Stimulus Reflex and Cable Ready

What are they?
How do I use them?

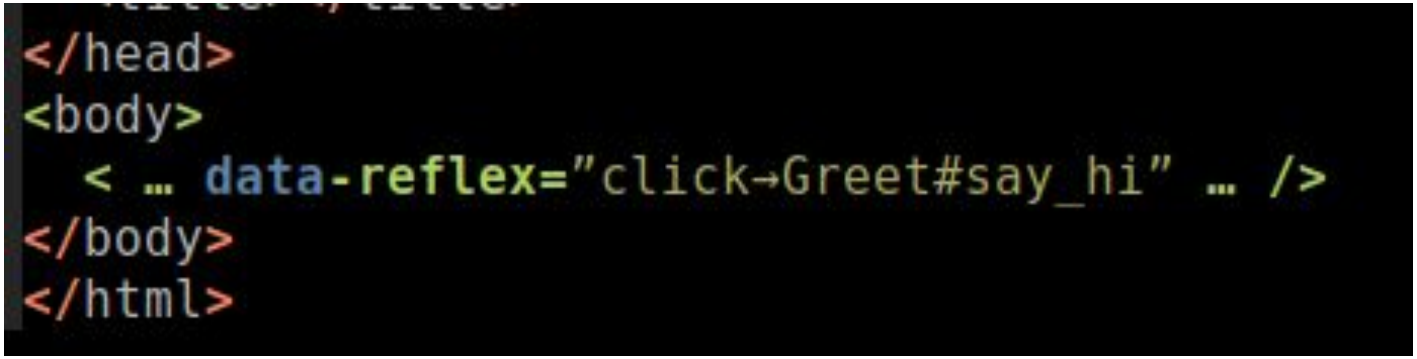
Can they help me create a better Reactive app
Than React!?

Beginning and Goals

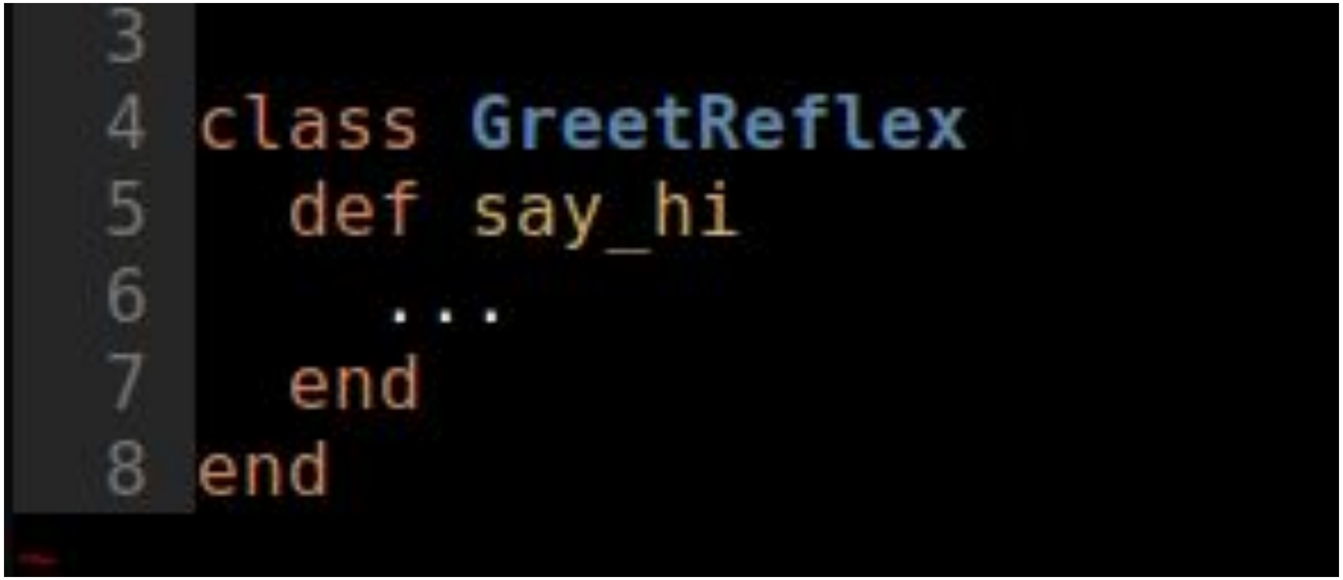
- StimulusReflex was originally inspired by LiveView, but we are charting our own course.

