

morgen.js

@vrde

ceo + dev  
devcharm.com  
(by urli.st)

let's talk  
javascript.

let's talk

~~backbone~~

~~angular~~

~~ember~~

let's talk  
development tools.

let's talk

~~vim, sublime~~

~~grunt~~

~~jasmine~~

is there anyone  
considering UI/UX  
in development?



*aren't we  
re-implementing  
the same stuff?*

*aren't we  
stuck in the same  
paradigms?*



annoying  
example.



button

dialog

yep

nope

dialog

yep

nope



alt + tab

```
<input type="text" />
```

save

alt + tab

ctrl + r

button

dialog

yep

nope

f\*\*k



alt + tab

```
<input type="text" class="simple" />
```

save

alt + tab

ctrl + r

button

dialog

yep

nope

alt+tab, edit js, save, alt+tab, ctrl+r, click, f\*\*k, alt+tab, edit html, save, alt+tab, ctrl+r, click, alt+tab, edit css, save, alt+tab, ctrl+r, click, alt+tab, edit js, save, alt+tab, ctrl+r, f\*\*k, f\*\*k, alt+tab, edit css, save, alt+tab, ctrl+r, click, click, input, input, input, alt+tab, edit css, save, alt+tab, ctrl+r, click, click, input, alt+tab, edit html, save, alt+tab, ctrl+r, click, f\*\*k, alt+tab, edit html, save, alt+tab, ctrl+r, click, alt+tab, edit css, save, alt+tab, ctrl+r, click, click, COFFEE, alt+tab, edit js, save, alt+tab, ctrl+r, f\*\*k, f\*\*k, alt+tab, edit css, FORGET TO SAVE, alt+tab, ctrl+r, click, click, input, alt+tab, edit css, save, alt+tab, ctrl+r, click, input, input, alt+tab, edit js, save, alt+tab, ctrl+r, click, click, input, alt+tab, edit html, save, alt+tab, ctrl+r, click, f\*\*k, alt+tab, edit html, save, alt+tab, ctrl+r, CATS ON YOUTUBE, click, alt+tab, edit js, save, alt+tab, ctrl+r, click, alt+tab, edit css, save, alt+tab, ctrl+r, alt+tab, edit html, save, alt+tab, ctrl+r, click, click, f\*\*k, alt+tab, edit html, save, alt+tab, ctrl+r, click, alt+tab, edit css, save, alt+tab, ctrl+r, click, click, COFFEE, alt+tab, edit css, save, alt+tab, ctrl+r, f\*\*k, f\*\*k, alt+tab, edit js, save, alt+tab, ctrl+r, click, click, 4AM KTNXBYE.



I can be even  
more annoying.

