

presentation available at  
**[github.com/horosin/](https://github.com/horosin/)**



# No framework web apps

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Artificial Intelligence & Bioinformatics  
for Precision Medicine

CODĒ  
AGAINST  
CANCER



why?

the talk:

practical example

+

useful features

# frameworks - good stuff

component-based approach

structure

standard way

you don't need veterans

no need to reinvent the wheel

support

data binding

# frameworks - bad stuff

heavy (CPU and size)

get outdated, change, update

cannot reuse code across them

you become the master of framework not the lang

# Is JS ready?

(are we?)



# WebComponents

routing?

Data binding?

# You can always use libs!

(light and trusted ones)

**we'll use:**

webpack  
webpack dev server  
babel

let's code

## takeaways:

- you can create a scalable app using vanilla JS
- if it's still a risk for you, try to create use some reusable web components in your workflow





# Resources

No WebComponent approach:

<https://dev.to/rishavs/making-a-single-page-app-in-ye-good-olde-js-es6-3eng>

Custom elements in HTML spec:

<https://html.spec.whatwg.org/multipage/custom-elements.html#custom-elements>

Cool WebComponents talk

<https://www.youtube.com/watch?v=0FstlG9t5v0>