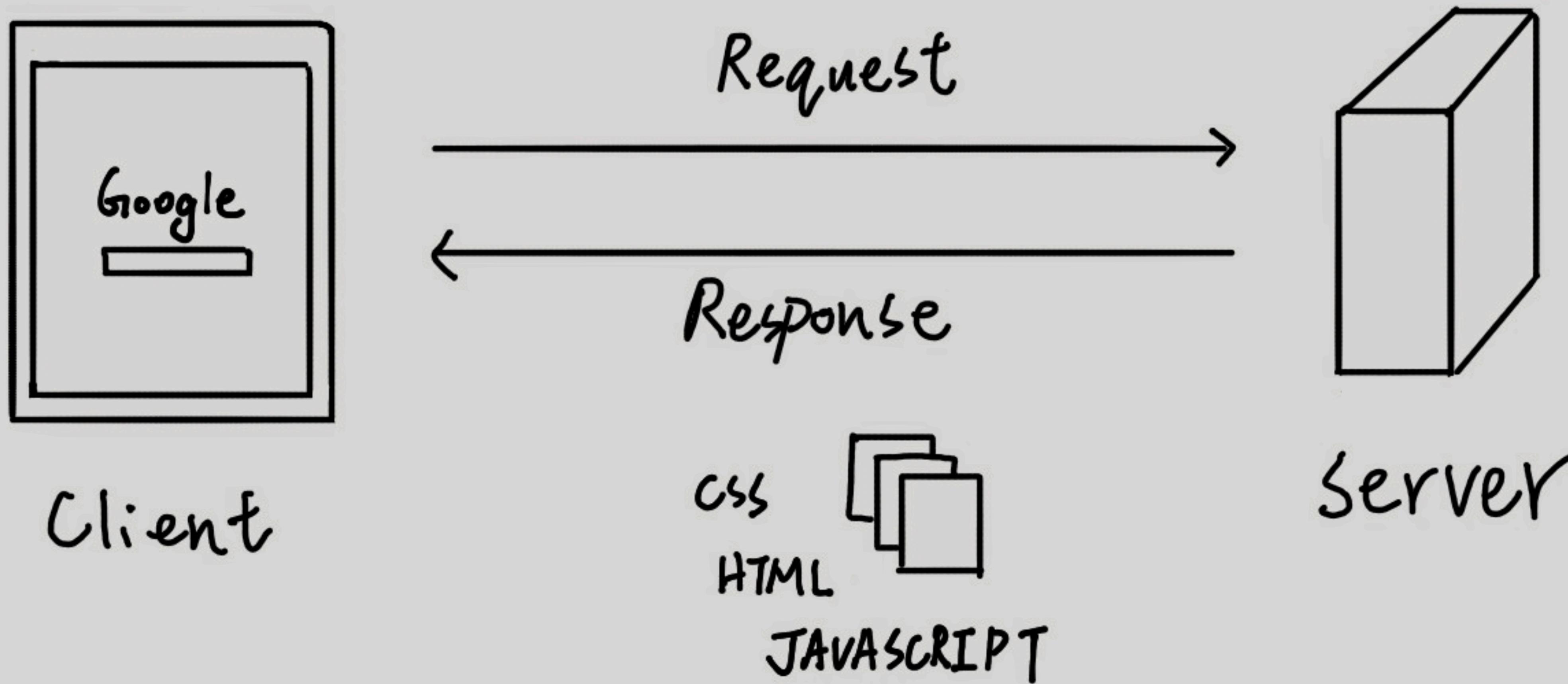
**We run software on devices we
don't own, and serve our
software over networks we
don't control.**