  Our goal has always been to make building modern apps with Rails the most productive and enjoyable option available.

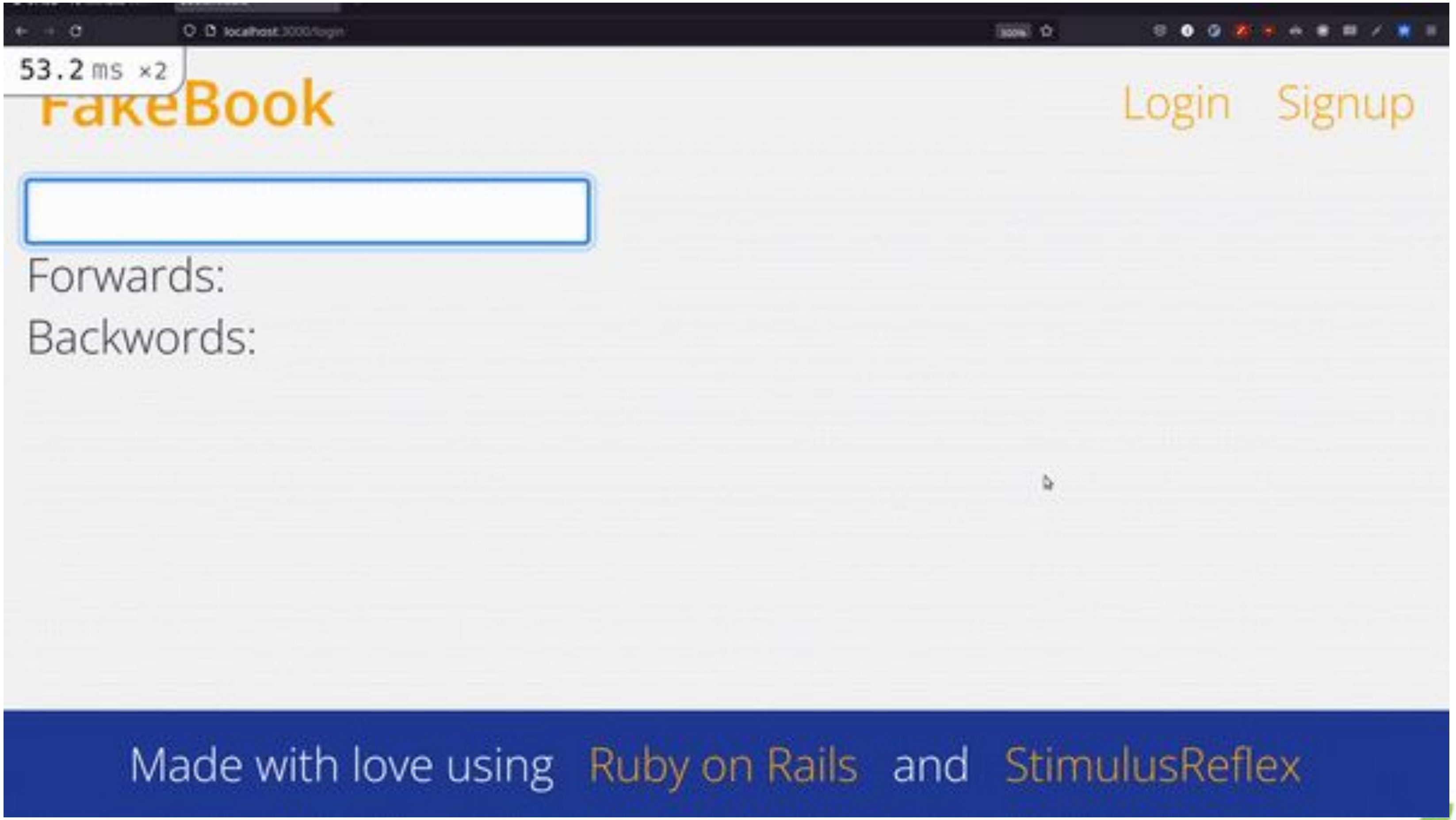
The magic sauce



```
</head>
<body>
  < … data-reflex=”click→Greet#say_hi” … />
</body>
</html>
```



