CHOO

🚂🚃🚃🚃 – The little Framework that can.

netlight

HENDRIK

JavaScript enthusiast

Developer for fun 🎉

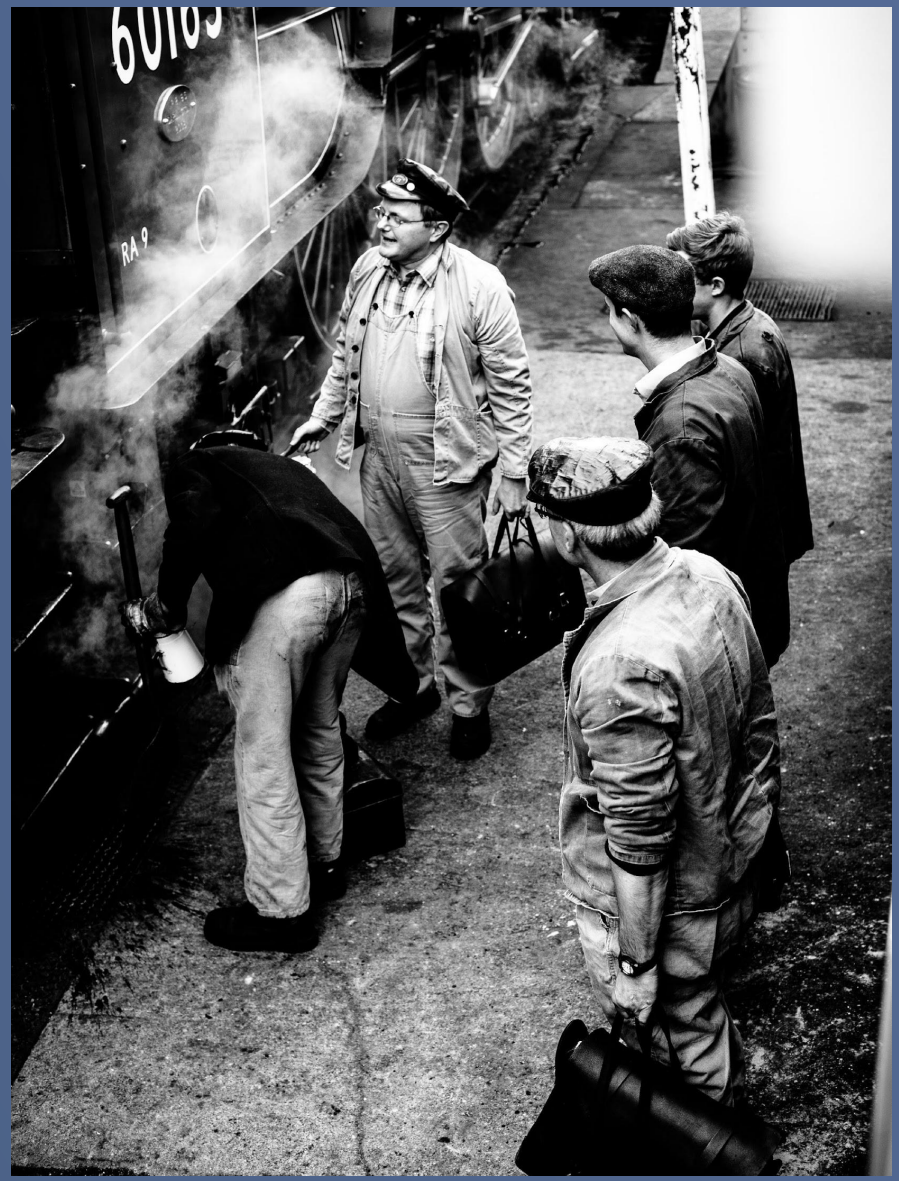
netlight

Agenda

- Conceptual introduction
- Practical example
- In the wield

Under the hood of today

- React
  - JSX
- Redux
- Router
- Webpack



Software performance is loosing weight not building muscles.

- @dominictarr

Choos foundations

- **Fun**

  Programming should be fun and light not stern and stressful.

- **Replaceable**

  Don’t wall users into our little garden of believes.

- **Understandable**

  Everyone on a team should get the code and layout.