Declan Rek

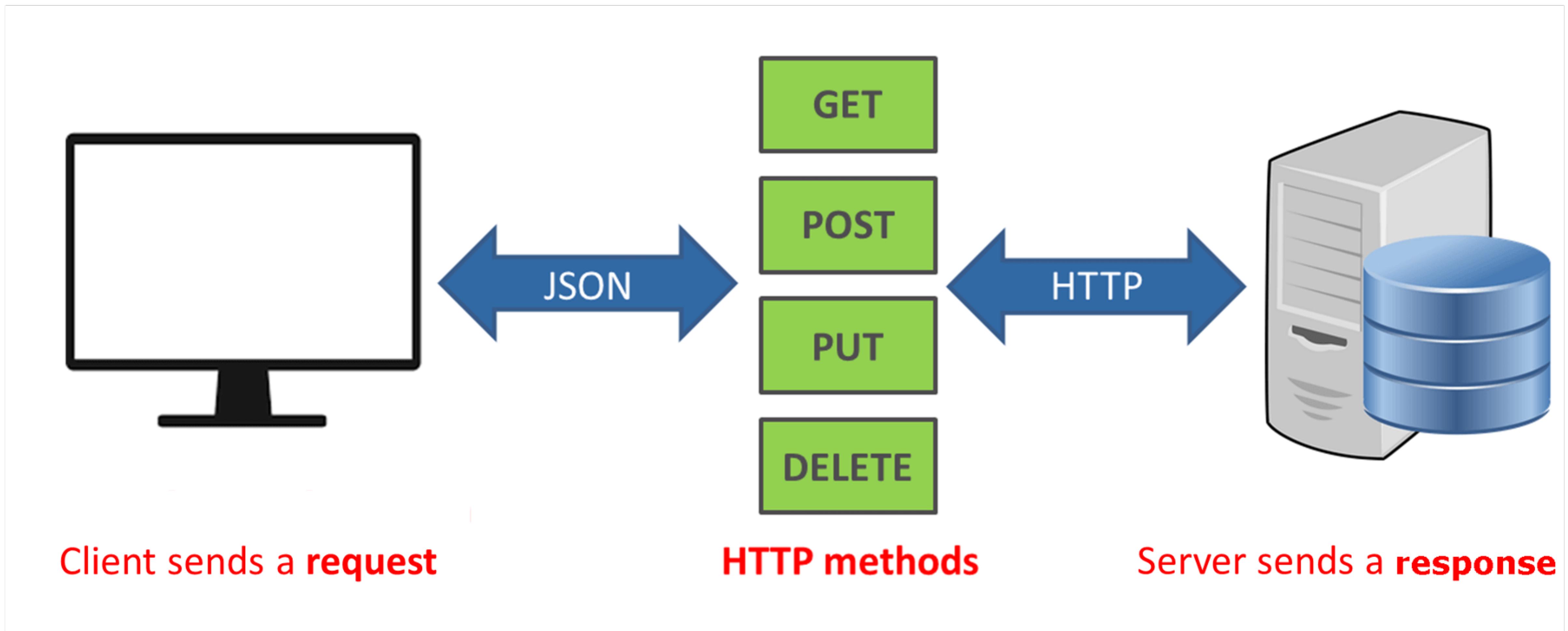
Javascript in de browser

- **Hoe werkt het web?**
- **Hoe werkt de browser?**
- **Hoe werkt JavaScript?**

De specs