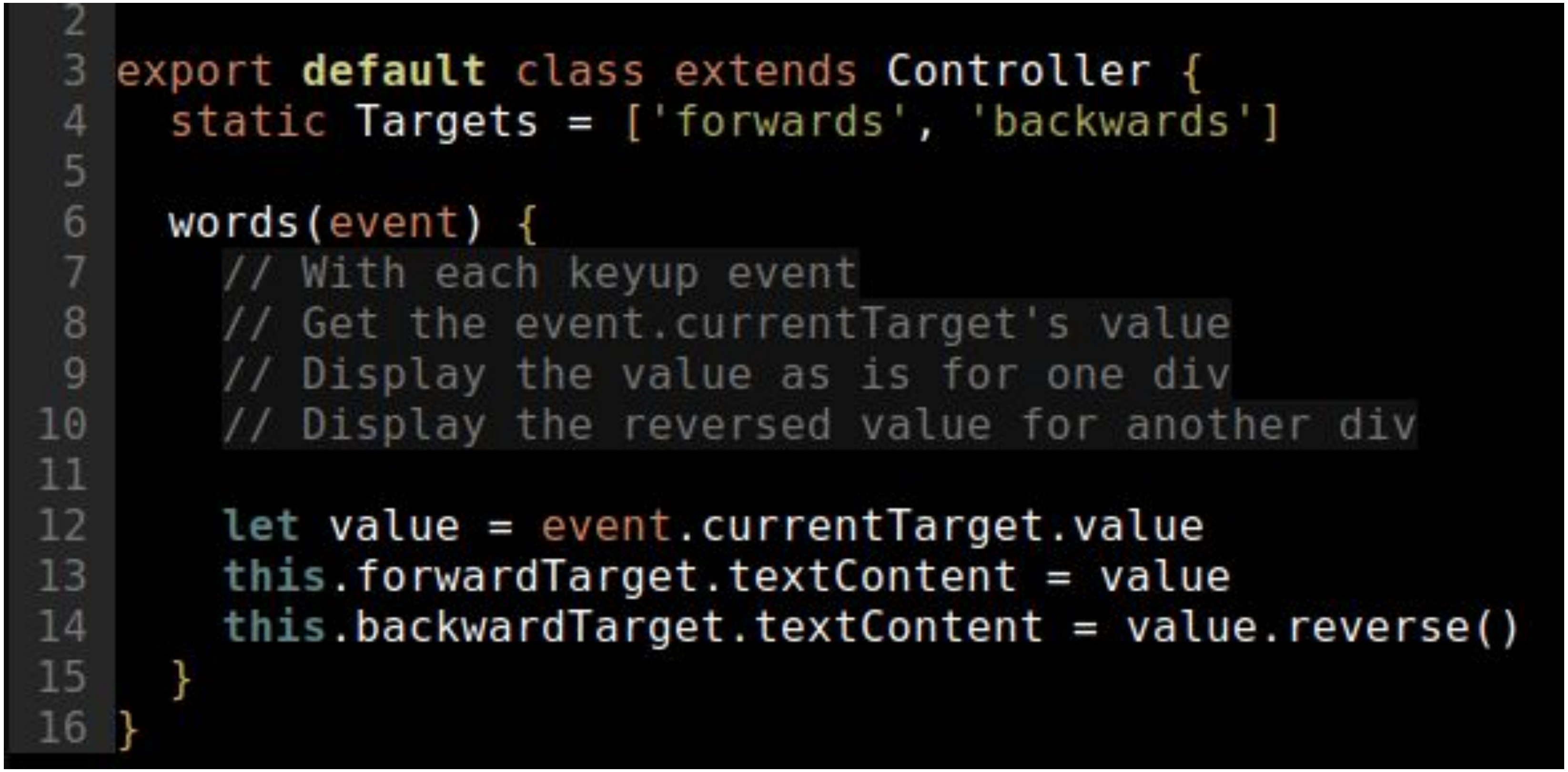
```

class GreetReflex
  def say_hi
    ...
  end
end
```