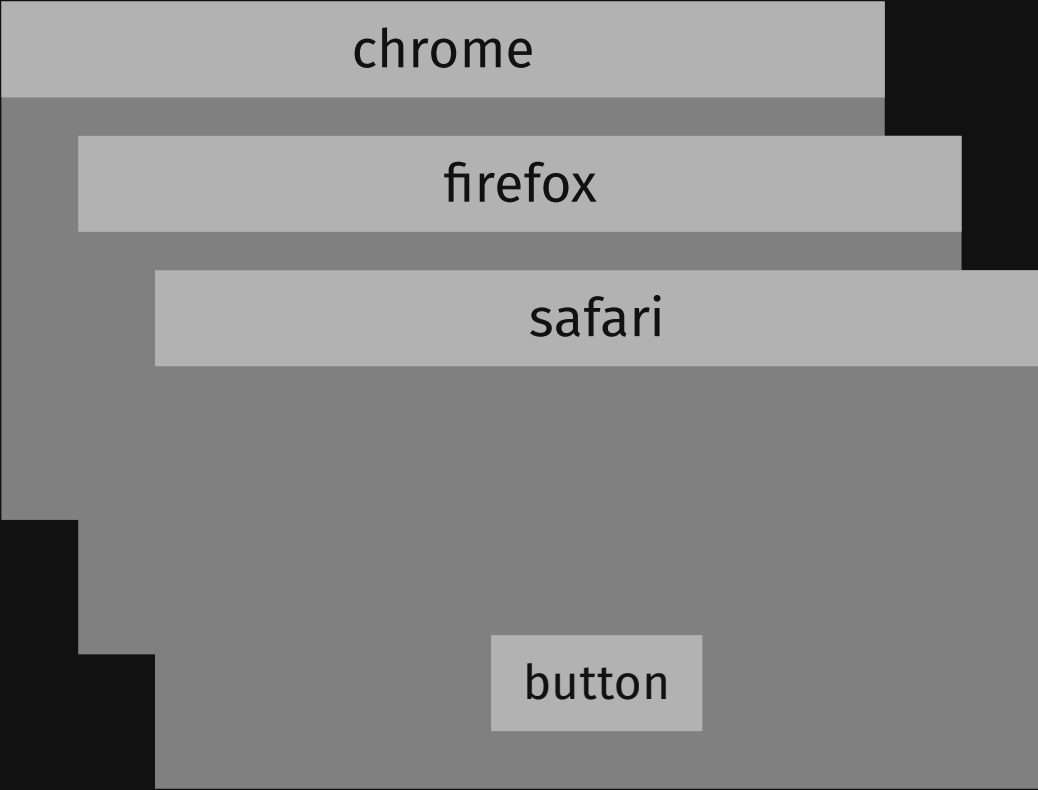
chrome

button

chrome

firefox

button



chrome

firefox

safari

button

chrome

firefox

safari

button

button

chrome

firefox

safari

button

button

iButton

this is  
*frustration.*

was ist  
morgen.js?



*a small  
experiment.*

morgen is

python+javascript

morgen is  
*responsive*  
*development.*



morgen reloads

styles

templates (!!)

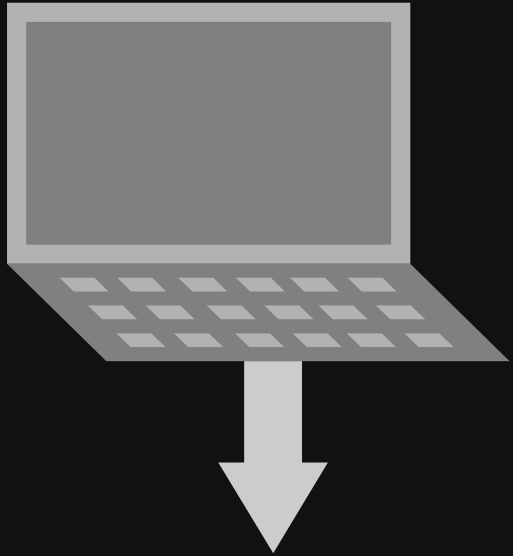
logic (!!!)

morgen reloads css+html+js

across devices

in real time

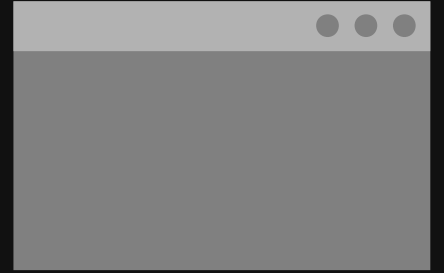
keeping the state

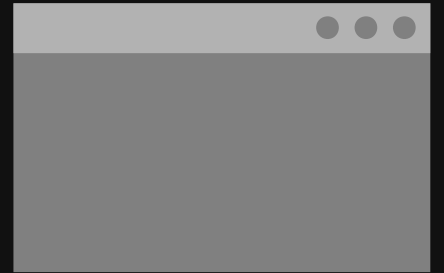
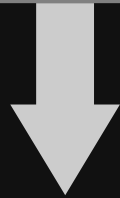
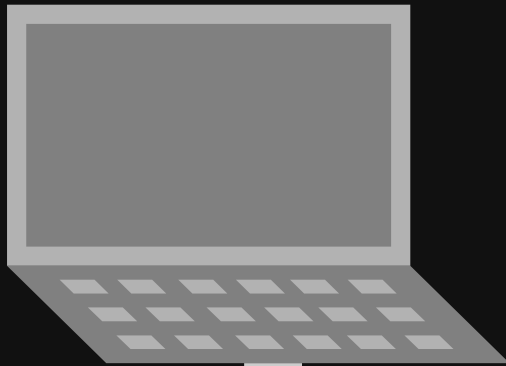