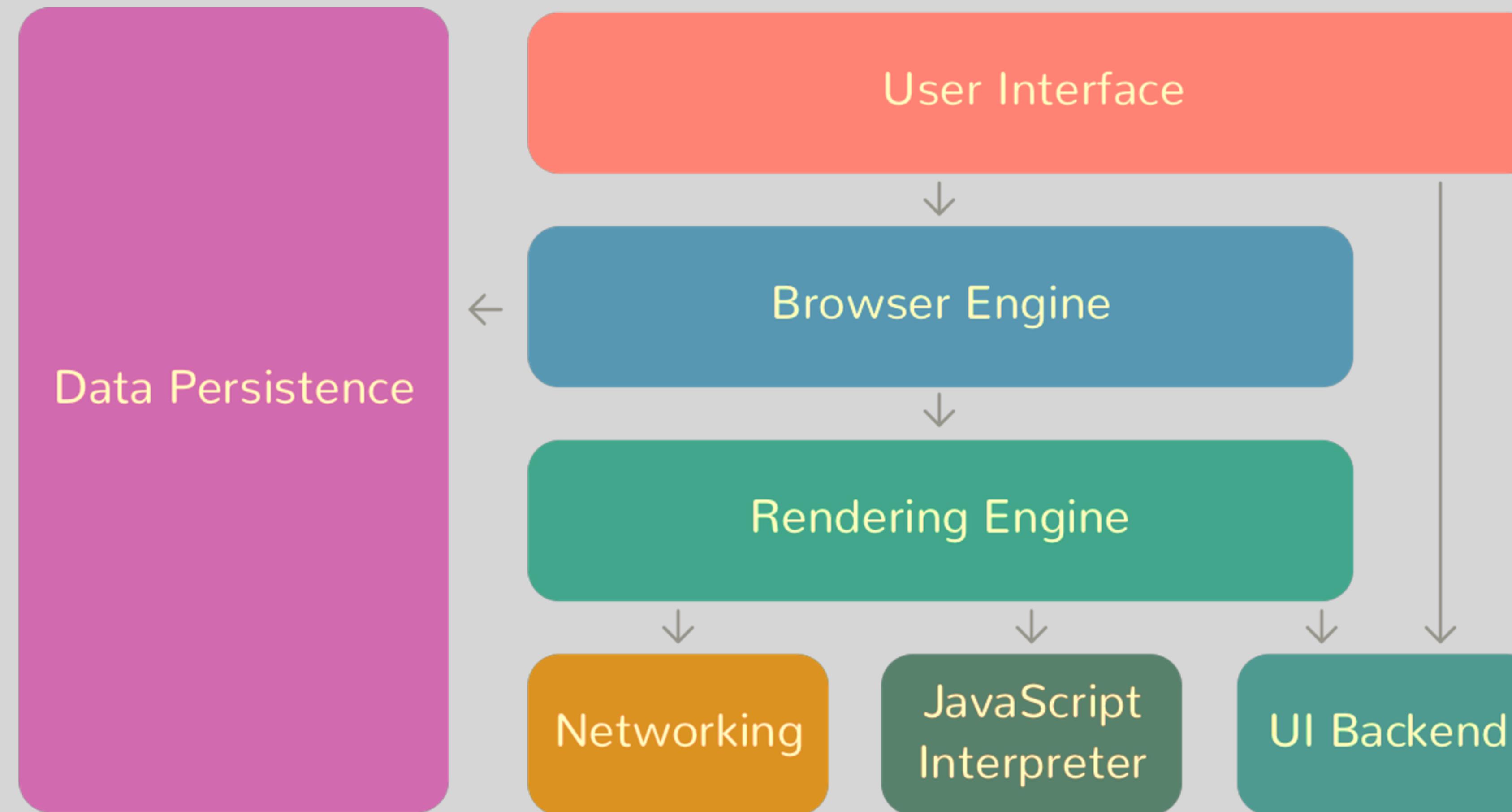
Rest API



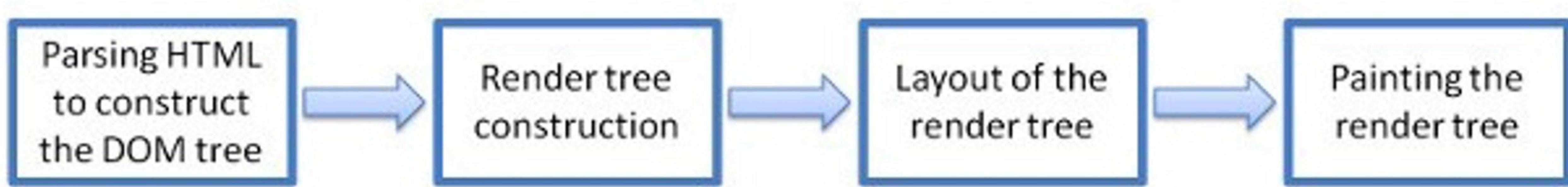
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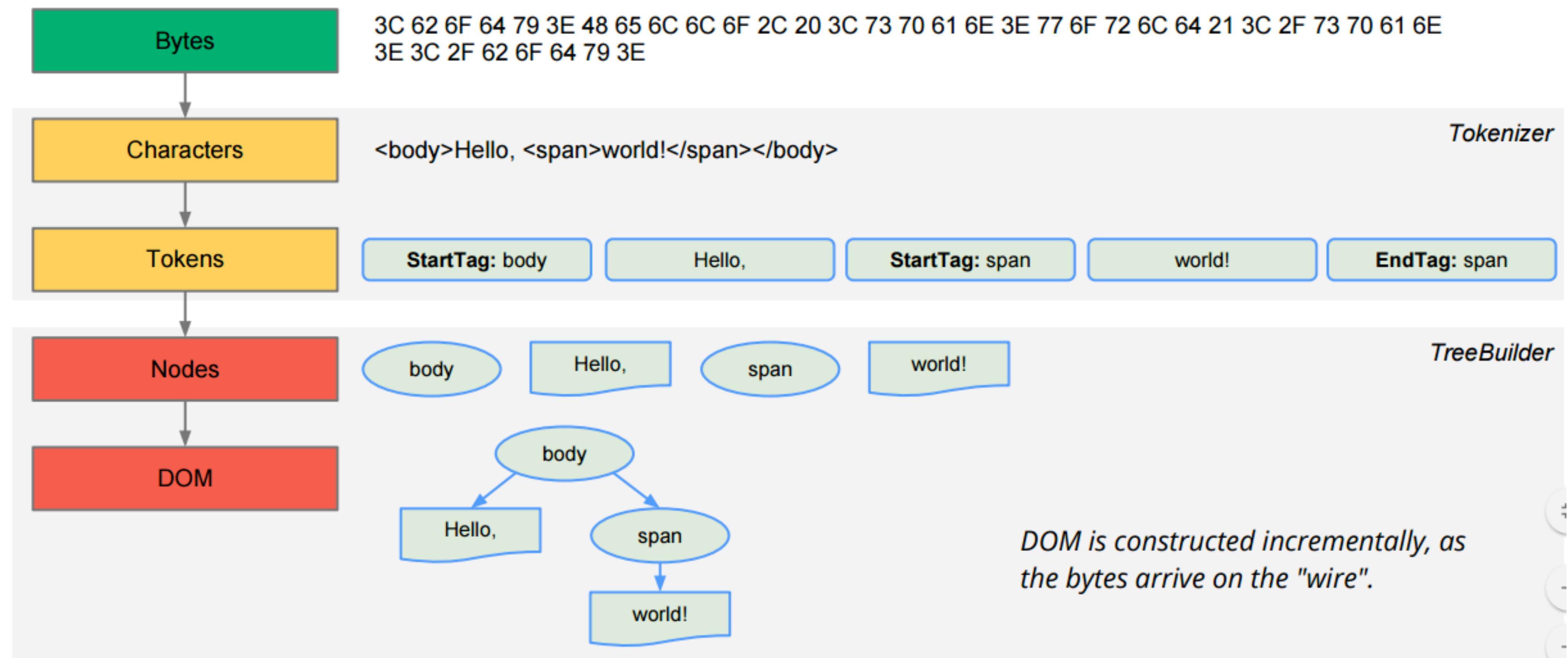