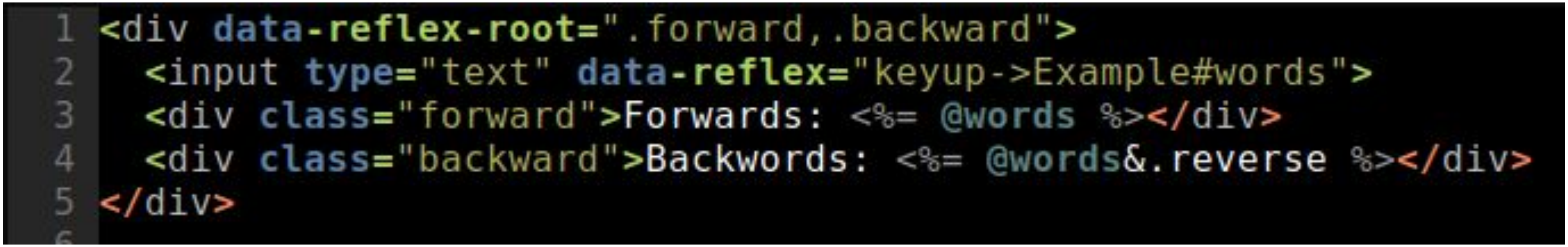
Forwards:

Backwords:

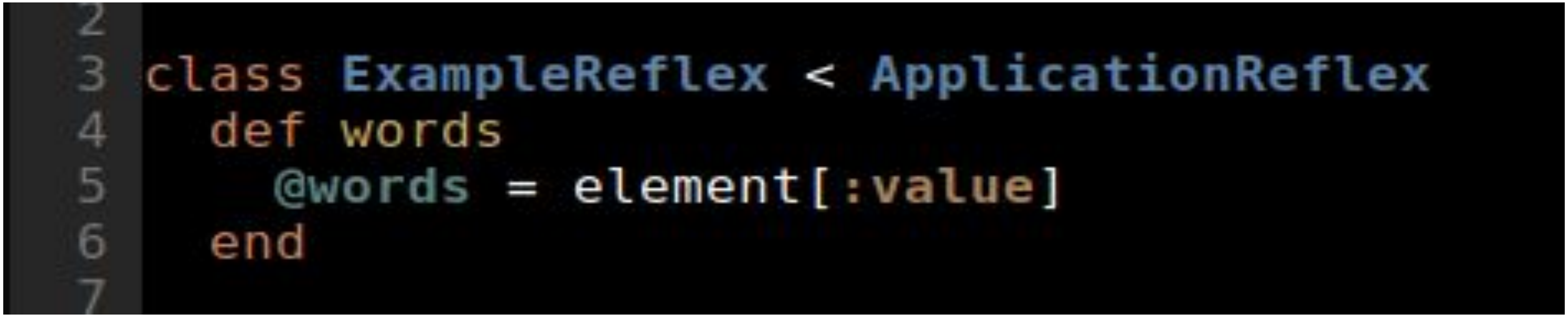
Made with love using Ruby on Rails and StimulusReflex



