

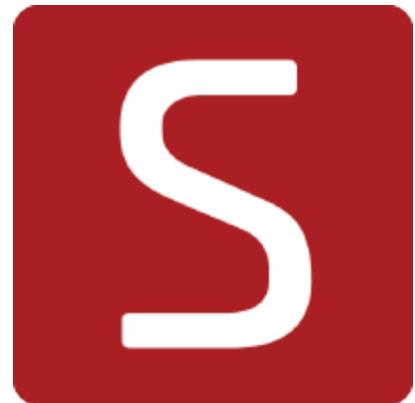


version 0.1



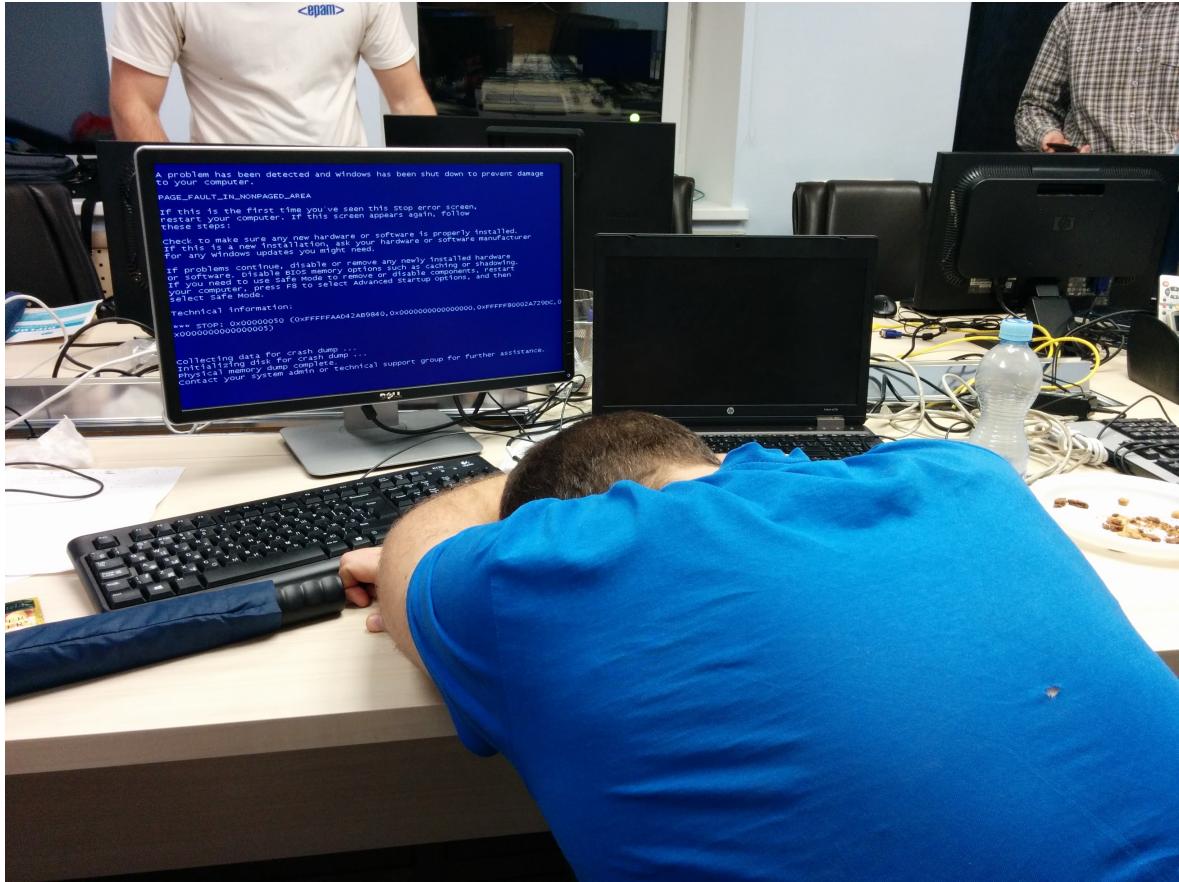
<ерат>

**Svelte.
Первый взгляд.**



Александр Шушунов

или просто
Саша





Кто на фото?