Rendering engine basic flow

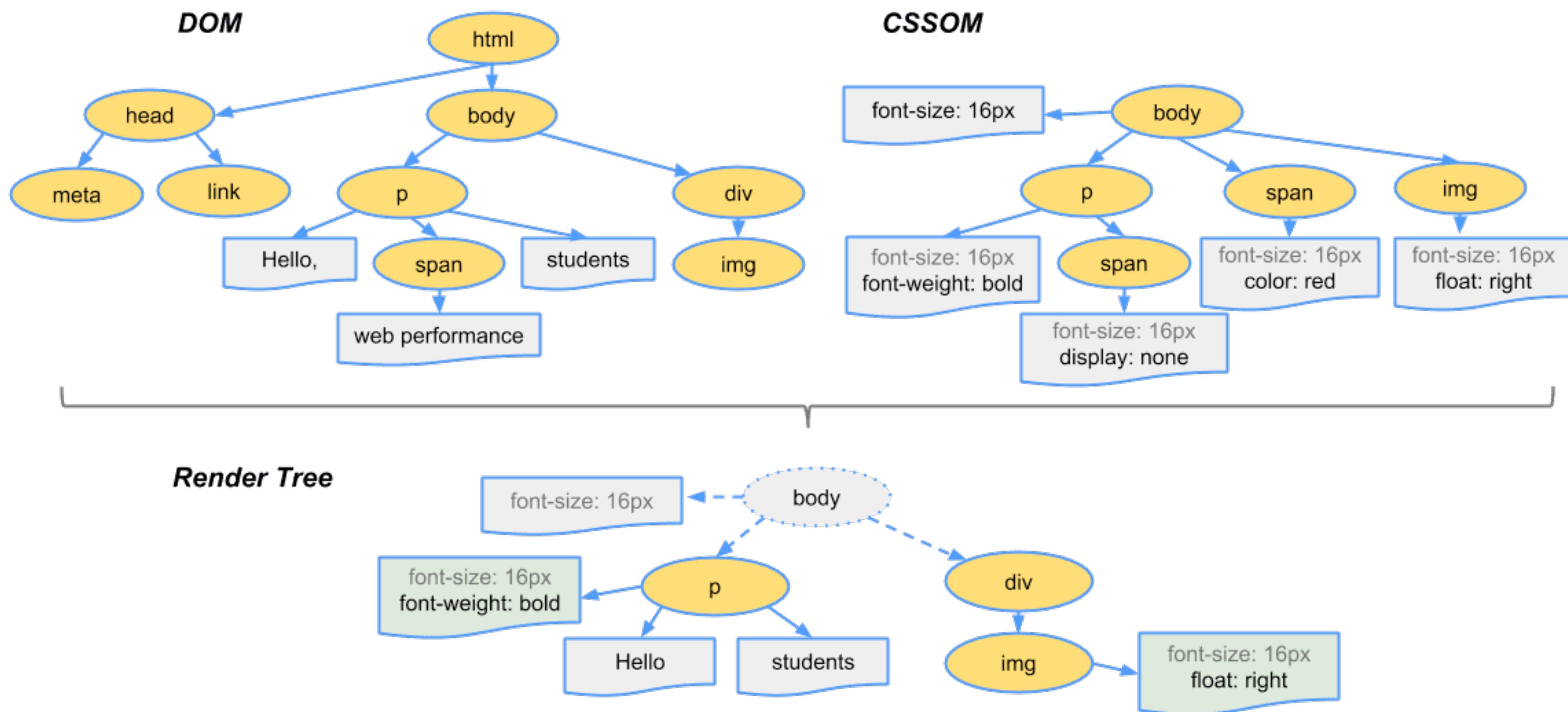


Parsing HTML