Choo

- Opinionated best practices
- Works out of the box
- Composed from micro-components
- Event driven
- CommonJS runtime
- ✨4kb ✨

•Basic Choo app

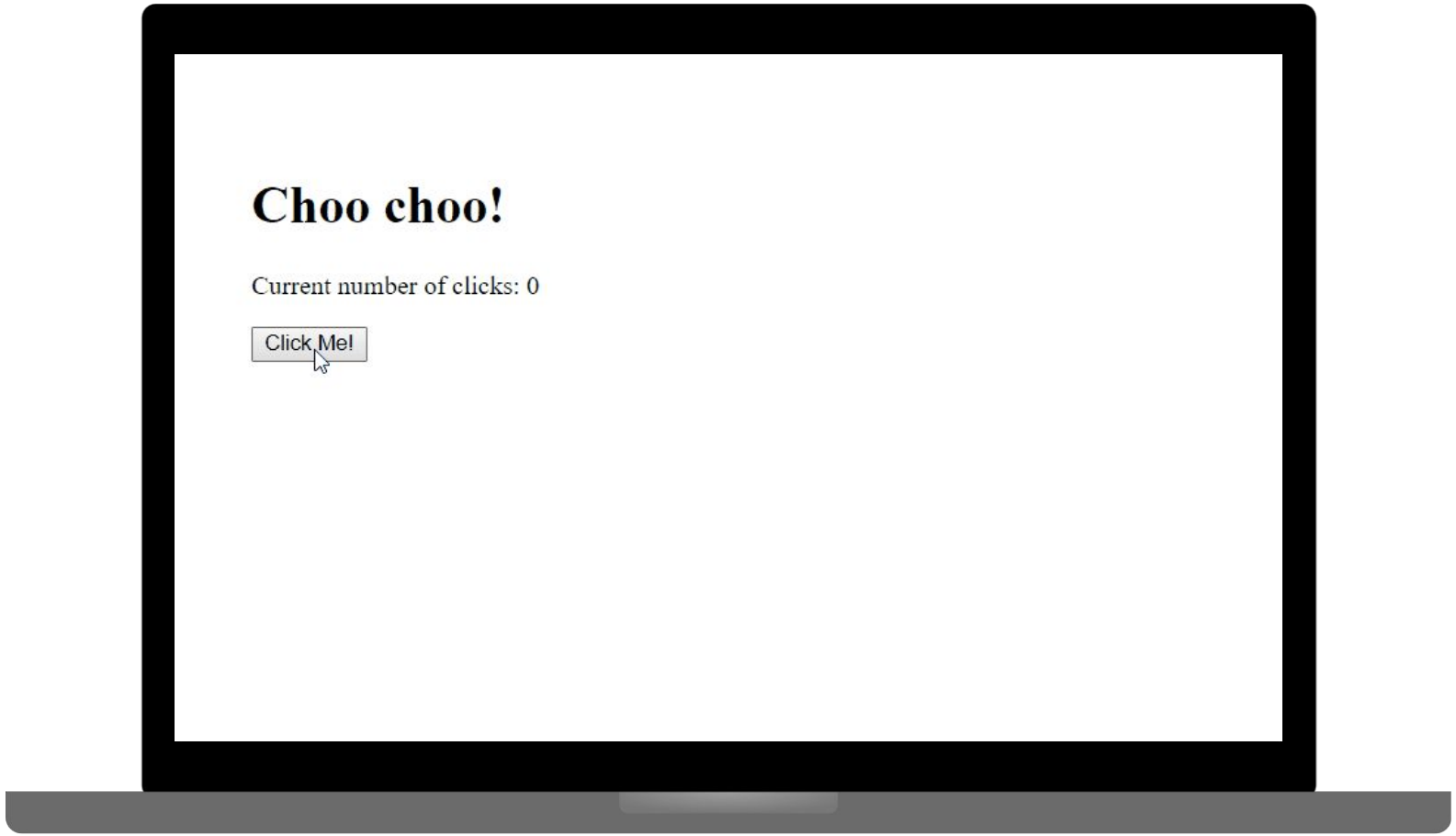
```
var choo = require('choo')
var store = require('./store')

var app = choo()
app.use(require('choo-devtools')())

app.use(store)

app.route('/', require('./views/main'))

if (!module.parent) app.mount('body')
else module.exports = app
```

- A store

```
module.exports = store

function store (state, emitter) {
  state.totalClicks = 0

  emitter.on('clicks:add', function (count) {
    state.totalClicks += count
    emitter.emit(state.events.RENDER)
  })
}
```

