

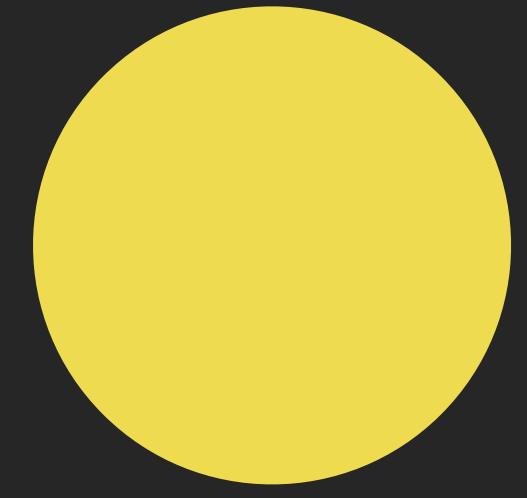


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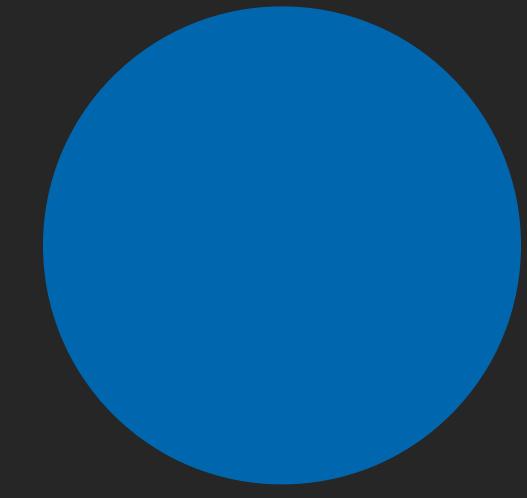
FRONTEND ANNO: 2016