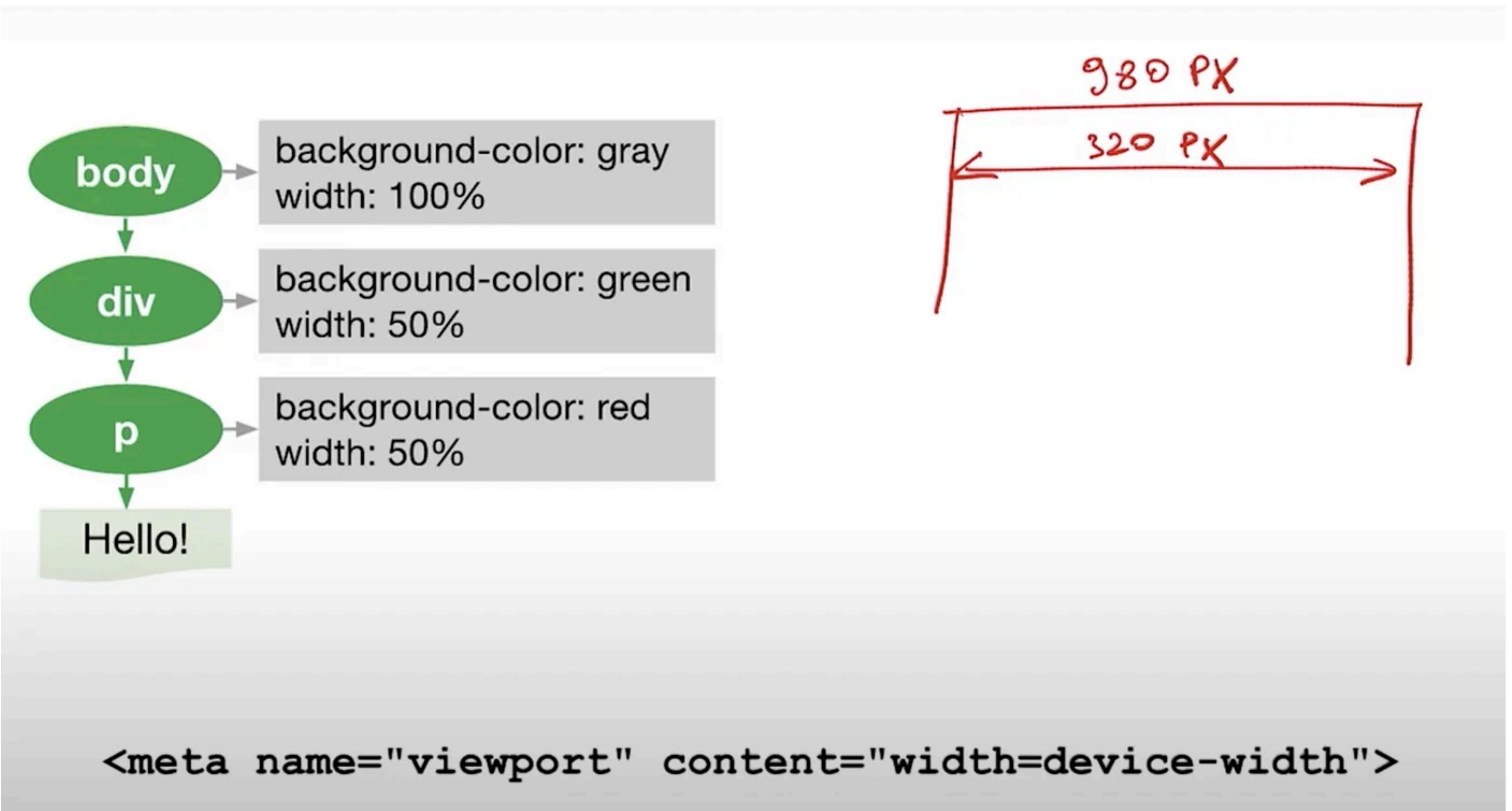
The HTML(5) parser at work...