Счет: 5



Джордан Смит

Рич Уиллс

Эва

Марко Хевери

Ответить



Vue.js



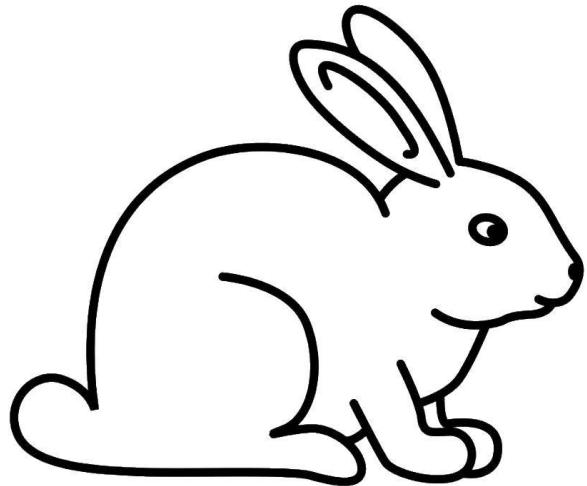
BACKBONE.JS

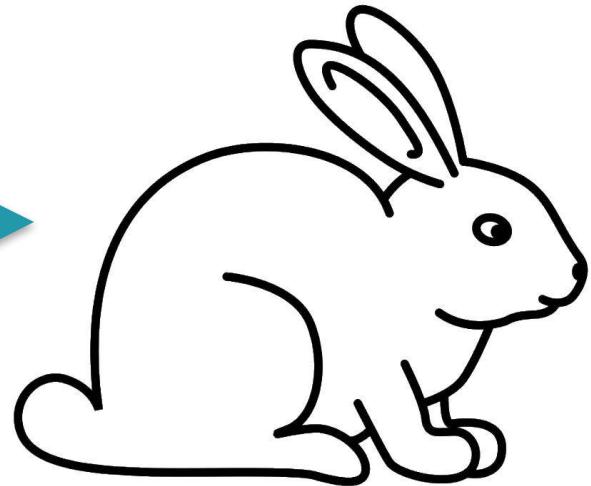