EXPLORATION & ITERATION

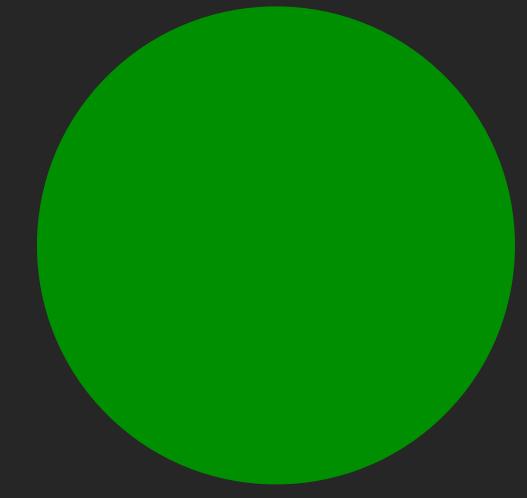
Mikael Brevik
BEKK Open Fagdag, 2016



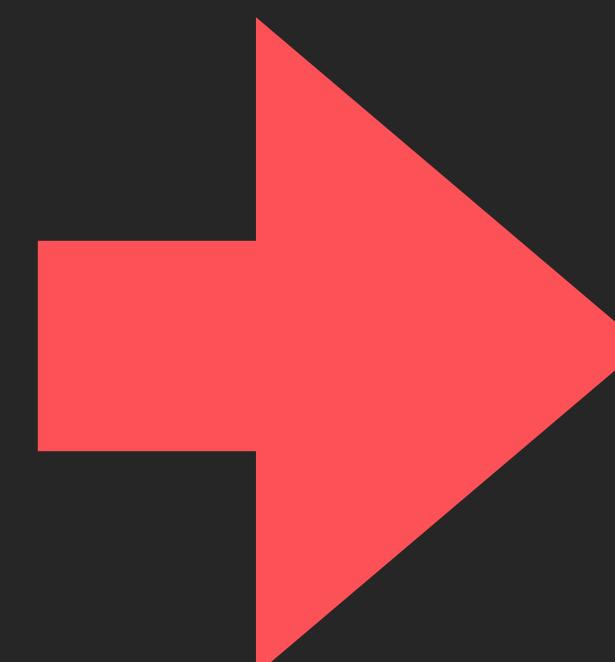
Språk



Brukergenerert



Verktøy



JS

1995

JS

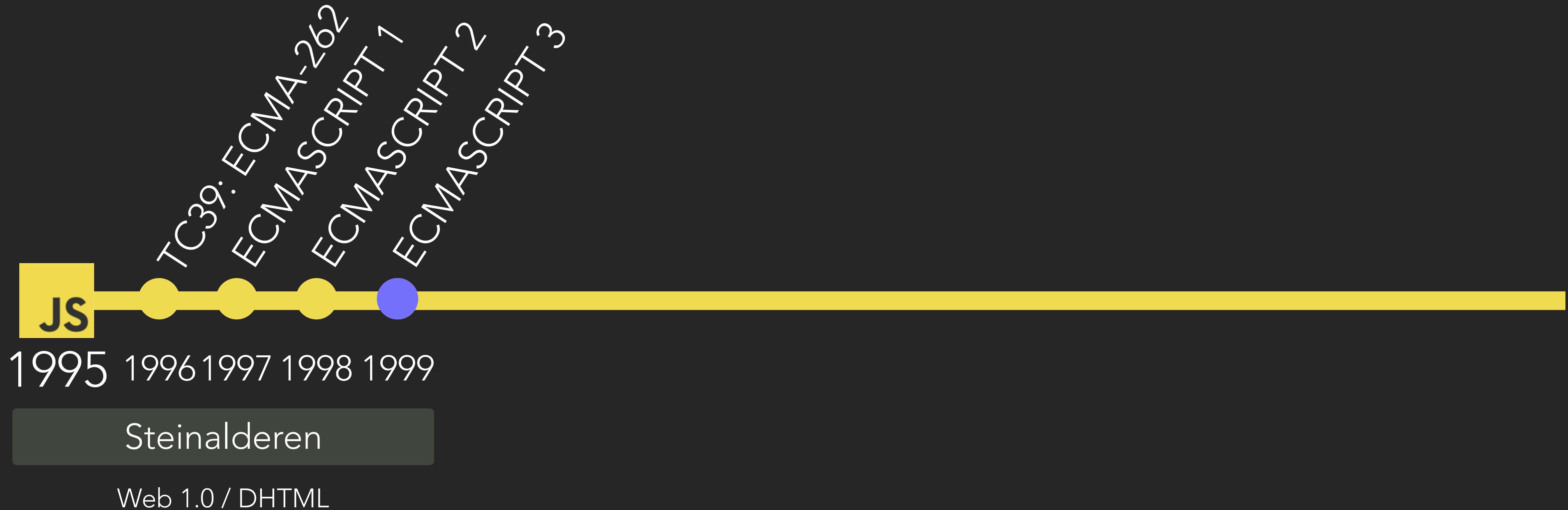
1995

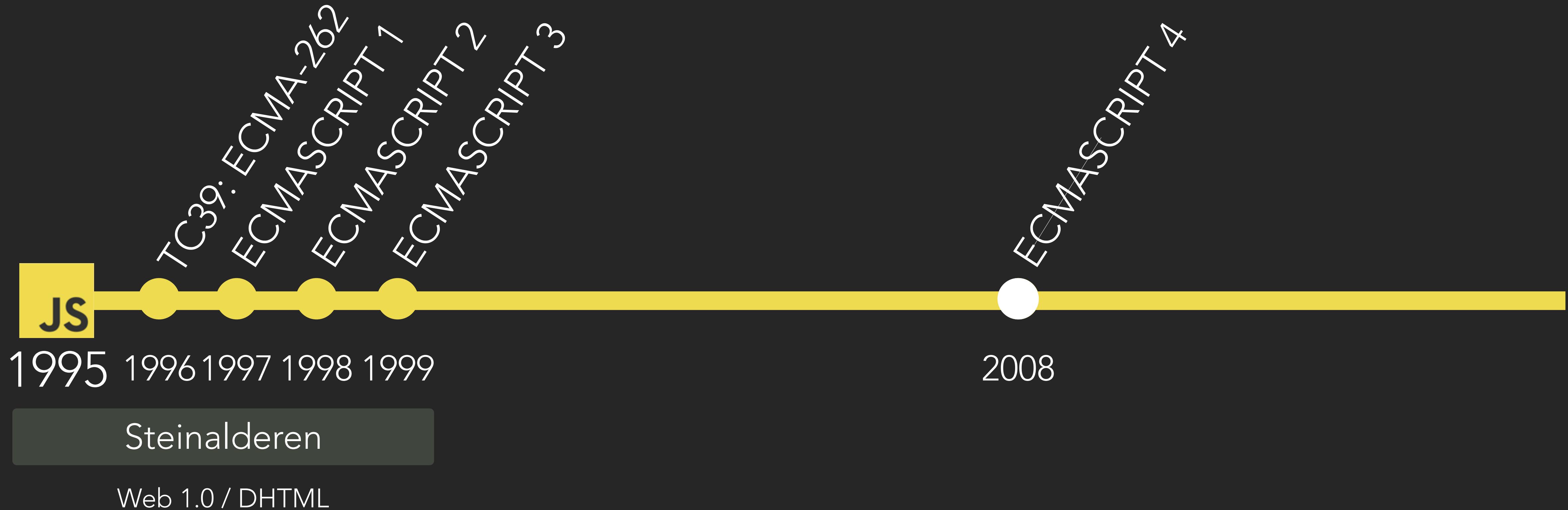


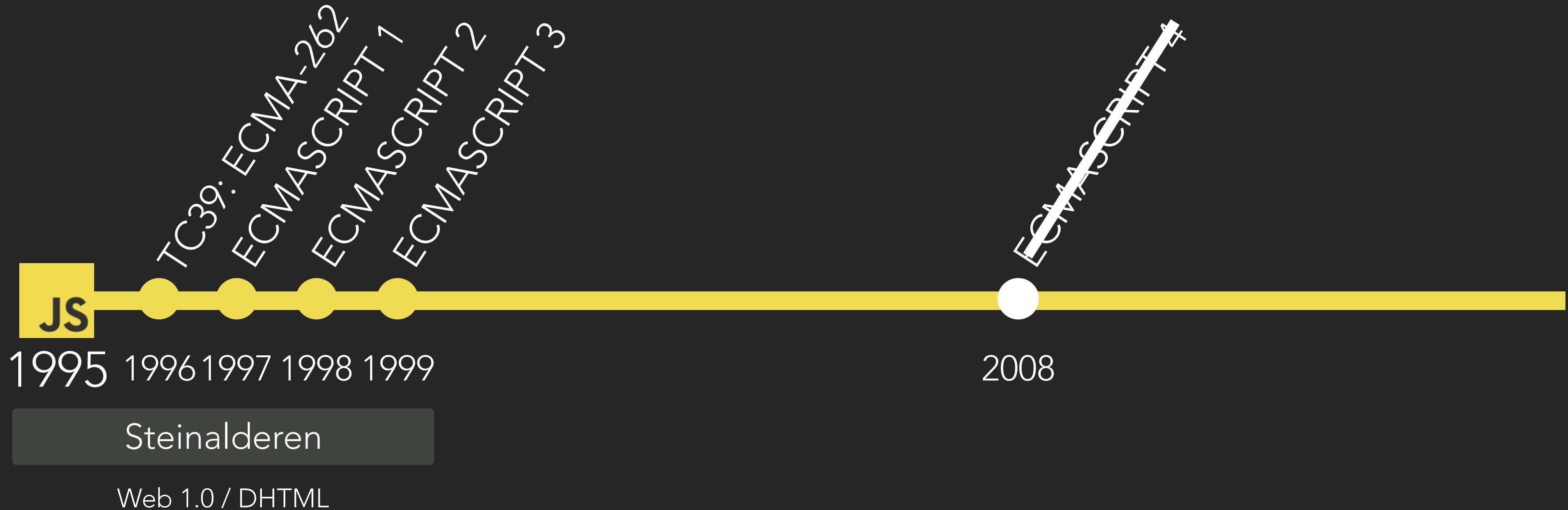






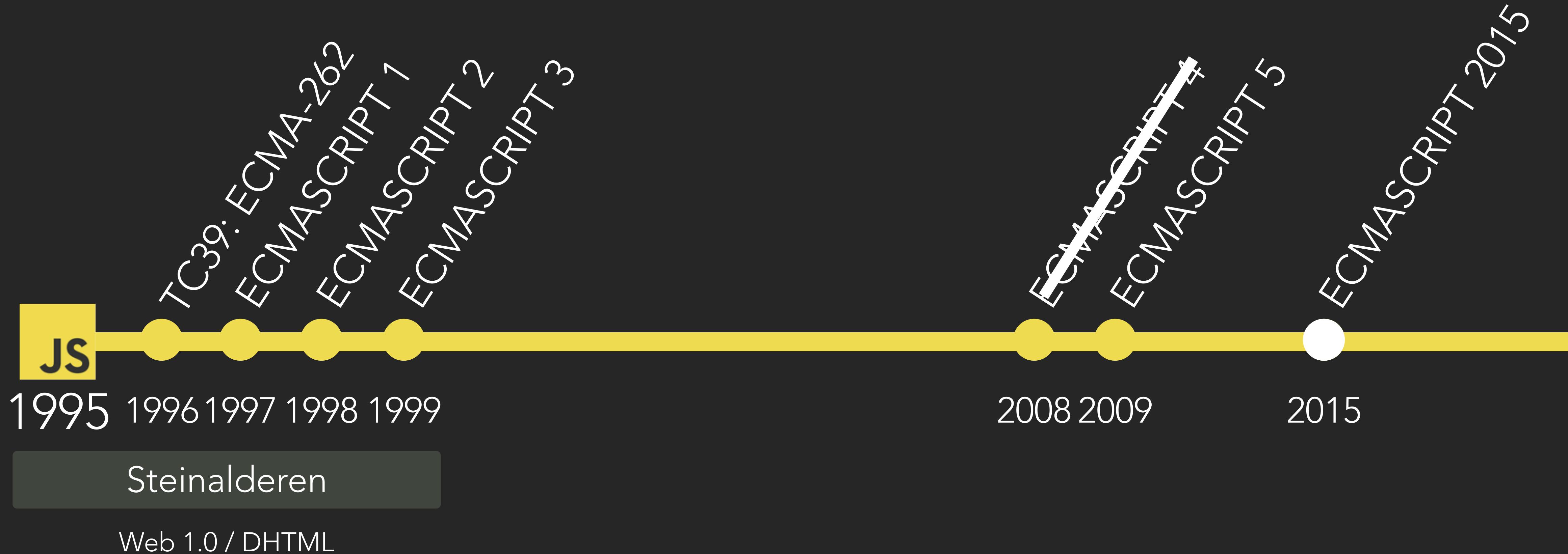


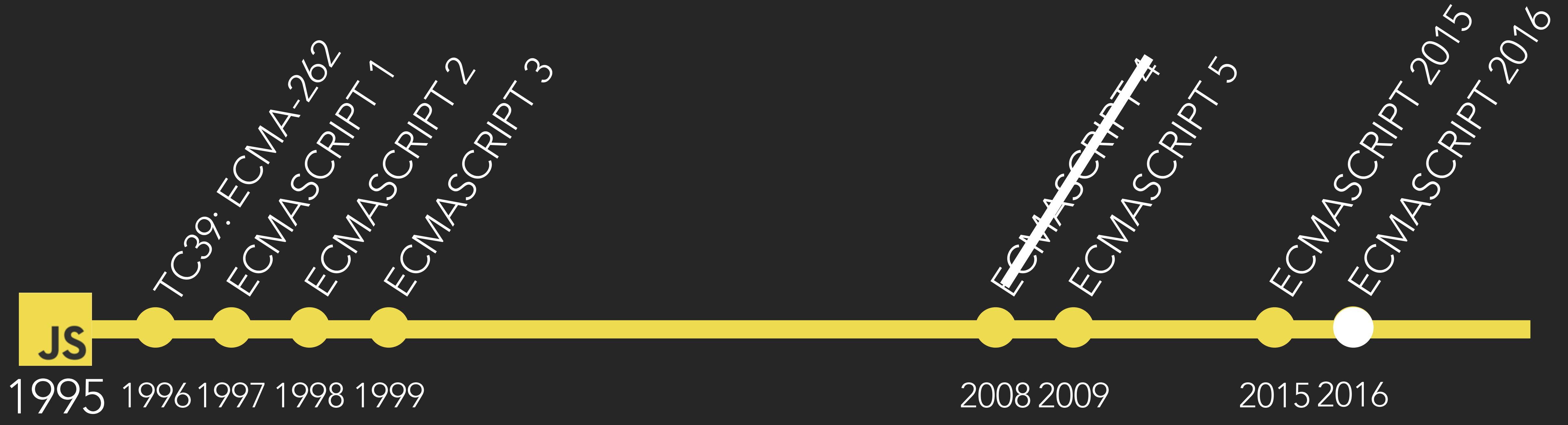






Web 1.0 / DHTML





Steinalderen

Web 1.0 / DHTML



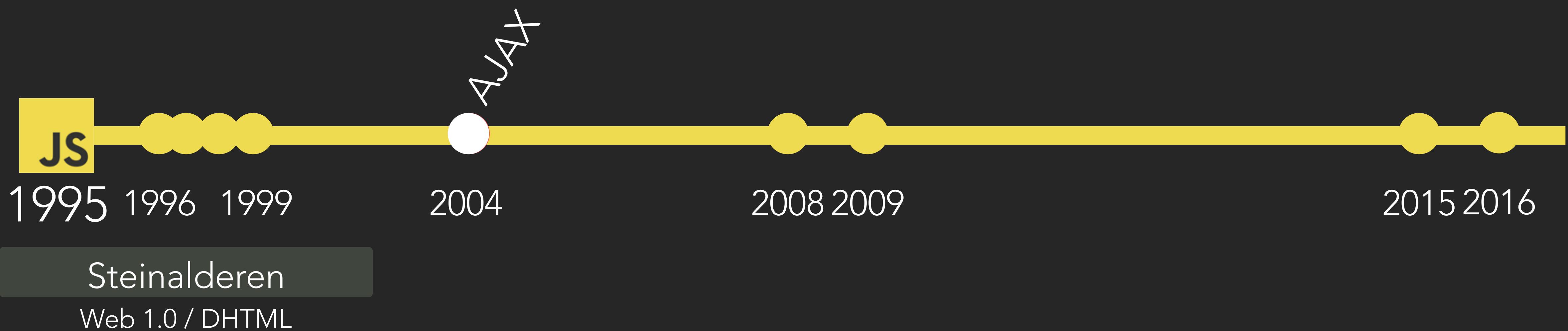
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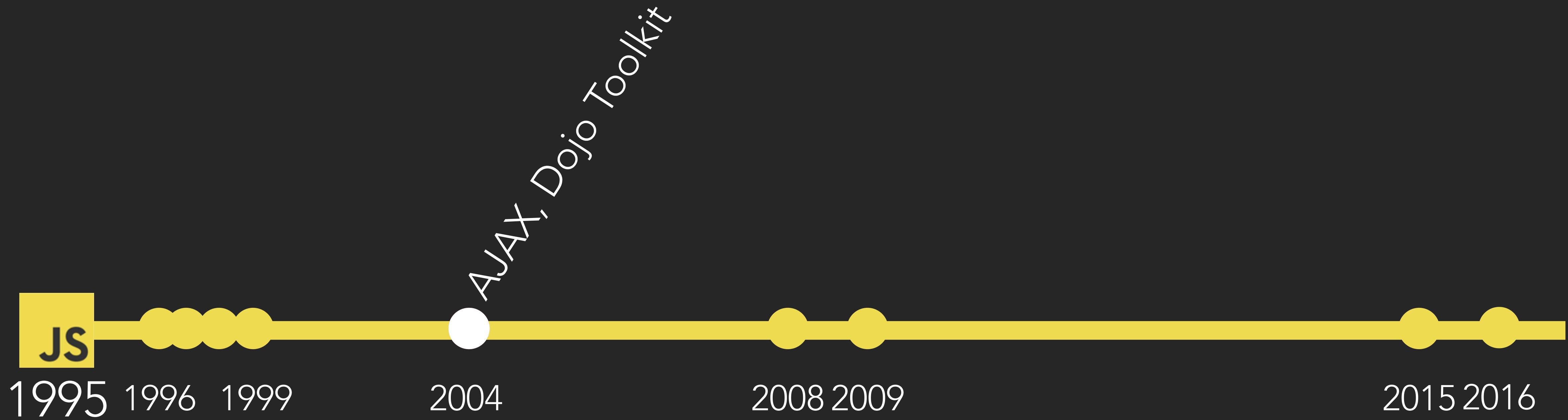
2008 2009