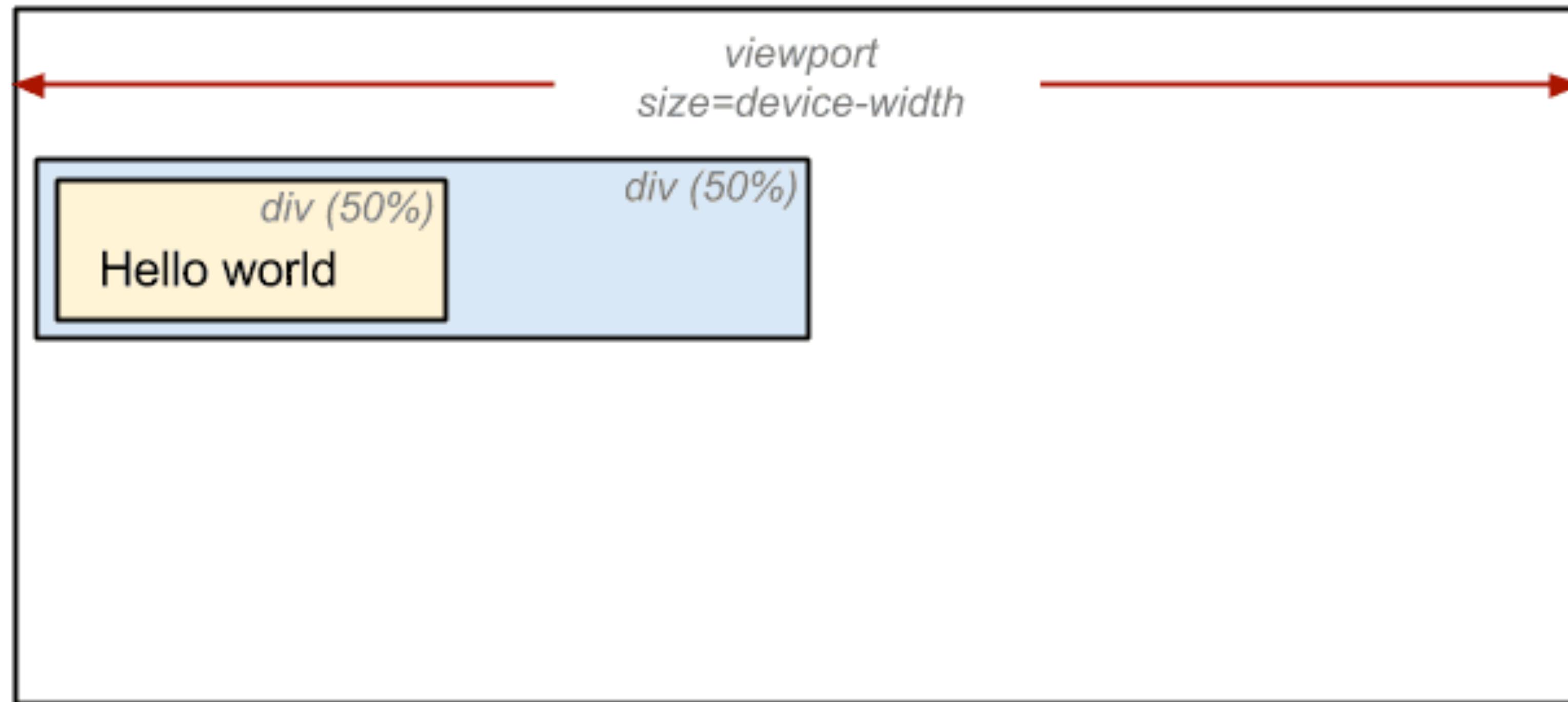
Render-tree Construction



Layout of the render tree



Layout of the render tree