CLICK HERE

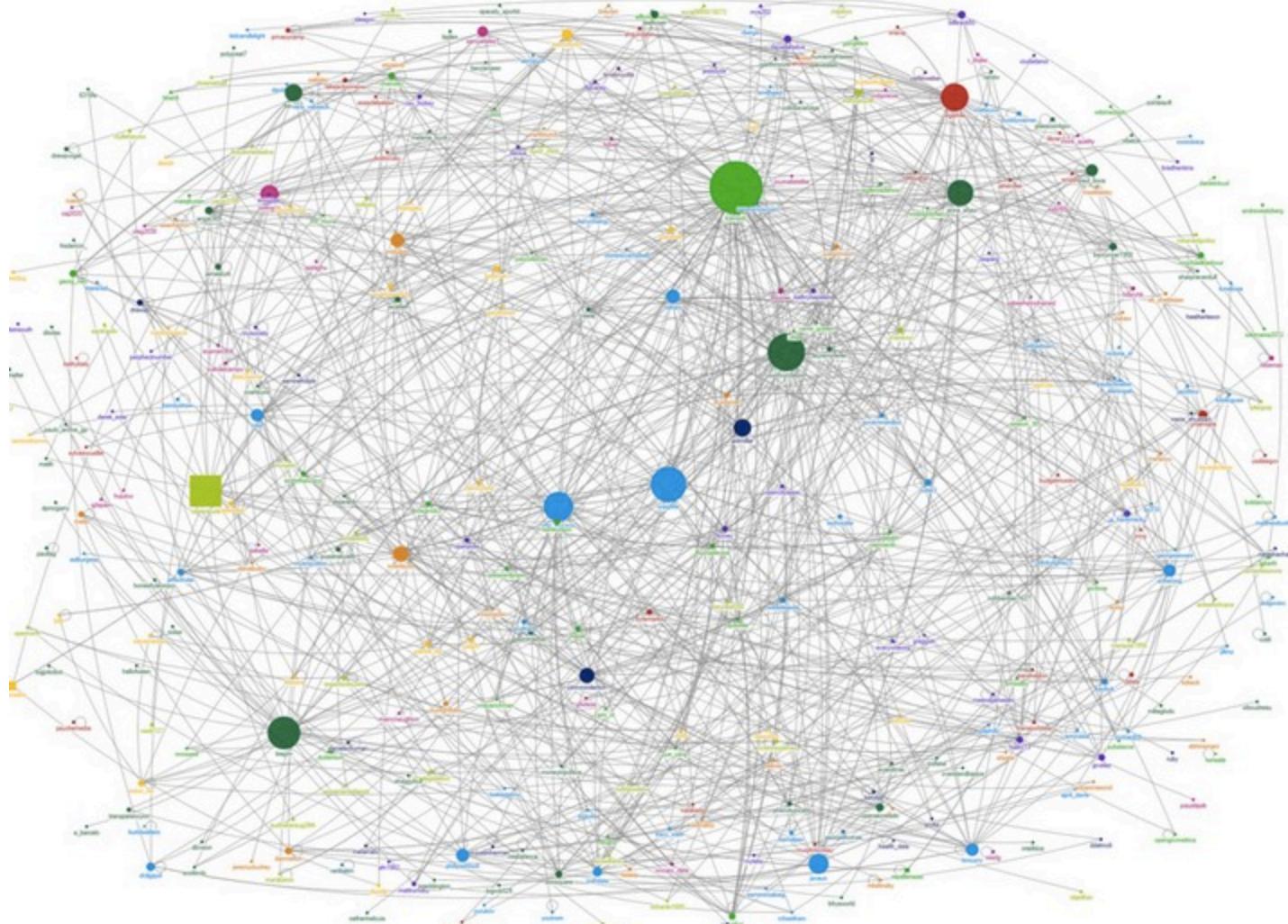


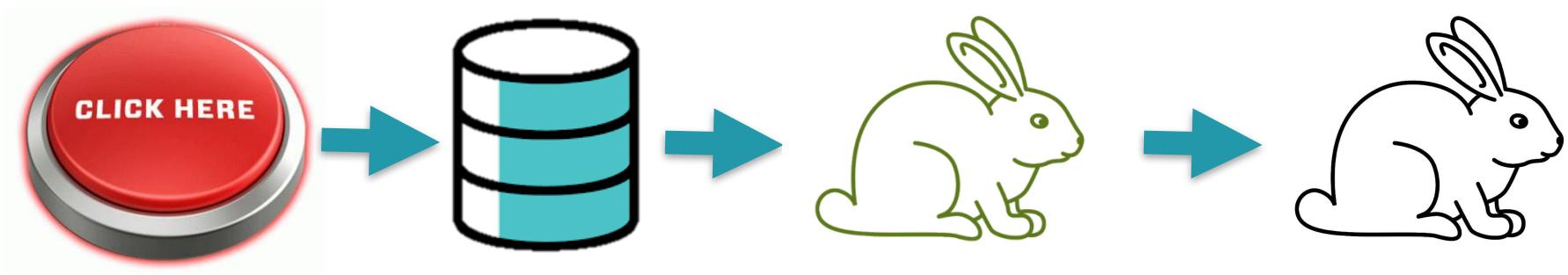


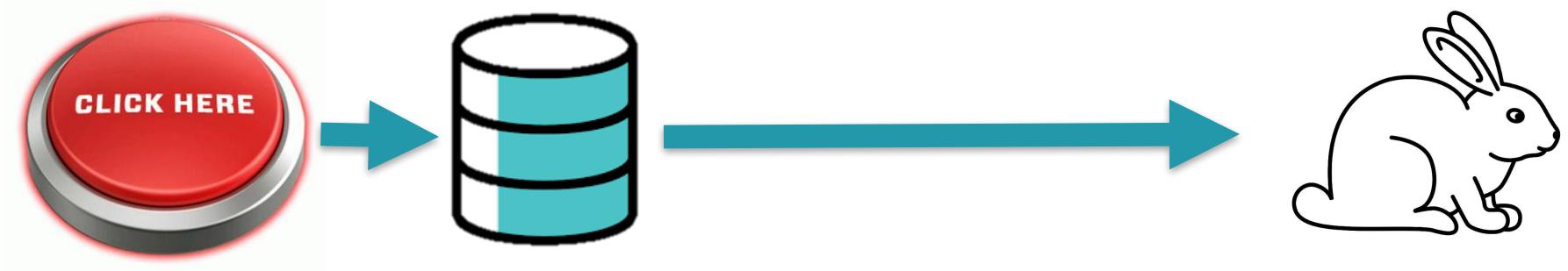




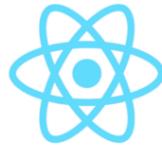