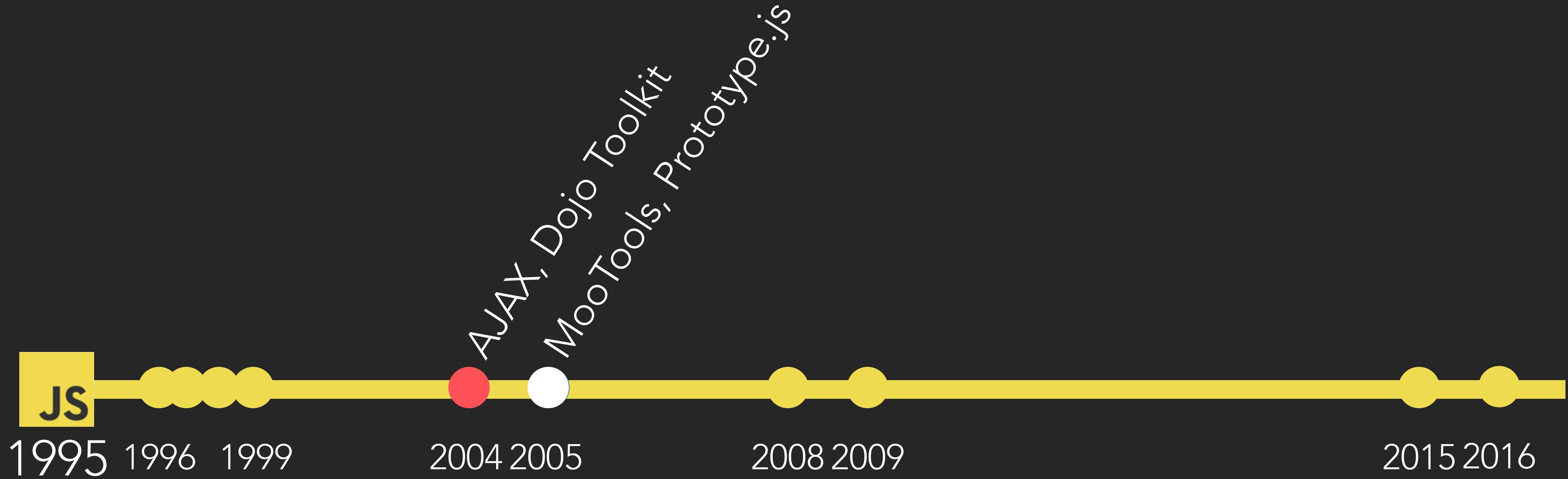
2015 2016

Steinalderen

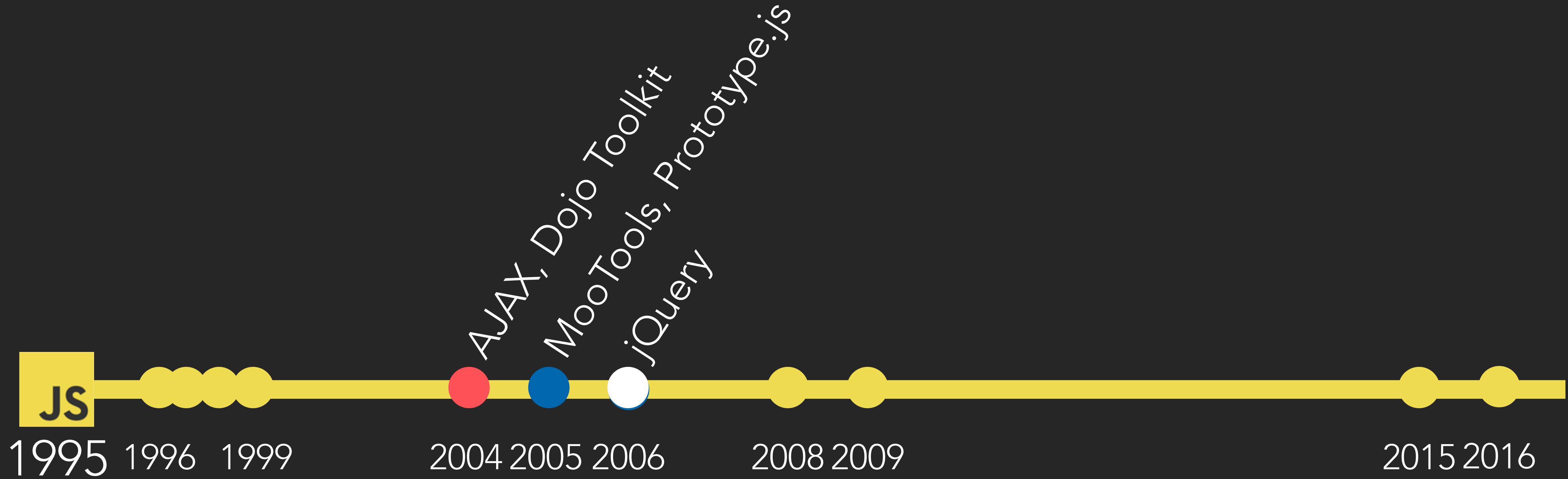
Web 1.0 / DHTML



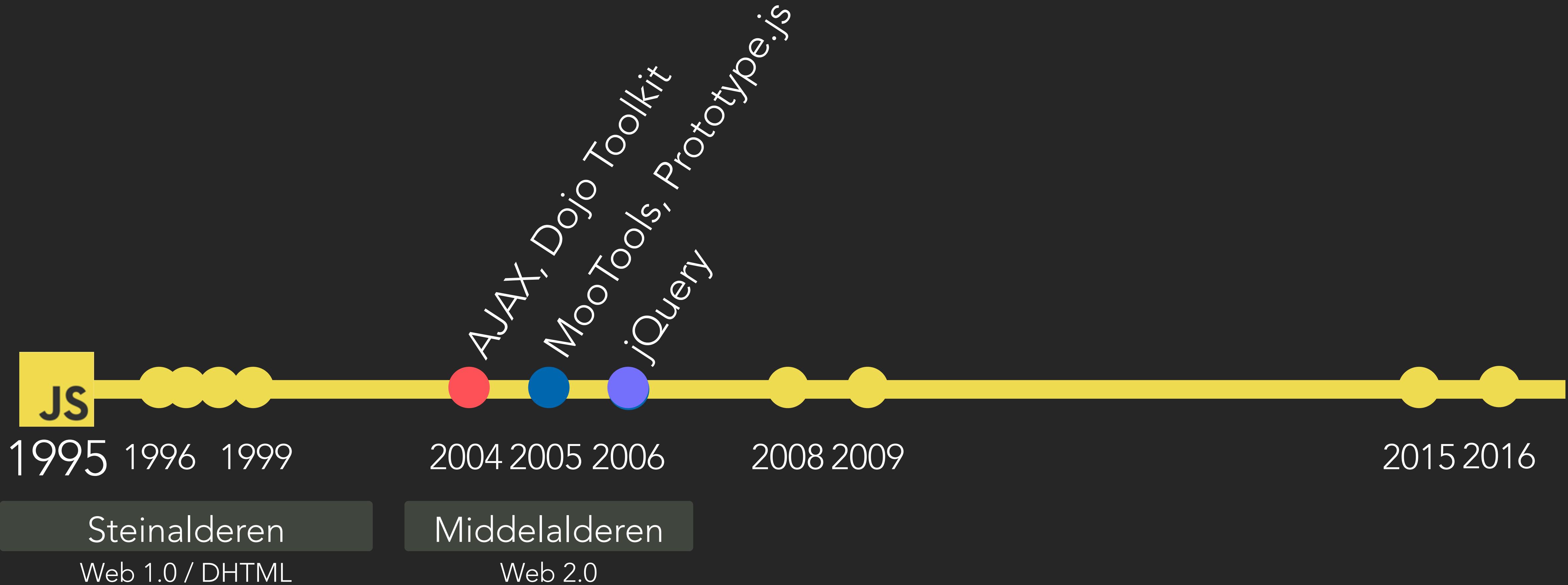


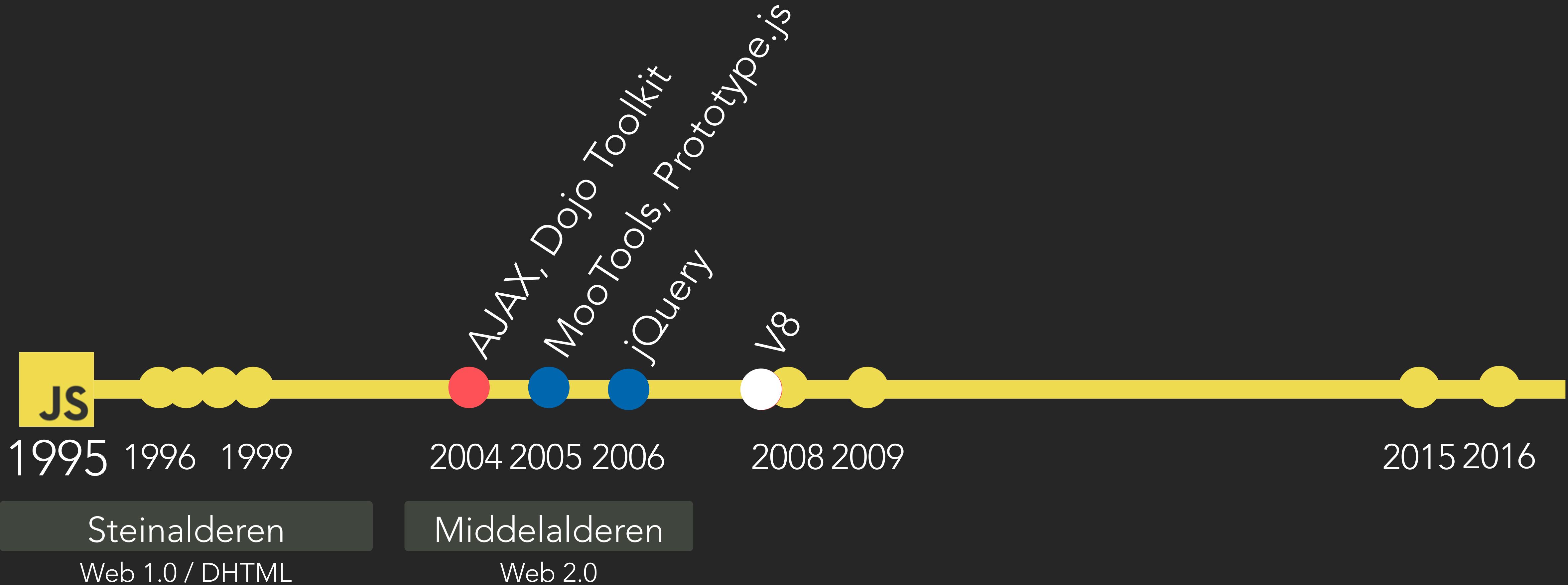


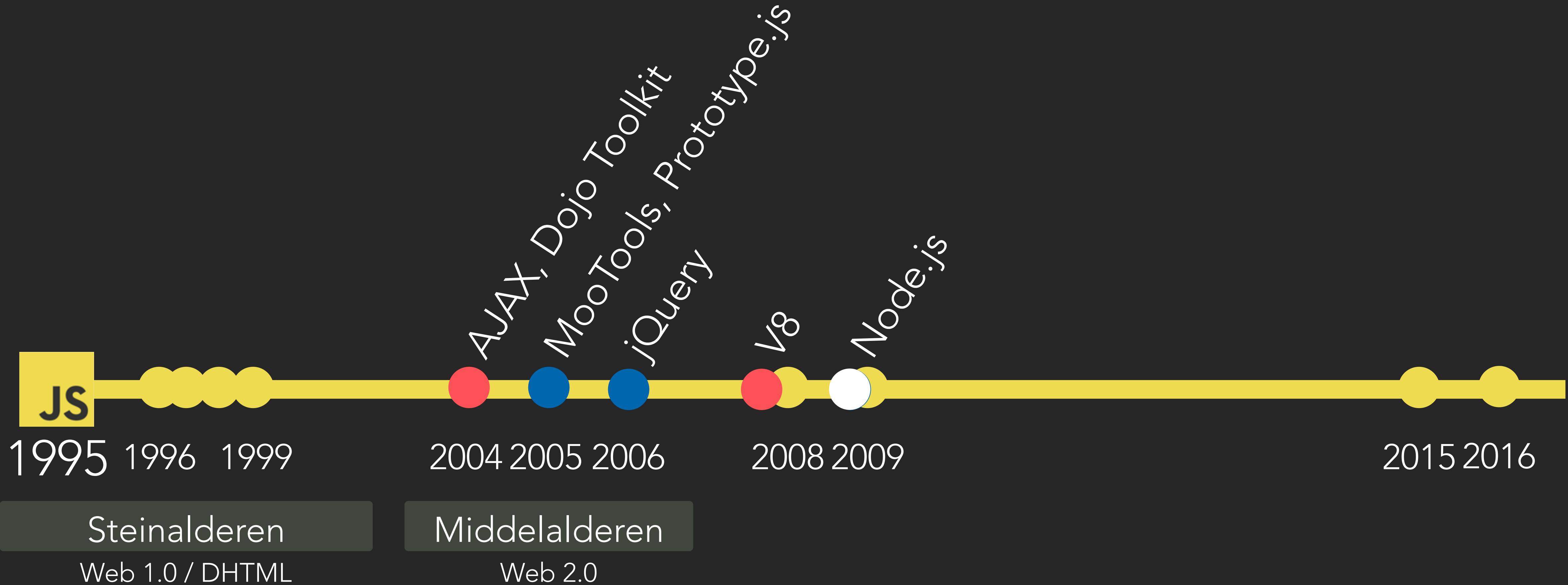