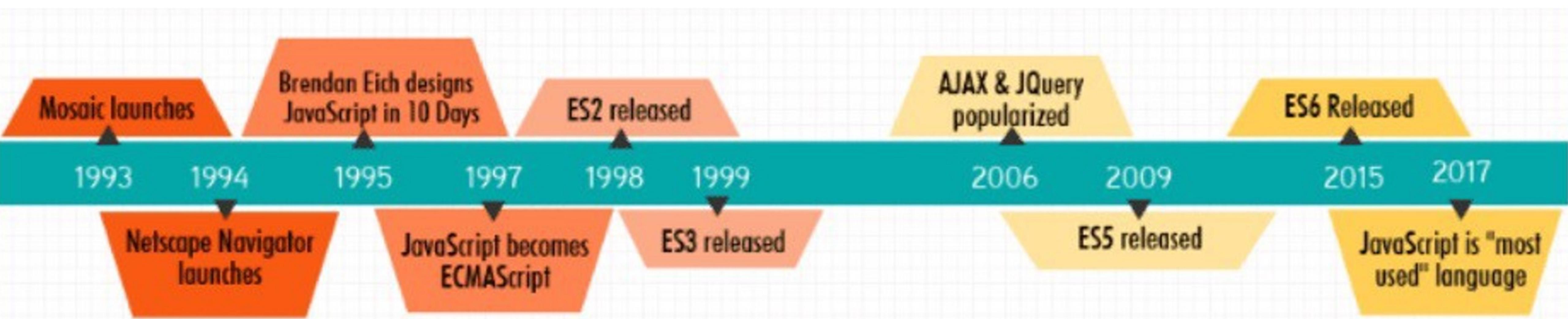
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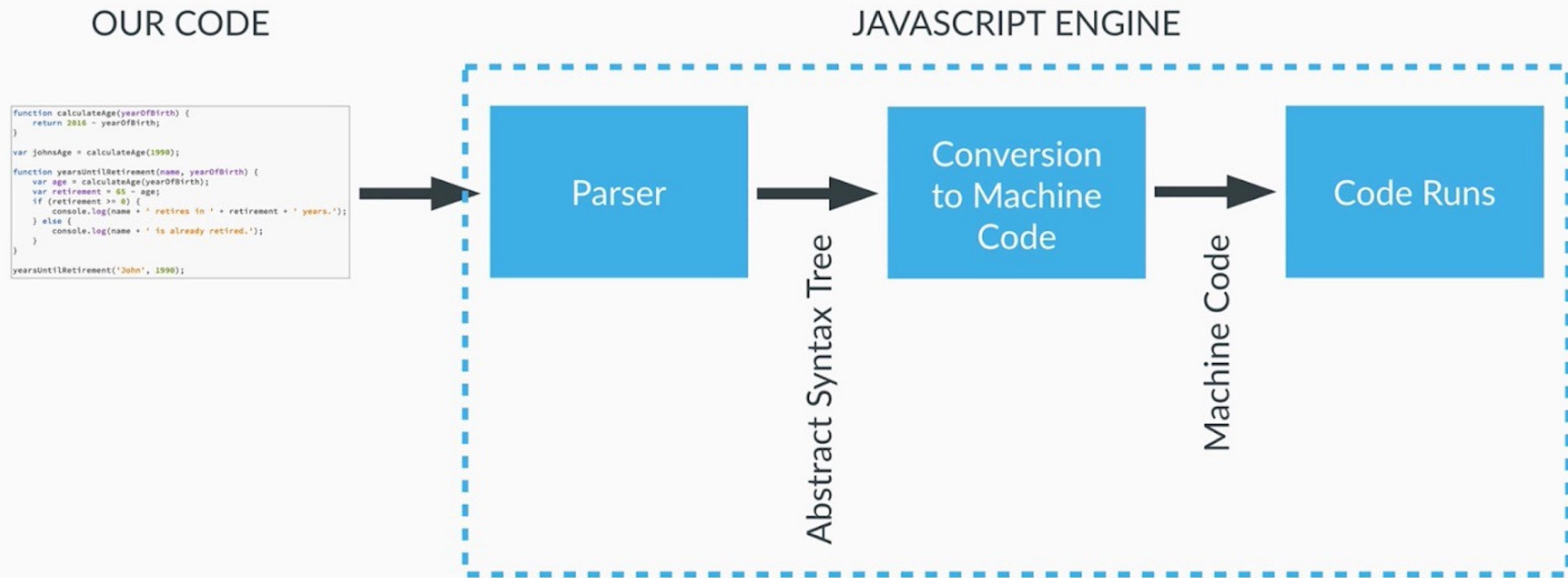
Always bet on JavaScript