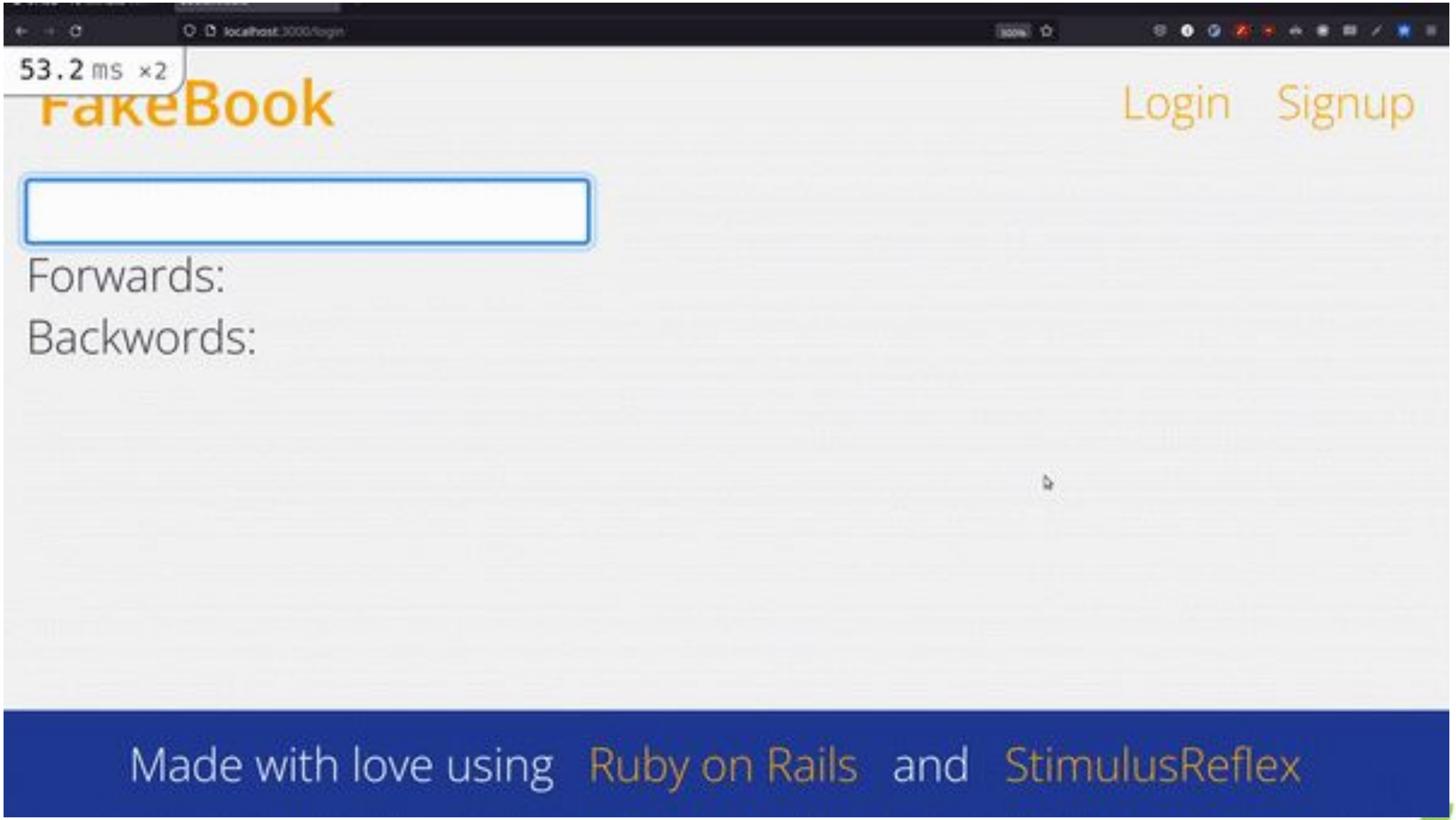
```
export default class extends Controller {
  static Targets = ['forwards', 'backwards']

  words(event) {
    // With each keyup event
    // Get the event.currentTarget's value
    // Display the value as is for one div
    // Display the reversed value for another div

    let value = event.currentTarget.value
    this.forwardTarget.textContent = value
    this.backwardTarget.textContent = value.reverse()
  }
}
```



```erb
<div data-reflex-root=".forward,.backward">
  <input type="text" data-reflex="keyup->Example#words">
  <div class="forward">Forwards: <%= @words %></div>
  <div class="backward">Backwords: <%= @words&.reverse %></div>
</div>
```



```ruby
class ExampleReflex < ApplicationReflex
  def words
    @words = element[:value]
  end
```



FakeBook

Login Signup

Forwards:

Backwords:

Made with love using Ruby on Rails and StimulusReflex

Say hello to Morph

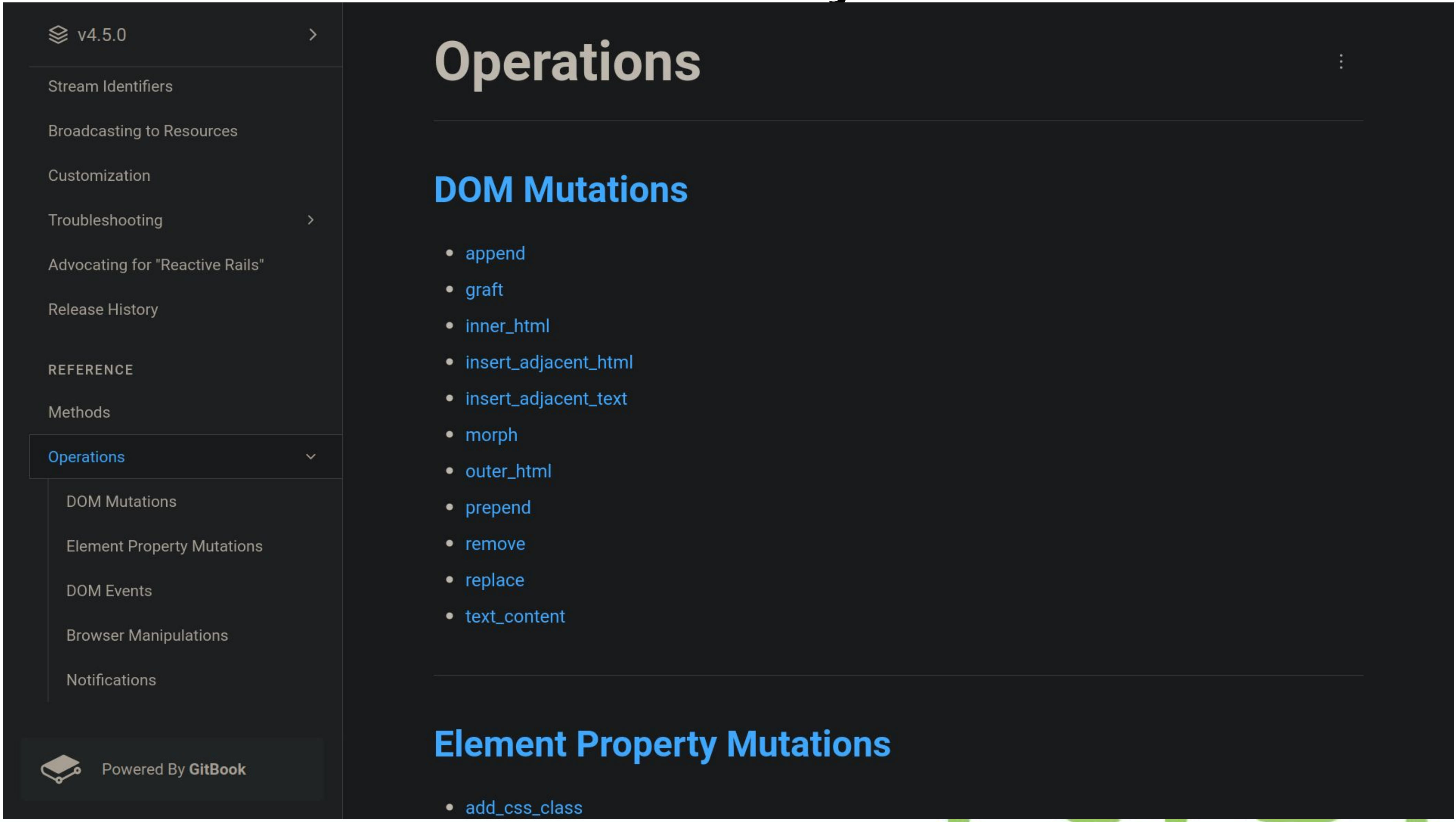
- Morph is short for morphdom
- A Javascript library that makes changes to the existing DOM in a very efficient manner

What is Cable Ready?

- CableReady is a Ruby gem that was first released in May 2017.

  It lets you create great real-time user experiences by triggering client-side DOM changes, events and notifications over ActionCable web sockets.