CLICK HERE







AoT compiler

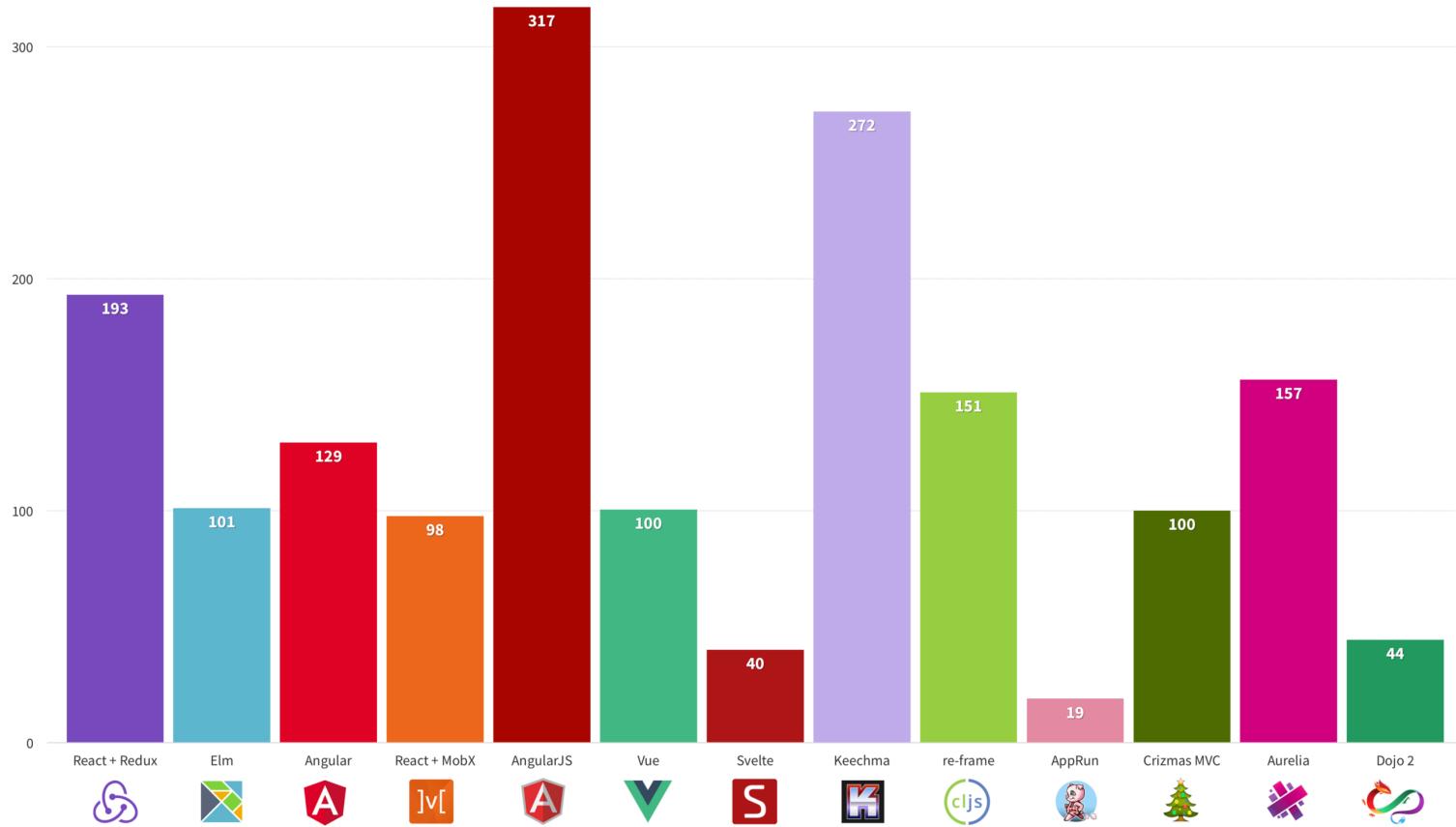


RealWorld Comparison



<https://medium.freecodecamp.org/a-real-world-comparison-of-front-end-frameworks-with-benchmarks-2018-update-e5760fb4a962>

Transfer size (KB)—lower is better



5000

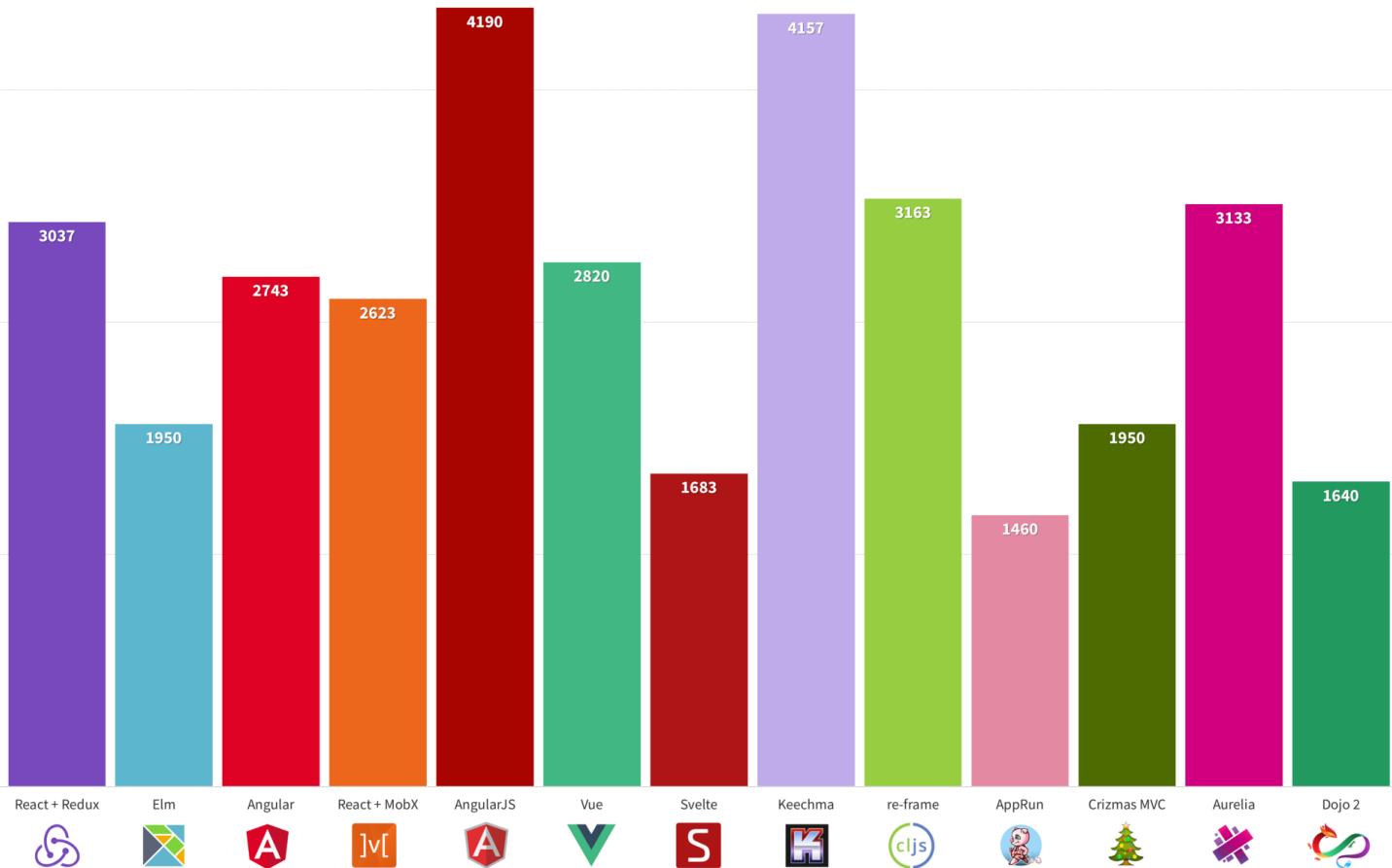
First meaningful paint (ms)—lower is better

