

HOW TO LOSE FPS & ALIENATE USERS

<https://przemyslawjanpietrzak.github.io/przemyslawjanpietrzak.github.io/fps/presentation.pdf>

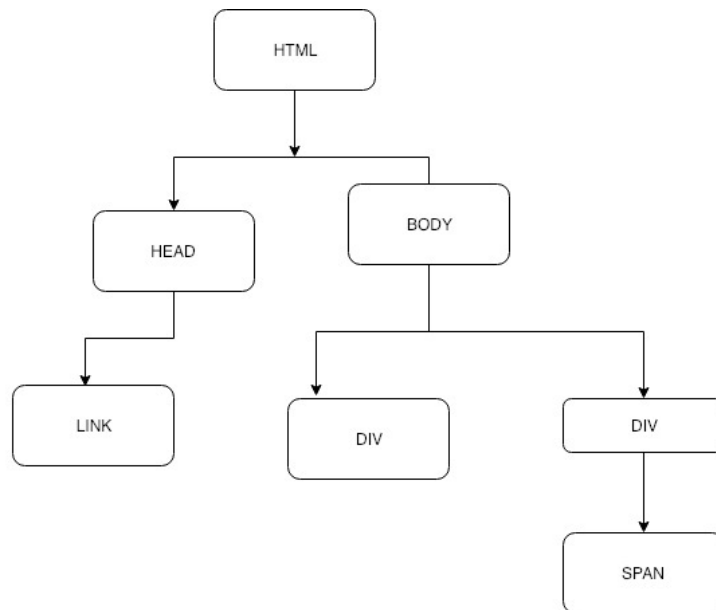
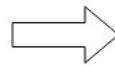
WHY?

HOW LONG?

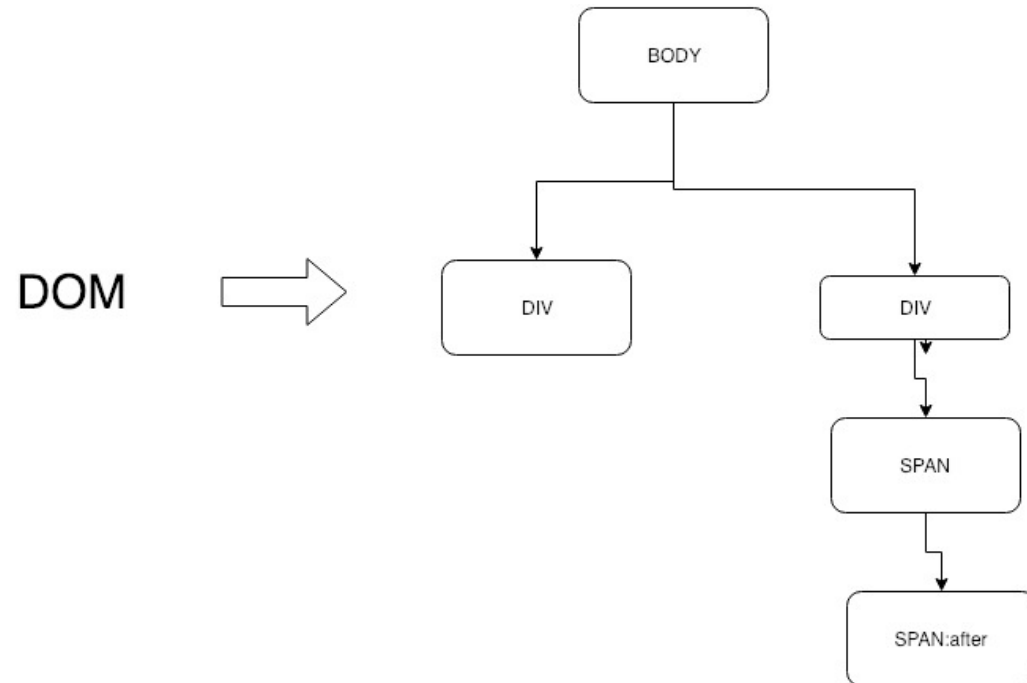
$$1\text{s} / 60\text{fps} = 10^{-13}\text{s/frame}$$

PARSE HTML

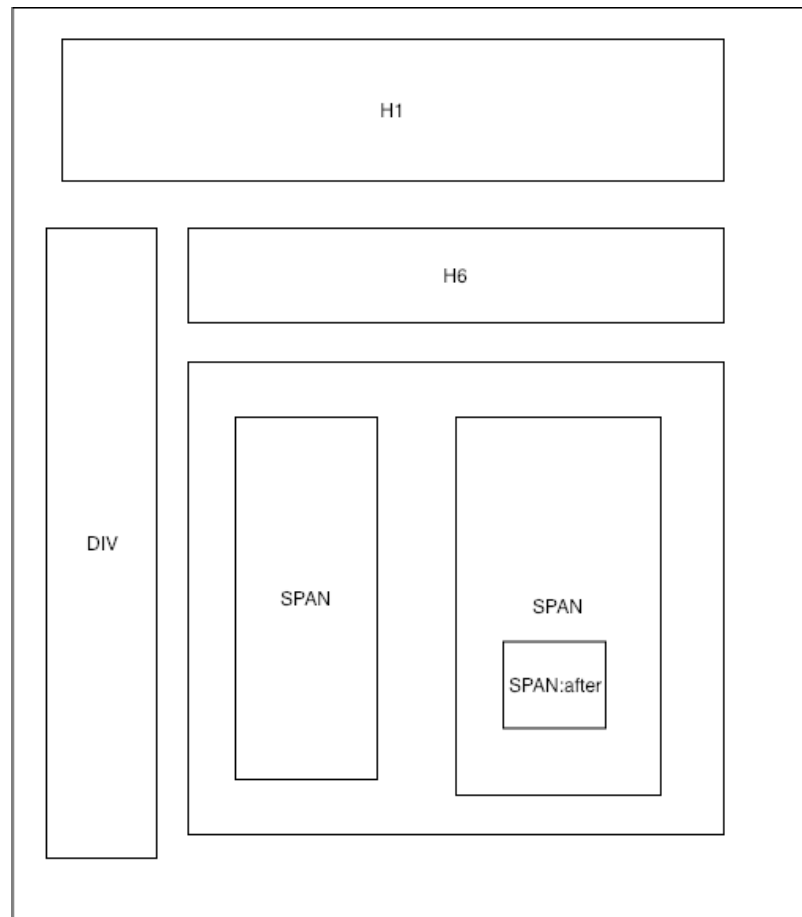
`<html><head>...</head>
<body>...</body></html>`



RECALCULATE STYLES

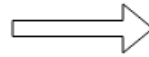


LAYOUT



PAINT

Vector



Raster

COMPOSITE



WHAT?

- Parse HTML
- Recalculate Styles
- Layout (!)
- Paint
- Composite

WHAT?

- ~~Parse HTML~~
- ~~Recalculate Styles~~
- ~~Layout (!)~~
- Paint
- Composite

Demo

transform >> [top, left, hight, widht]

Scripting

- Make it async
- Cache it
- Web workers
- WASM (?)

Thank you :*