•Main View

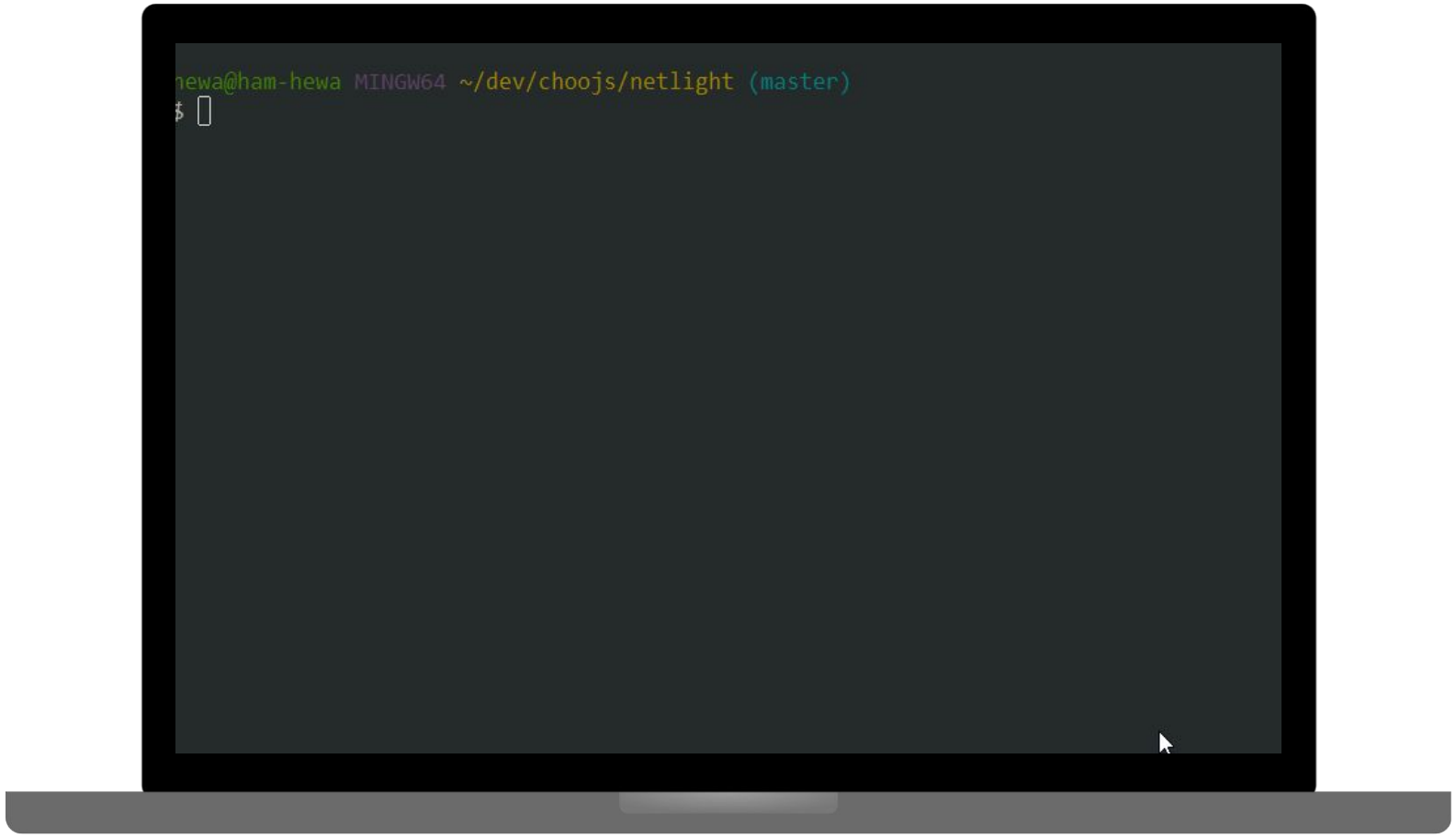
```
var html = require('choo/html')
module.exports = view

function view (state, emit) {
  return html`
    <body>
      <h1> Choo choo! </h1>

      <p>
        Current number of clicks: ${state.totalClicks}
      </p>

      <button onclick=${handleClick}>Click Me!</button>
    </body>
  `

  function handleClick () {
    emit('clicks:add', 1)
  }
}
```



•Result

Our small choo powered counter app in action.

Get it using:
npx create-choo-app <directory>



- **Bankai**

🔋 are included

Let Bankai worry for you, focus on fun.

Choo + Electron = 💞

- CommonJS environment
- No transpiling needed
- Event based

HANDS ON
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Current state

- Production ready
- Development tools are catching up
- Bankai / create-choo-app
- Fulltime development

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