3750

2500

1250

0



lines of code—fewer is better

2250

1500

750

0

React + Redux



Elm



Angular



React + MobX



AngularJS



Vue



Svelte



Keechma



re-frame



AppRun



Crizmas MVC



Aurelia



Dojo 2



2865

2048

2056

1937

1532

2030

1013

1270

978

1017

1819

1111

2174

6

todos

RESET

STEP

RUN BENCHMARK

svelte@2.15.3 x 229,545 ops/sec ±4.08% (44 runs)

What to do? 1025030

✓ Hold step button

✓ Big Rewrite

✓ Argue about indentation

✓ Listen to Heavyweight

✓ git reset head --hard

✓ Convert to tabs

4 items left

Clear completed

 All Active Completed

229545 ops/sec

baseline

library 0kb

imba@1.3.3 x 157,542 ops/sec ±2.34% (51 runs)

What to do? 716108

✓ Handle exceptions

✓ Disbelieve benchmark

✓ Buy Rubberduck

✓ Rebase with master

✓ Forget tests

✓ Write tests

1 item left

Clear completed

 All Active Completed

157542 ops/sec

1.46x slower

library 57kb

react@16.prod x 6,446 ops/sec ±8.36% (40 runs)

What to do? 28291

✓ Buy milk

✓ Rebase with master

✓ Go back to Sublime

✓ Debug errors

✓ Publish to NPM

3 items left

Clear completed

 All Active Completed

6446 ops/sec

35.61x slower

library 101kb

vue@2.5.13 x 4,373 ops/sec ±3.79% (42 runs sampled)

What to do? 18567

✓ Debug errors

✓ Debug errors

✓ Write tests

✓ Listen to Heavyweight

✓ Big Rewrite

✓ Mutate state

1 item left

Clear completed

 All Active Completed

4373 ops/sec

52.49x slower

library 87kb

https://twitter.com/Rich_Harris/status/1065992585095929857/photo/1

Погнали!

S Svelte REPL

← → C 🔒 svelte.technology/repl?version=2.16.1&demo=hello-world

🔍 ⭐ 📁 🌐 🎨 🎨 🎨 🎨 🎨 🔍 | Приостановлена ⚙️ ↻

svelte

Guide / REPL / Blog / Sapper / Chat / GitHub

☰ Hello World!

   Login to save

App.html

```
1 <h1>Hello {name}!</h1>
2
3 <!--
4 This is a Svelte component. Click the toggle
5 below right to see the generated code.
6
7 You can interact with this component via your
8 browser's console - try running the following:
9
10    app.set({ name: 'everybody' });
11
12 You can also update the data via the JSON
13 editor on this page.
14 -->
```