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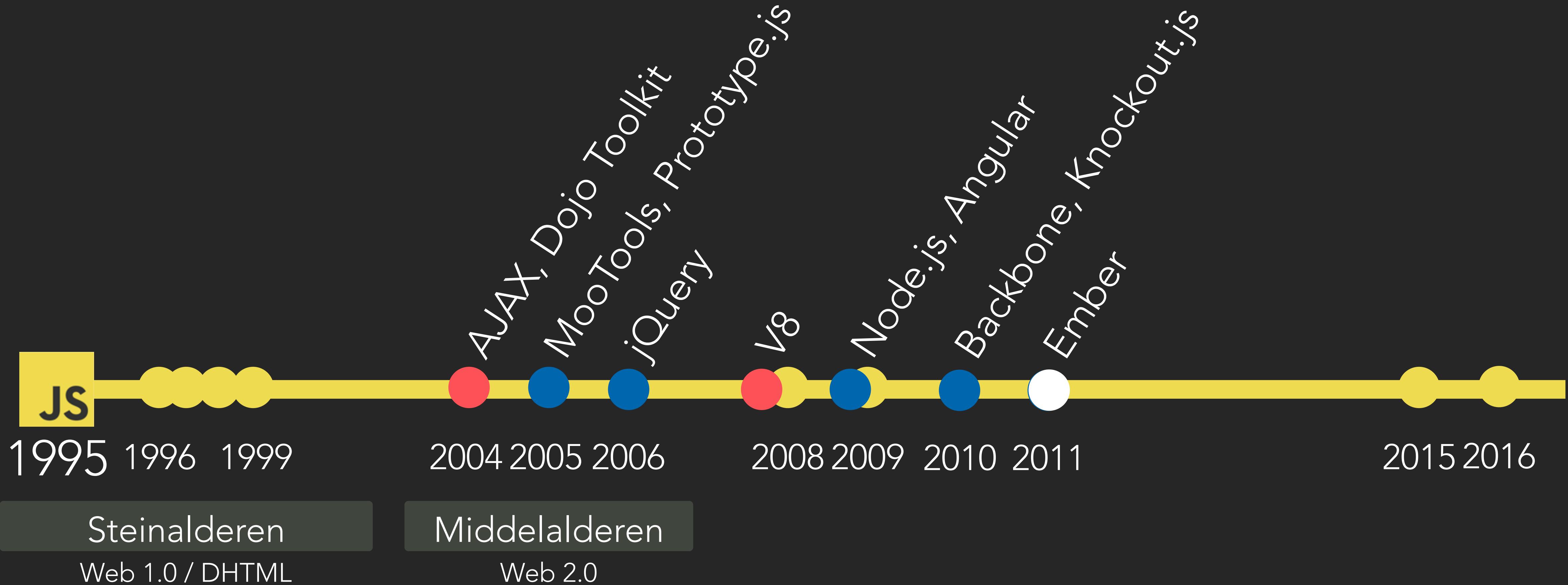


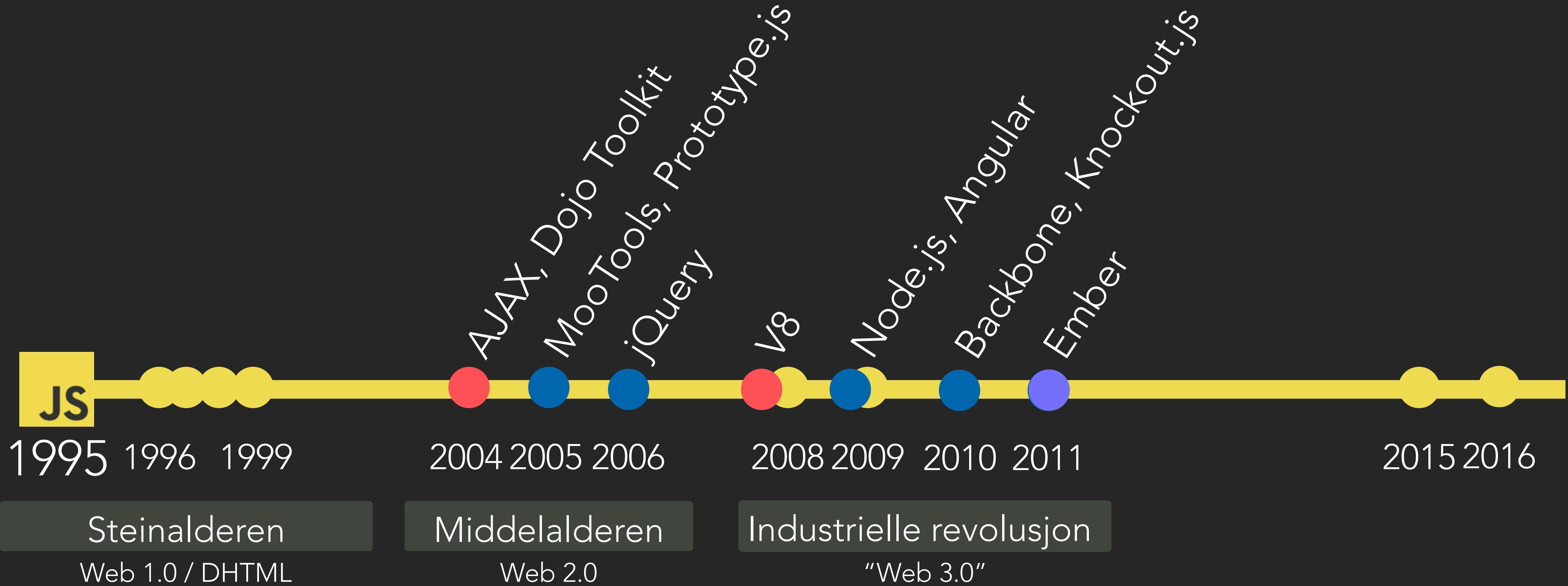
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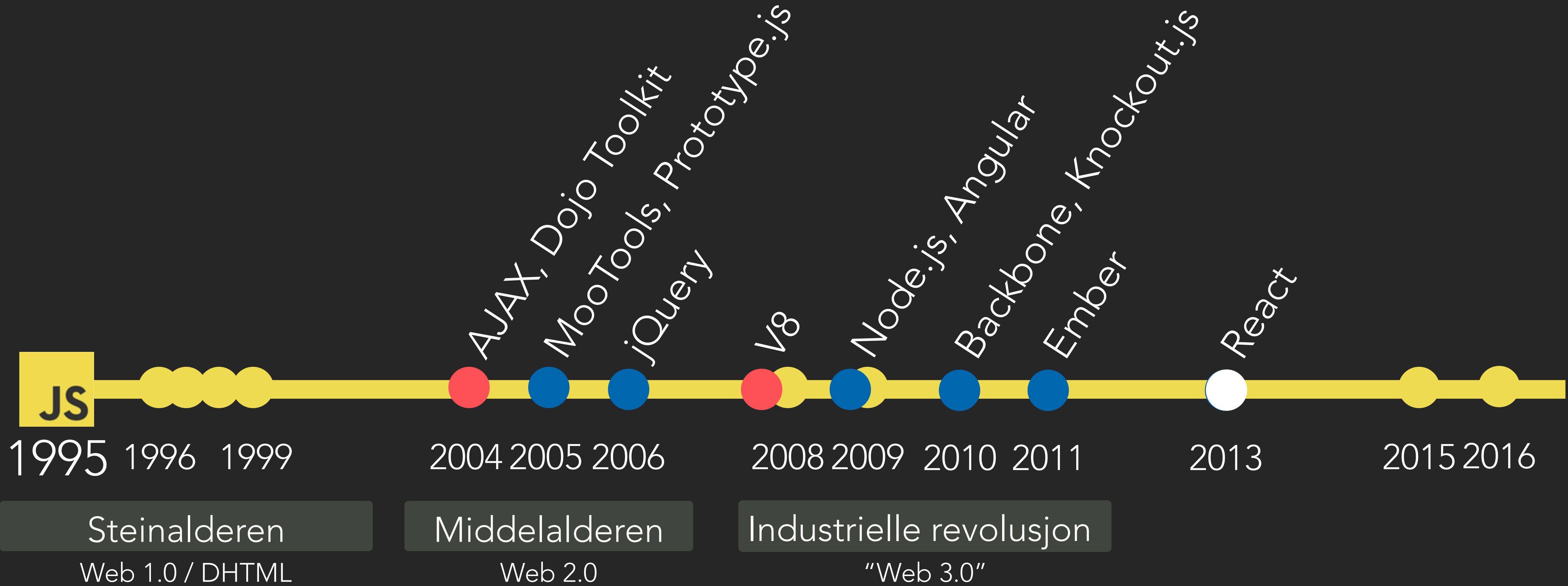