Brendan Eich

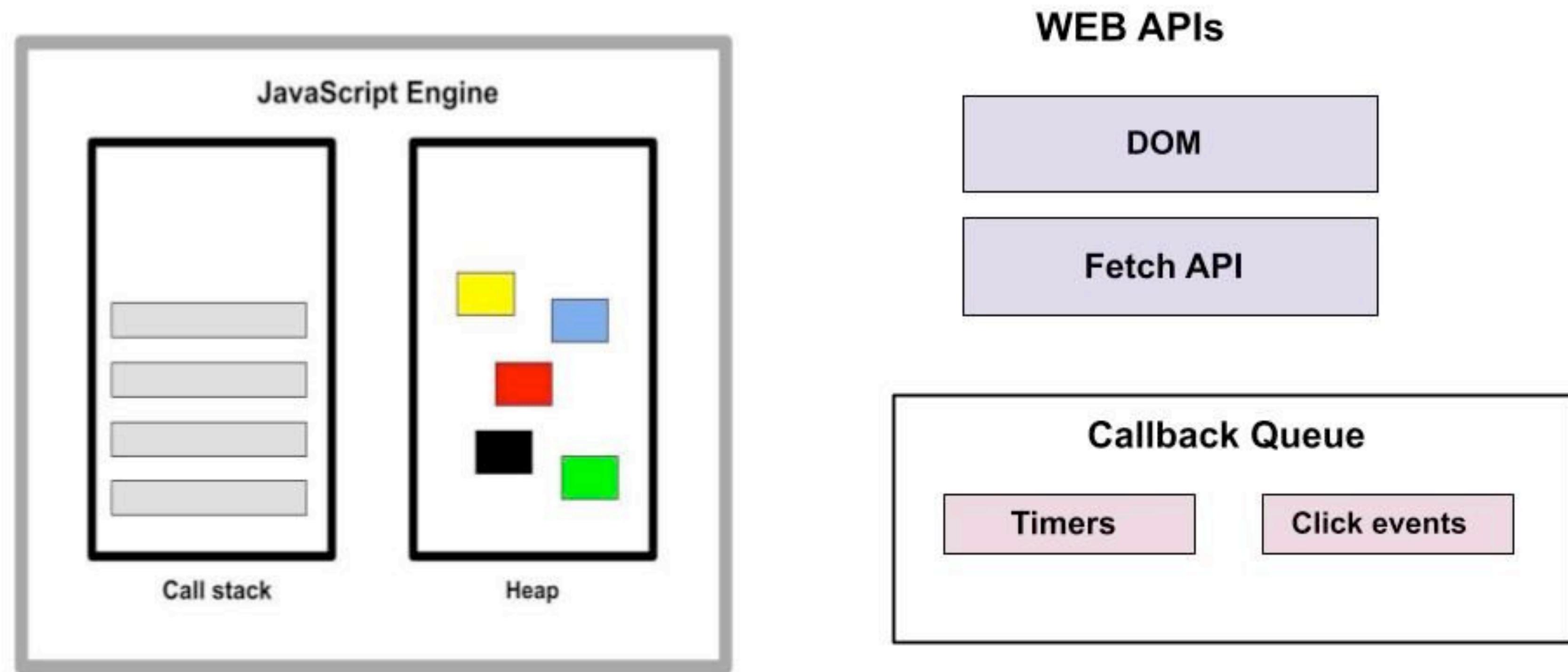
Geschiedenis



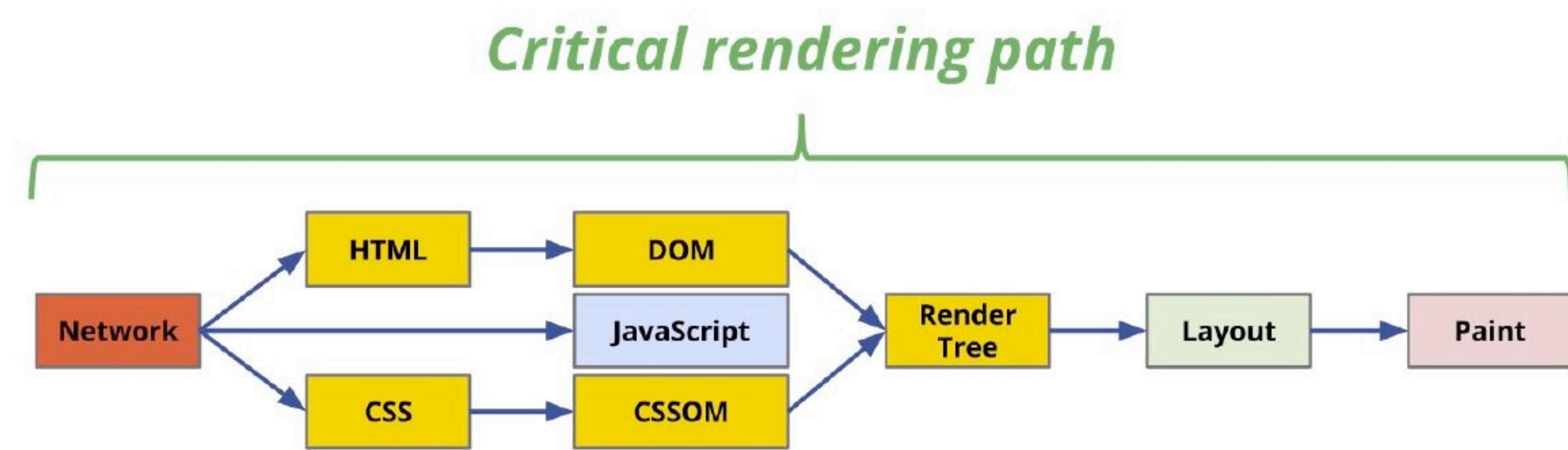
En... actie!



JavaScript runtime in de browser



JavaScript during rendering



When the HTML parser encounters a script tag, it pauses its process of constructing the DOM and yields control to the JavaScript engine; after the JavaScript engine finishes running, the browser then picks up where it left off and resumes DOM construction.

**There is no faster way to slow
down a site than to use a bunch
of JavaScript.**

Tim Kadlec