css

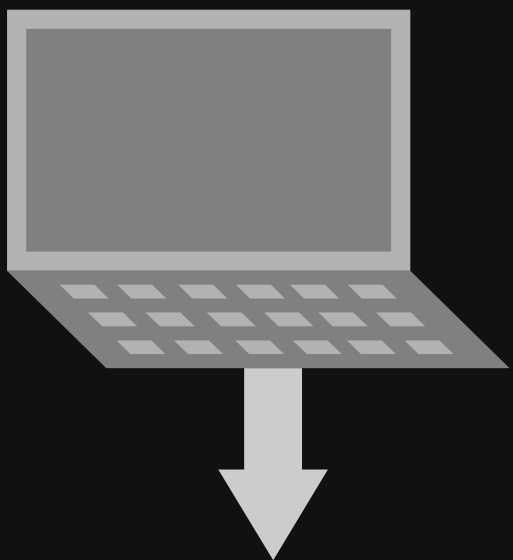
html

js





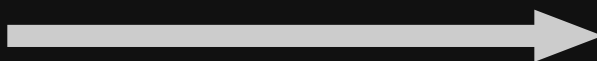




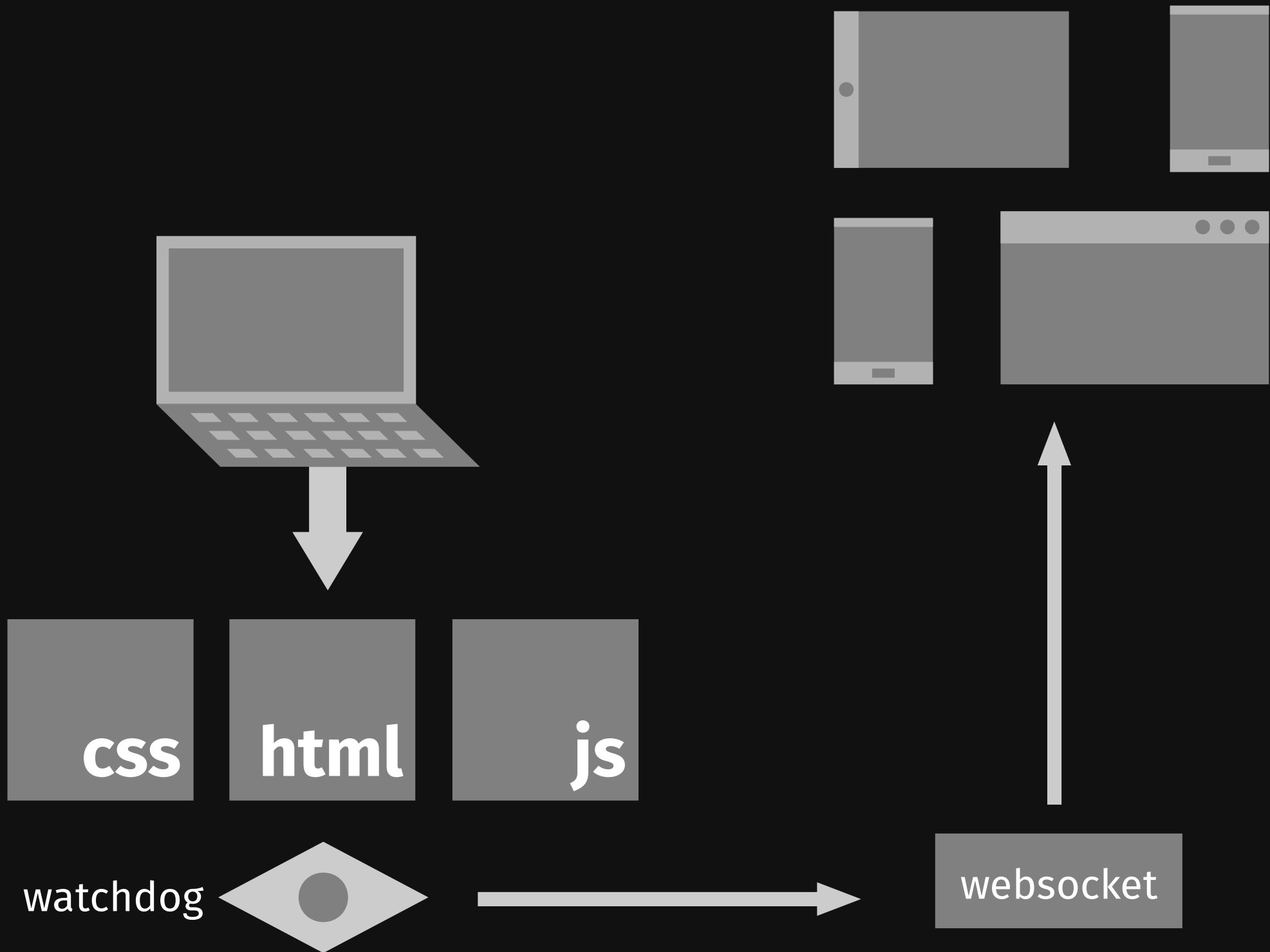
css

html

js



websocket



```
<link rel="stylesheet"  
      href="styles.css?1337">
```

css

html

js

```
<script src="item.html?4242"></script>
```

```
morgen.registerTemplate("item",  
    "<li> {{item}} </li>");
```

css

html

js

```
<script src="item.js?3141"></script>
```

```
morgen.load("itemCtrl", function (c) {  
    // do stuff with "c"  
});
```

css

html

js

morgen has

built-in routing

pub/sub primitives

experimental event propagation

some websocket stuff

so fast

can we improve  
development?

I think so.

<https://github.com/vrde/morgenjs>