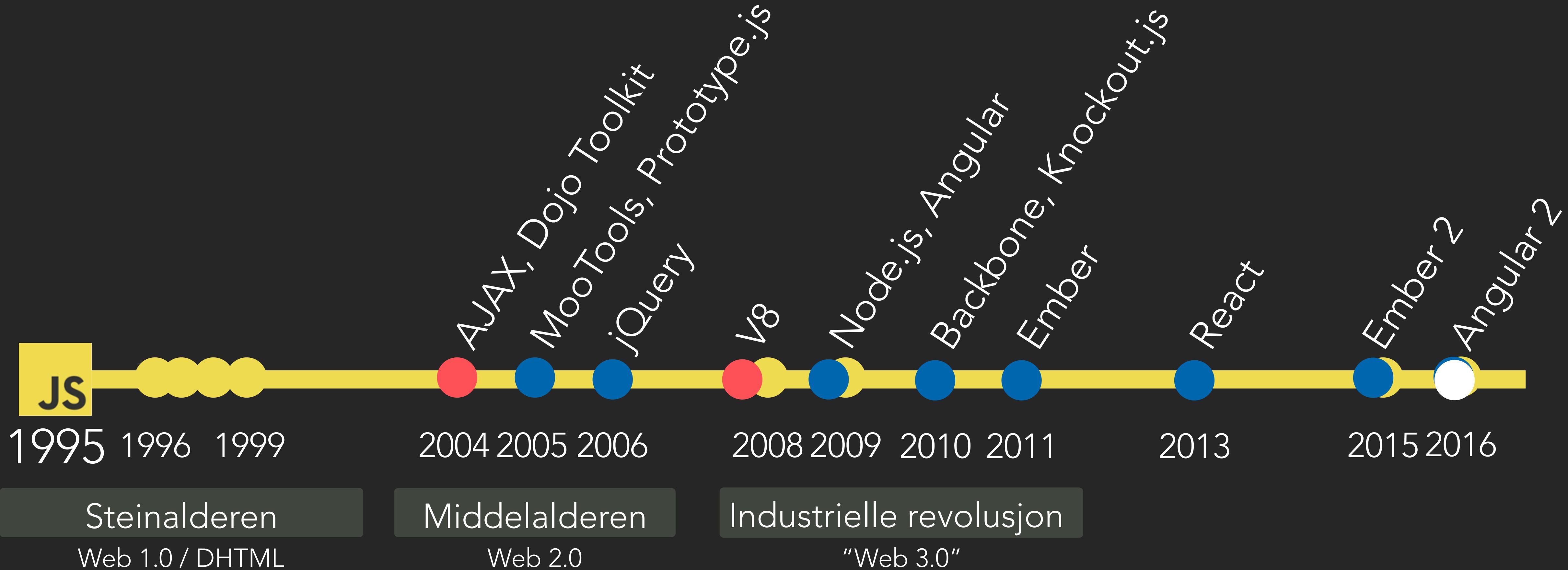


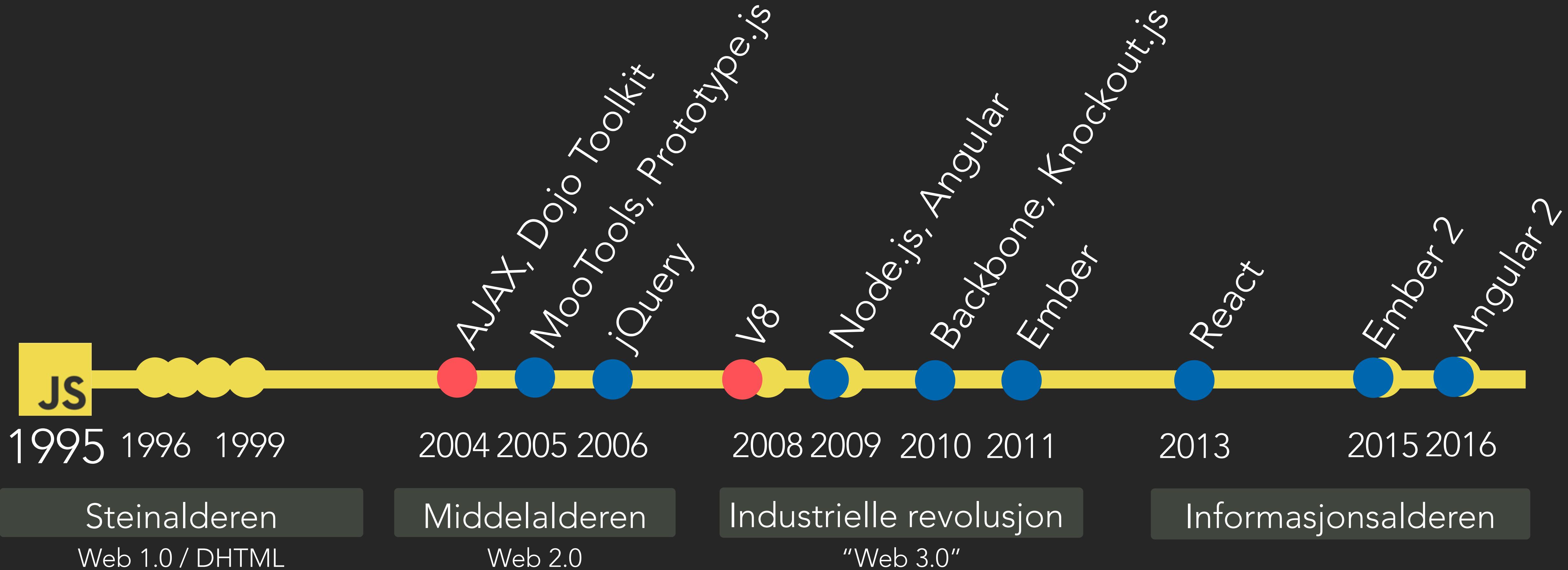


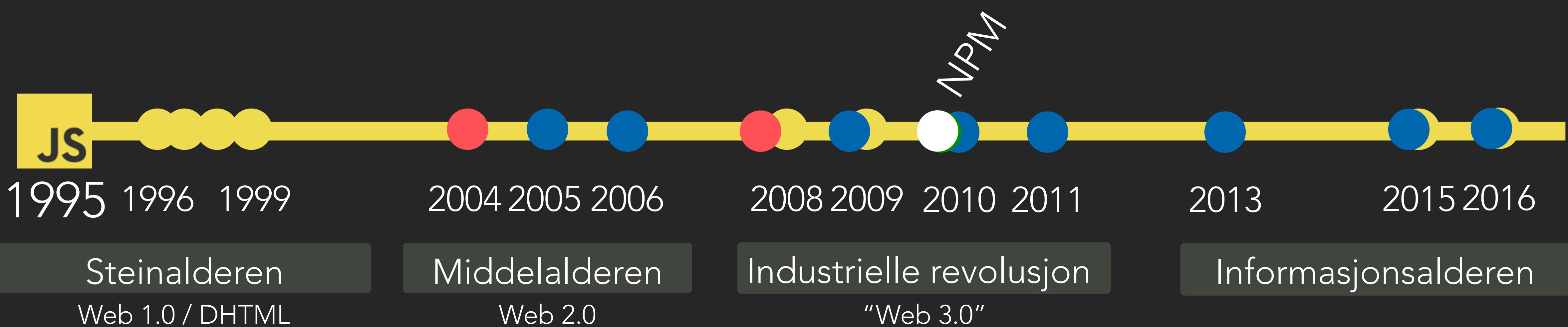


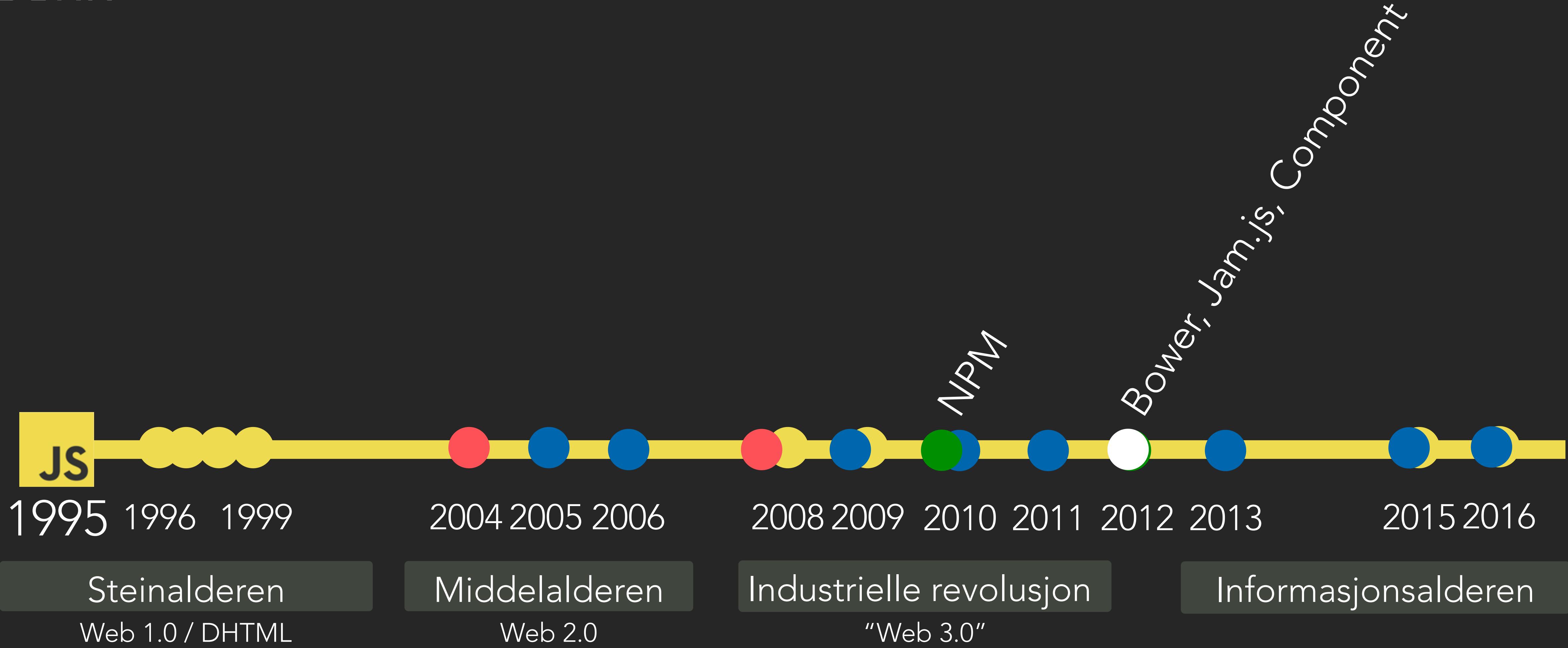


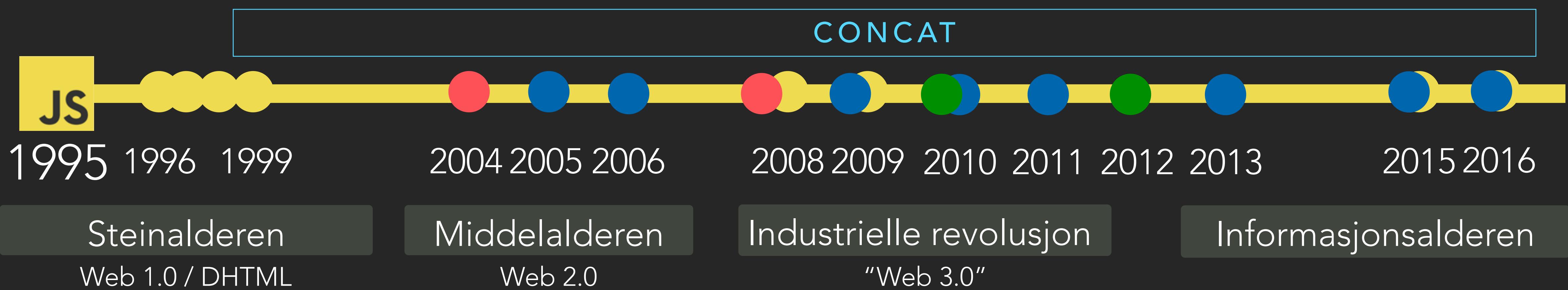


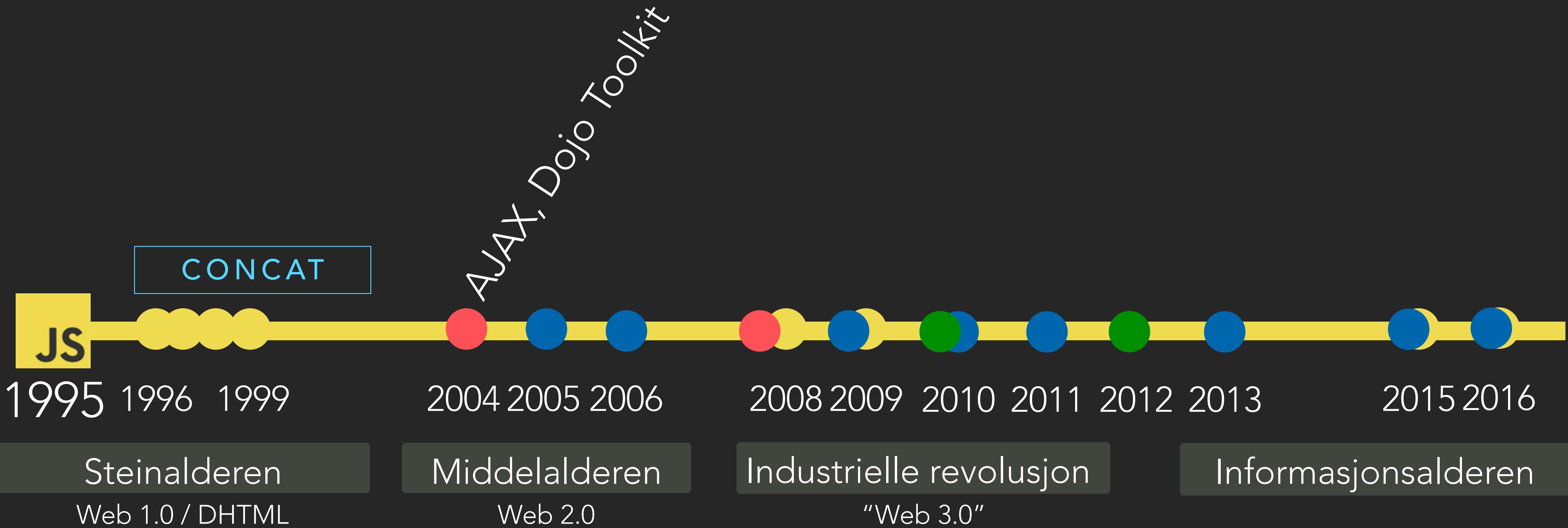


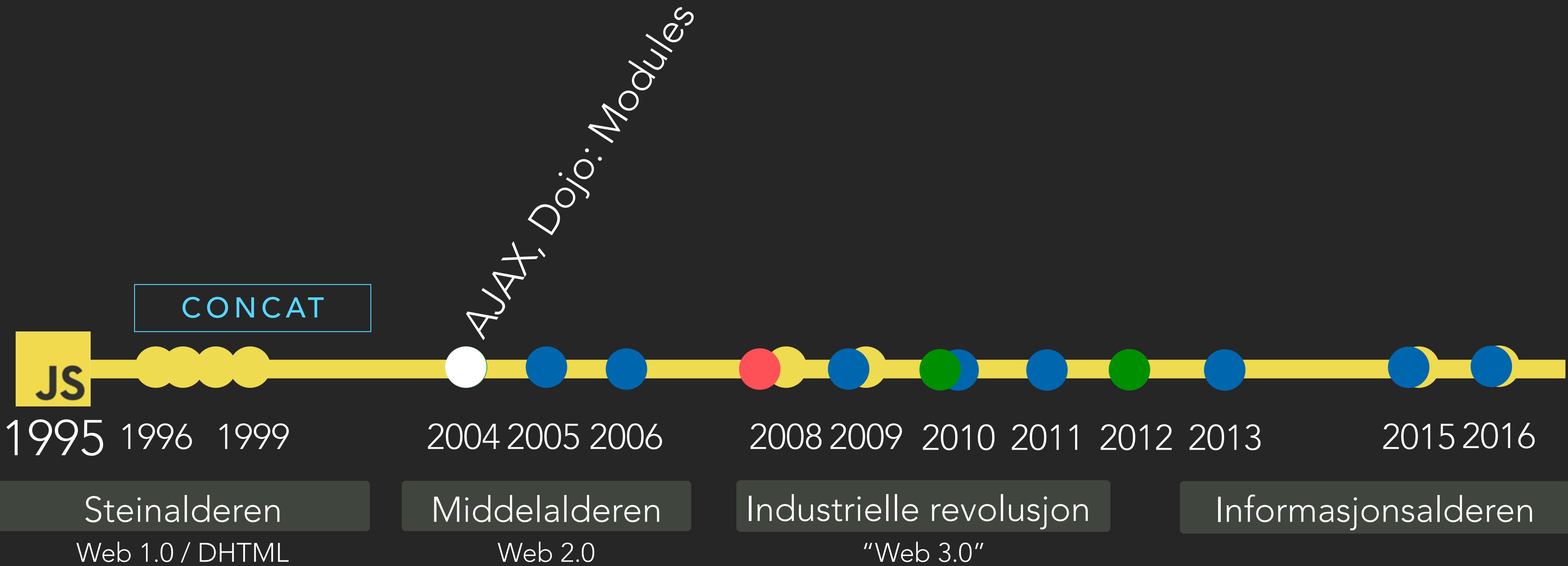


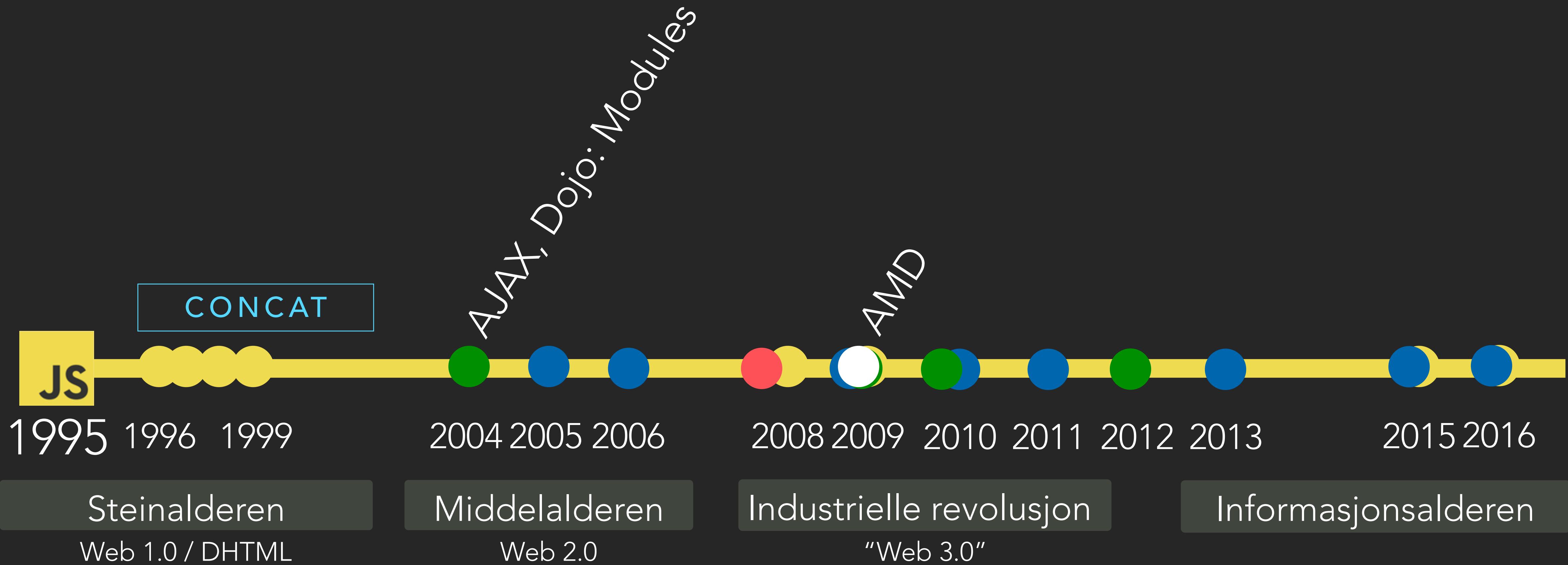


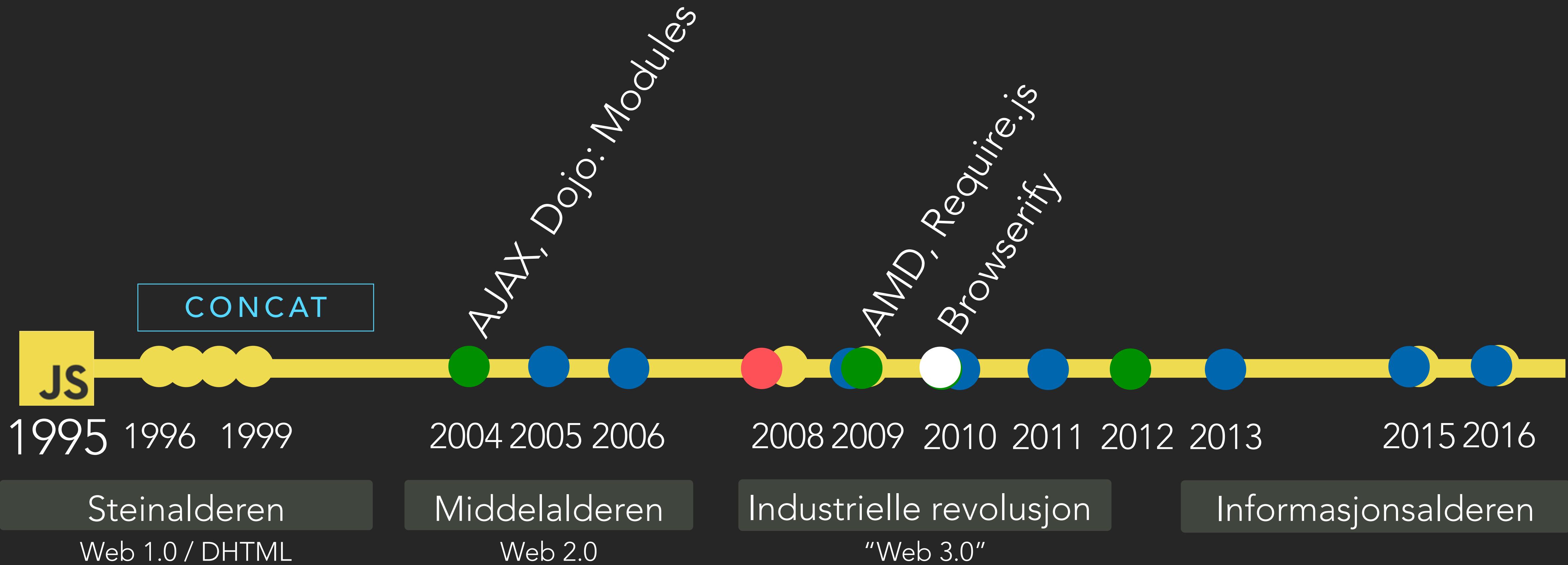


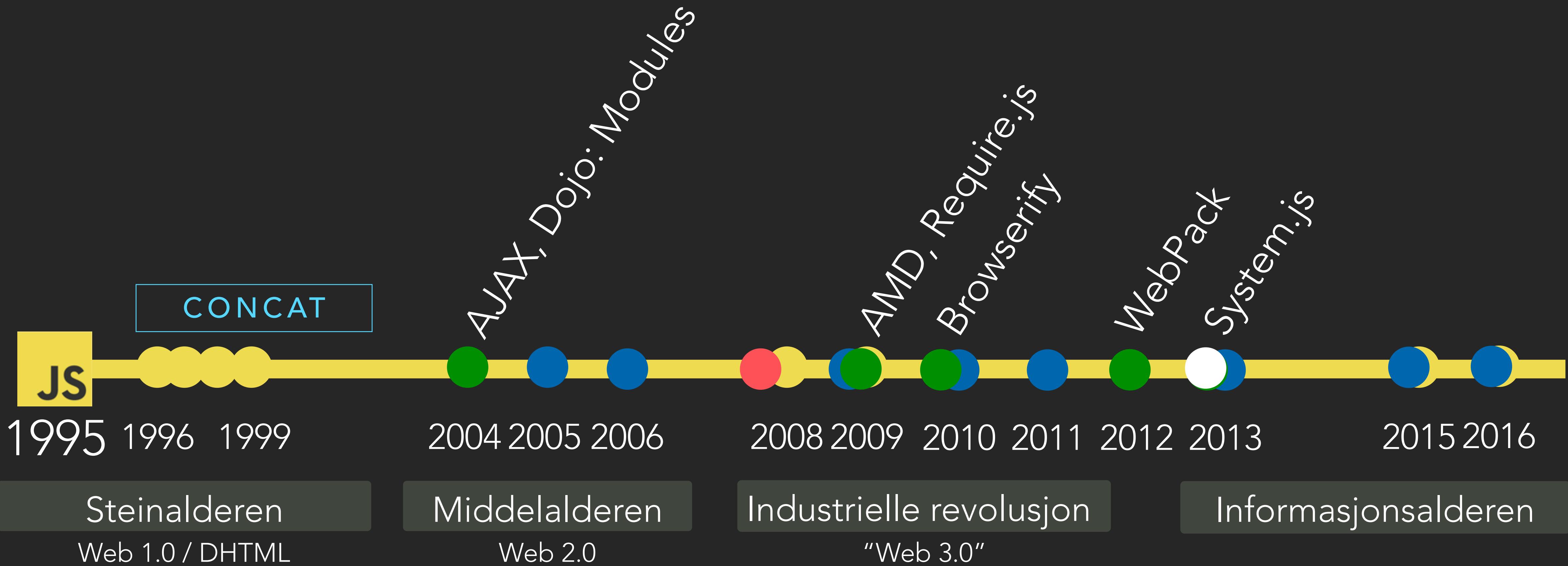


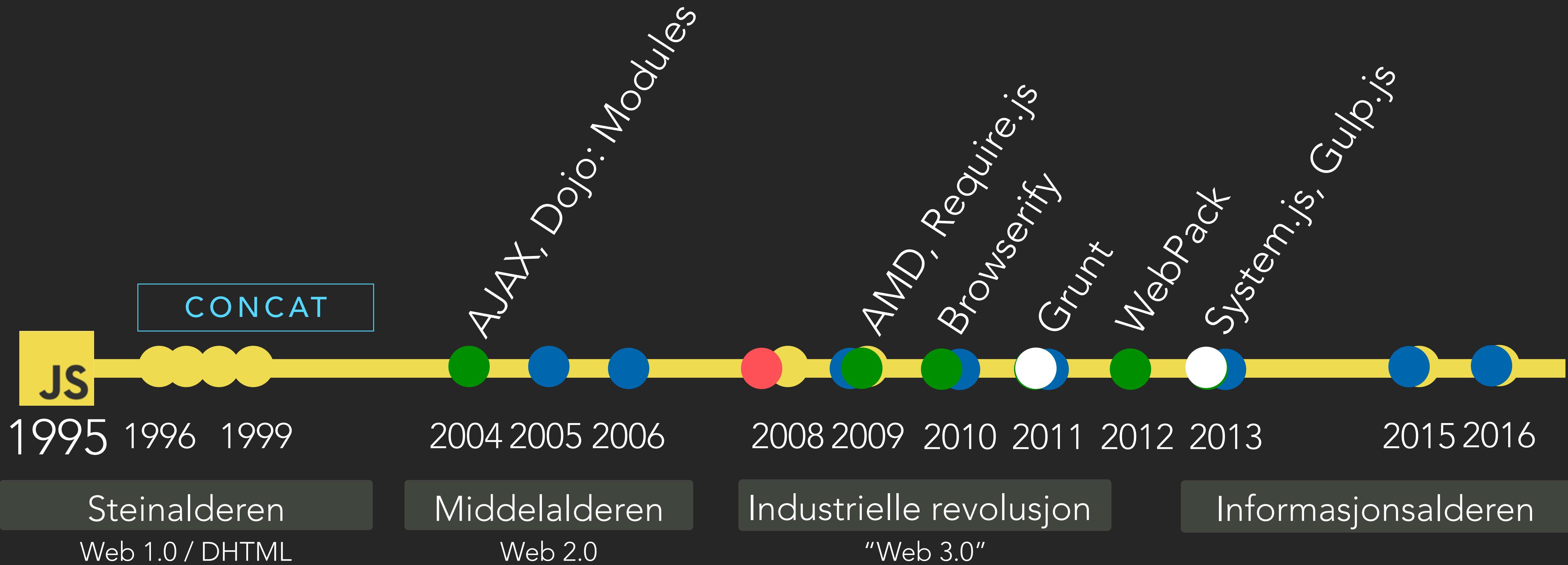


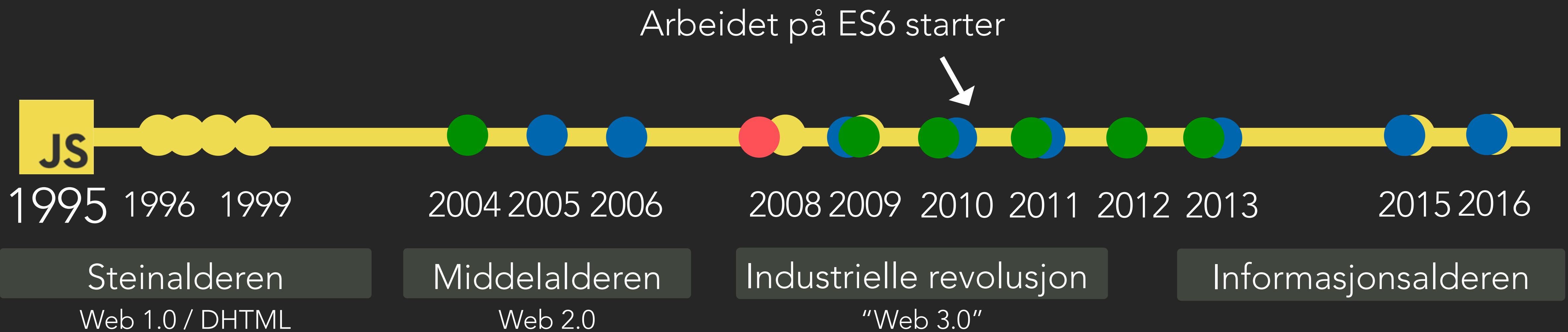


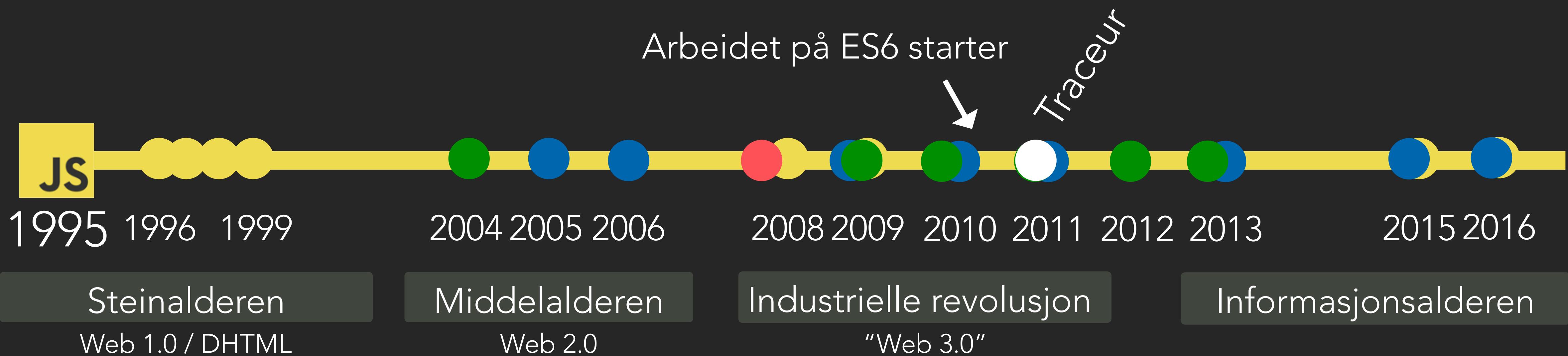


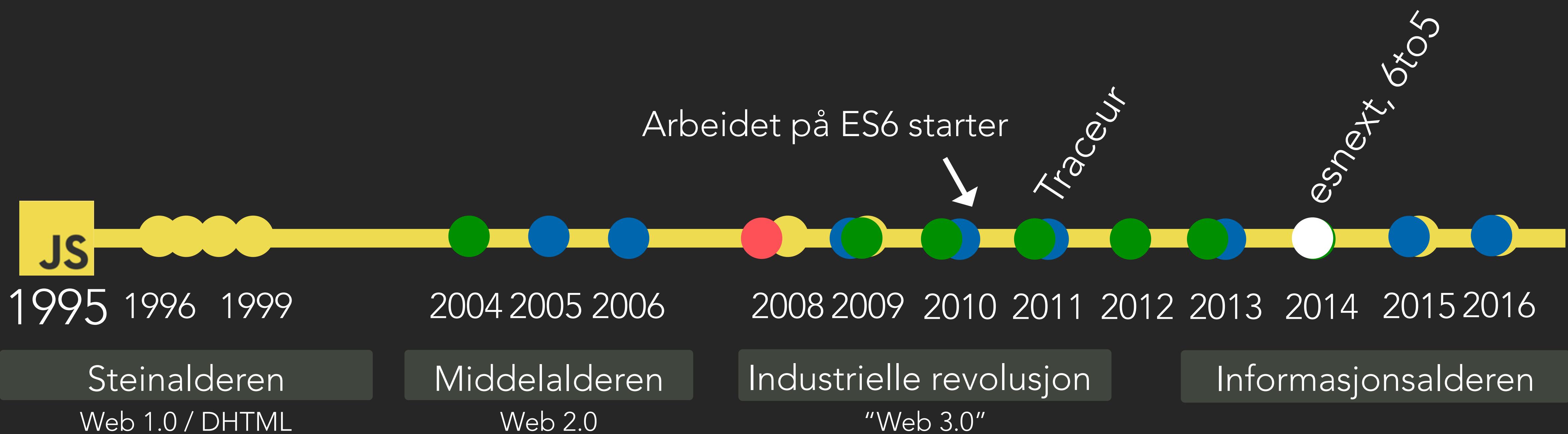


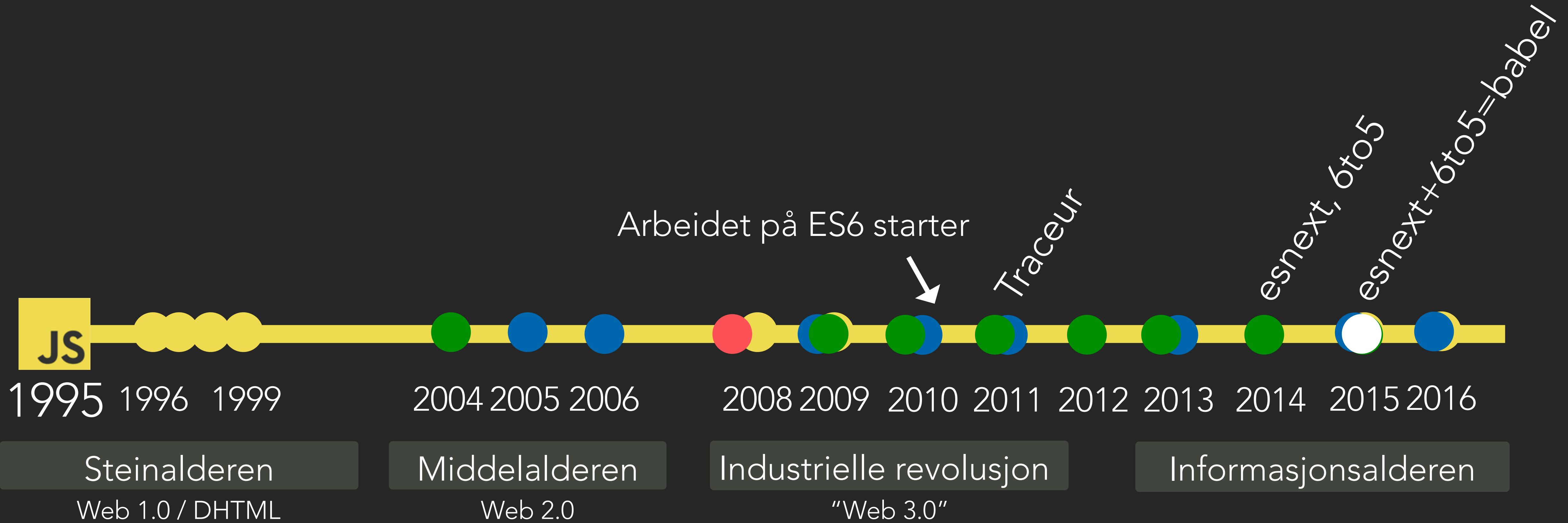






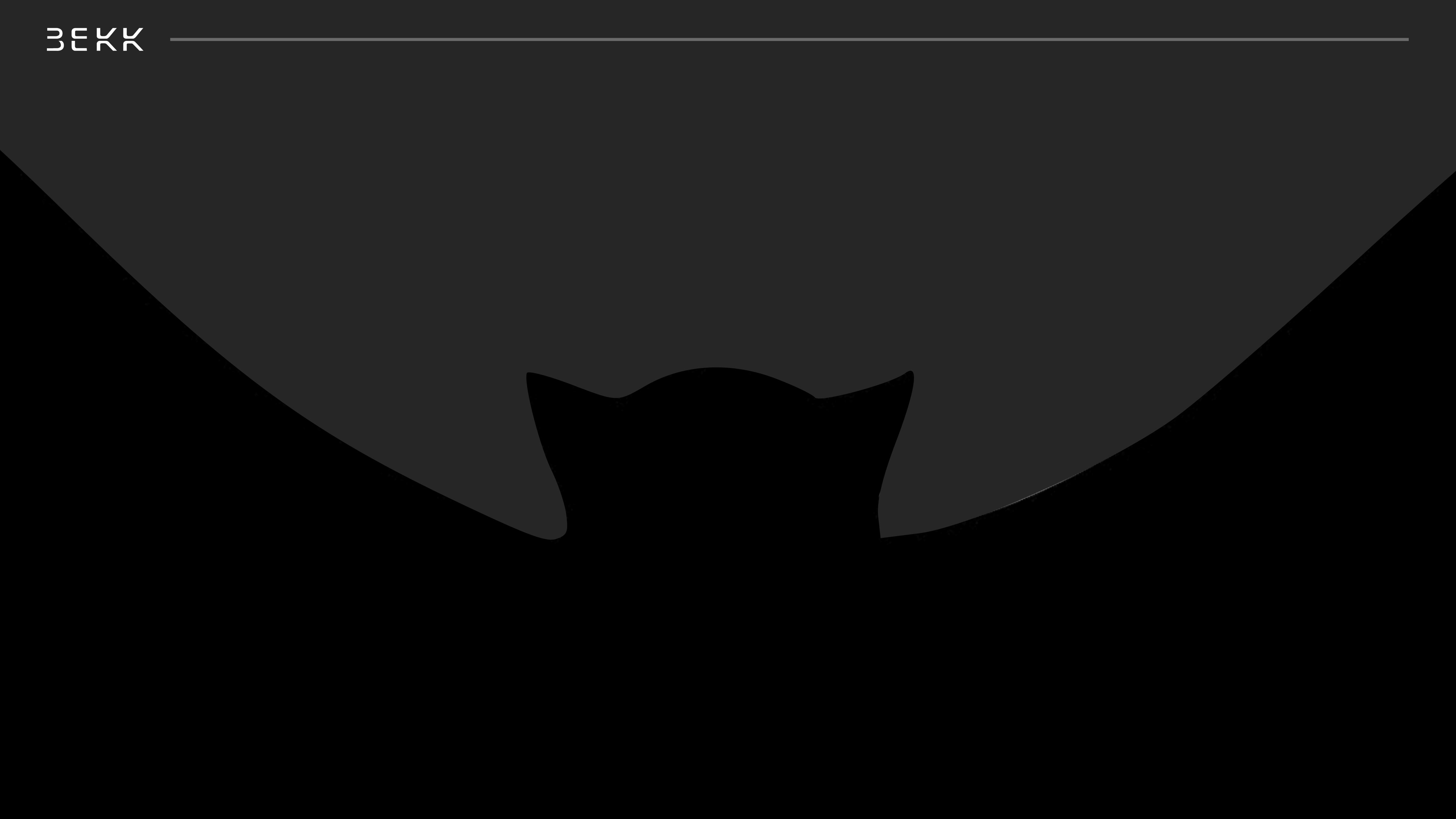








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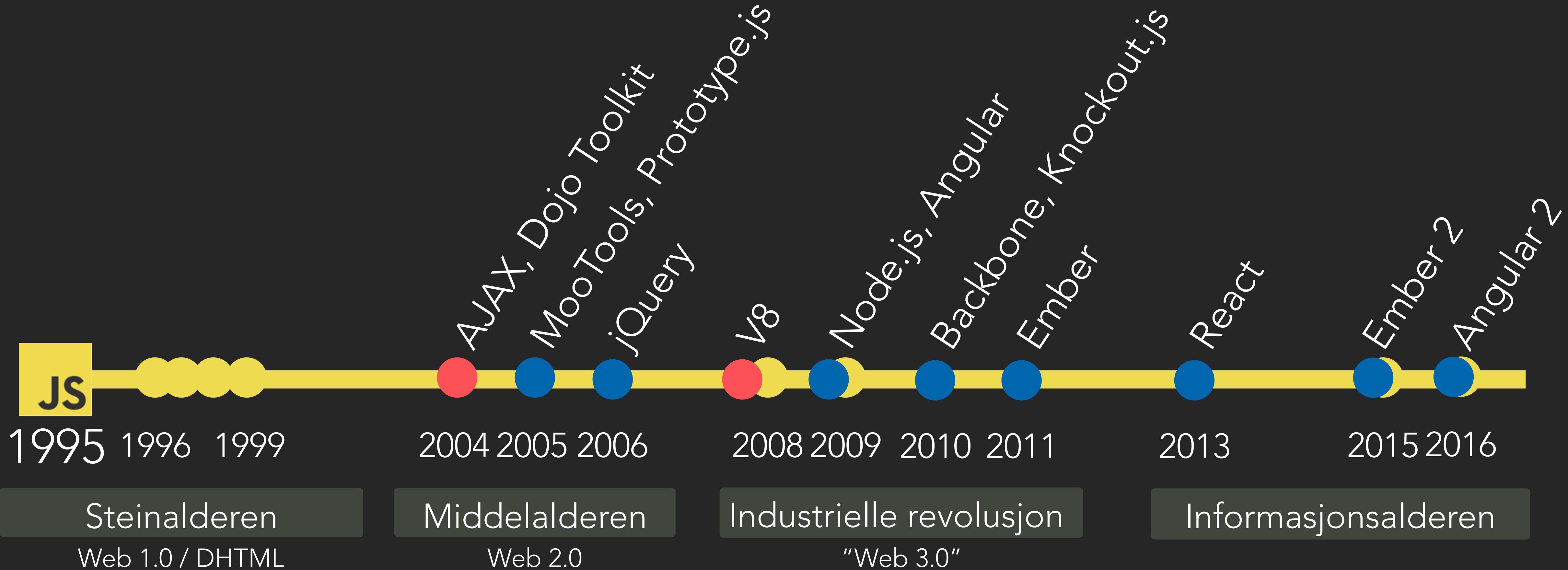






Photo by Tony Webster, flickr@tonywebster.com



Hvordan ser et JavaScript-prosjekt ut i 2016?

En nøktern og konsernativ tilnærningsmåte

o. Ikke alle prosjekter trenger stor klientkode

1. Unngå boilerplates / starter packs

2. Unngå å tro at man trenger et rammeverk