+

Hello world!

```
1 {
2   "name": "world"
3 }
```

input ↲

```
<div class="result">  
    Итого: 10  
</div>
```

```
<style>  
    .result {  
        font-size: 10rem;  
        height: 100%;  
    }  
</style>
```

```
<div class="result">  
    Итого: {score}  
</div>
```

```
<div class="result" onclick="fire('close')">  
    Итого: {score}  
</div>
```

```
<div class="result" onclick="fire('close')">
{#if score > 0}
    Итого: {score}
{/if}
</div>
```

```
<div class="result" onclick="fire('close')">
  {#each scores as score}
    Итого: {score}
  {/each}
</div>
```

```
<div class="result" onclick="fire('close')">
  {#await scorePromise}
    Ждемс
  {:then score}
    Итого: {score}
  {:then error}
    Упс
 {/await}
</div>
```

```
import Result from "./Result.html";  
  
var app = new Result({  
  target: document.body,  
  data: {score: 42}  
});
```

```
<div class="result" onclick="fire('close')>  
...  
</div>
```

```
<script>  
export default {  
    // Здесь писать логику  
}  
</script>
```

```
<div class="result" on:click="fire('close')">
  <Other prop={...}>
</div>
```

```
<script>
  export default {
    components: {
      Other: "./Other.html"
    },
  }
</script>
```

```
<script>
  export default {
    components: {...},
    data() {...},
    computed: {...},
    helpers: {...},
    methods: {...},
    events: {...},
  }
</script>
```

```
<script>
  export default {
    data() {
      selectedId: 0
    },
  }
</script>
```

```
<script>
  export default {
    computed: {
      canSelect: ({alreadyAnswered}) =>
        !alreadyAnswered,
    },
  }
</script>
```

```
<script>
  export default {
    computed: {
      isSelected: ({selectedId}) =>
        id => id === selectedId,
    },
  }
</script>
```

```
<script>
  import leftPad from "left-pad";
  export default {
    helpers: {
      leftPad
    },
  }
</script>
```

```
<script>
  export default {
    methods: {
      handleSelect(id) {
        const {alreadyAnswered} =
          this.get();
        if (!alreadyAnswered) {
          this.set({selectedId: id});
        }
      },
    }
  }
</script>
```

```
<script>
  export default {
    events: {
      // Свои события,
      // Но я не делал
    },
  }
</script>
```

```
<script>
  export default {
    onstate() {...},
    oncreate() {...},
    onupdate() {...},
    ondestroy() {...}
  }
</script>
```



sveltejs / svelte

Watch ▾ 245 ★ Star 9,161 Fork 322

Code

Issues 253

Pull requests 20

Projects 3

Wiki

Insights

The magical disappearing UI framework <https://svelte.technology>

template ui compiler

3,508 commits

32 branches

242 releases

78 contributors

MIT

Branch: master ▾

New pull request

Create new file

Upload files

Find file

Clone or download ▾

 Rich-Harris bump beta version

Latest commit c494c05 21 hours ago

.github

Update ISSUE_TEMPLATE.md

2 years ago

```
5 <div class="question">
6   {#if isLoading}
7     <Loading />
8   {:elseif isChecking}
9     <Checking />
10   {:elseif isError}
11     <Error />
12   {:elseif state.finished}
13     <Result score={state.score} />
14   {:else}
15     <Question {...state.question} on:answer="check(event)">
16   {/if}
17 </div>
18 </div>
19
20
21 <script>
22   import { game } from "./game";
23   import Loading from "./Loading.html";
24   import Checking from "./Checking.html";
25   import Error from "./Error.html";
26   import Question from "./Question";
27   import Score from "./Score.html";
28   import Result from "./Result.html";
29
30   export default {
```

```
1 <div class={className} on:click="fire('select')">
2   {text}
3 </div>
4
5 <script>
6   import { calcClassNames } from "../../utils/calcClassNames"
7   export default {
8     computed: {
9       className: ({ selected, right }) =>
10      calcClassNames("option")({ selected, right })
11    }
12  };
13 </script>
```

```
1 <div class={className} on:click="fire('select')">  
2   {text}  
3 </div>  
4  
5 <script>  
6   import { calcClassNames } from "../../utils/calcClassNames"  
7   export default {  
8     computed: {  
9       className: ({ selected, right }) =>  
10         calcClassNames("option")({ selected, right })  
11     }  
12   };  
13 </script>
```





~~HOC~~

```
<div class="main">
  <svelte:component this={Main} />
</div>
...
computed: {
  Main: ({ $isError, $isLoading, $isChecking }) {
    if ($isError) return Error;
    if ($isLoading) return Loading;
    if ($isChecking) return Checking;
  }
}
```



- svelte.technology/
- t.me/sveltejs
- habr.com/ru/users/PaulMaly/

- v3
- SSR
- ES6+
- Less, Sass, Pug и т.д.
- Удаляет неиспользуемые стили
- Web Components
- Встраивается во все
- И много чего еще

“Угадай кто”



[github.com/AlexanderShushunov/
guess_who](https://github.com/AlexanderShushunov/guess_who)



@ashushunov