3. Velg et fornuftig abstraksjonsnivå

4. Eksterne avhengigheter fjerner ikke ansvar

5. Fin demo betyr ikke alltid fin programvare

Nytt er ikke et argument for bruk. La teknologien stabiliseres

6. Ikke tenk “Hvorfor ikke” når man kan tenke “Hvorfor”

La behov diktere valg, ikke motsatt.

7. Lær deg plattformen og språket



Photo by cjuneau (<https://www.flickr.com/people/15558406@N03>) from Ottawa, CANADA



1. Bruk Node.js og NPM*

Hvorfor

2. Bruk moduler*

Hvorfor?

```
{  
  "name": "without-babel",  
  "version": "1.0.0",  
  "description": "",  
  "main": "index.js",  
  "scripts": {  
    "test": "echo \\\"Error: no test specified\\\" && exit 1",  
    "build": "webpack app/main.js dist/bundle.js"  
  },  
  "keywords": [],  
  "author": "",  
  "license": "ISC",  
  "devDependencies": {  
    "webpack": "^2.1.0-beta.5"  
  }  
}
```

3. Ta i bruk transpilering**

Hvorfor?

[exp/simple-stack/with-babel](#)

~> npm i -D babel-preset-es2015-native-modules babel-core babel-loader

JS webpack.config.js

```
1  module.exports = {  
2    module: {  
3      loaders: [  
4        {  
5          test: /\.js$/,  
6          exclude: /node_modules/,  
7          loader: 'babel'  
8        }  
9      ]  
10    }  
11  };
```

4. Minifiser i utvikling. Bruk source maps*

Hvorfor?

```
6   "scripts": {
7     "test": "echo \"Error: no test specified\" && exit 1",
8     "build:prod": "webpack app/main.js dist/bundle.js --optimize-dedupe --optimize-minimize",
9     "build": "npm run build:prod -- --devtool inline-source-map"
10    },
11
12  "dependencies": {
13
14    "react": "15.6.1",
15    "react-dom": "15.6.1",
16    "react-scripts": "1.1.4"
17  }
18
19  "scripts": {
20    "start": "node scripts/start.js"
21  }
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23  "devDependencies": {
24    "babel-loader": "7.1.1",
25    "babel-preset-react": "6.2.3",
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742
743 
```

5. Importer avhengigheter direkte

Hvorfor?

```
1 import compose from 'lodash-es/flowRight';  
2  
3 let a = n => n * 3;  
4 let b = n => n + 2;  
5 let ab = compose(a, b);  
6 console.log(ab(4));  
7
```



bundle.js 7.74 kB 0 [emitted] main
+ 42 hidden modules

6. Test kode utenfor nettleser*

Hvorfor?

```
1 import test from 'ava';
2
3 test('foo', function (assert) {
4     assert.is('foo', 'foo');
5 });
6
```

```
4     "description": "",
5     "main": "index.js",
6     "scripts": {
7         "test": "ava app/tests/*.js",
8         "build:prod": "webpack app/main.js dist/bundle.js --optimize-dedu
9         "build": "npm run build:prod -- --devtool inline-source-map"
10    },
11    "keywords": [],
12    "author": ""
```



[exp/simple-stack/with-babel](#)

npm test

```
> without-babel@1.0.0 test /Users/mikaelbrevik/Documents/Sites/exp/simple-stack/with-babel
> ava app/tests/*.js
```

1 passed

7. Bruk sunn fornuft og god dommekraft

La behov diktere valg, ikke motsatt.

BEKK



Endringsrate



Språkutvikling

Endringsrate



Byggesystemer



Endringsrate

Rammeverk/biblioteker



Endringsrate



?



TWITTER: @MIKAELBREVIK

For kommentarer eller spørsmål.

Gi tilbakemelding på: <http://program.bekk.no>

3CKK