Cavalry



Operations

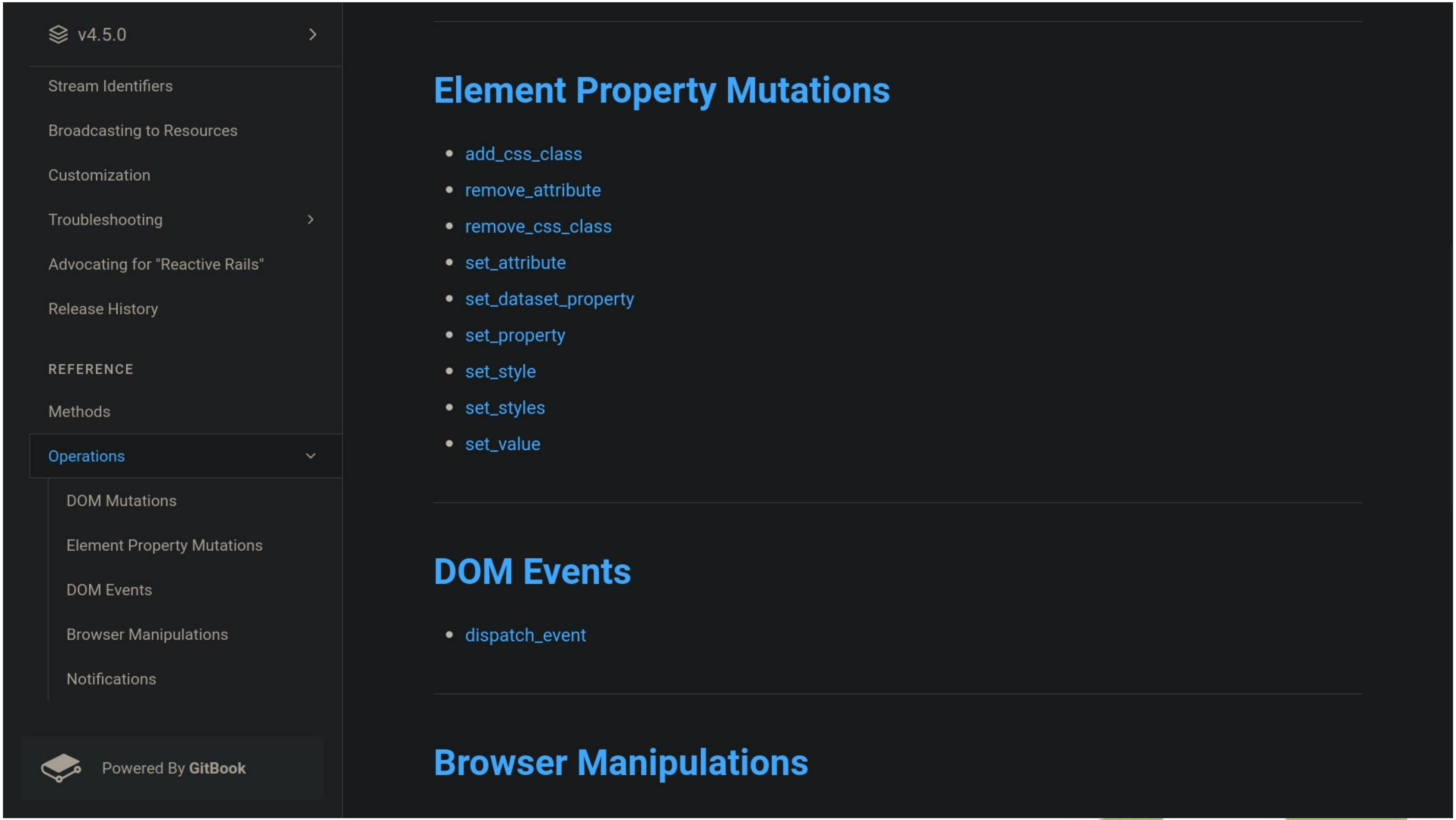
DOM Mutations

- append
- graft
- inner_html
- insert_adjacent_html
- insert_adjacent_text
- morph
- outer_html
- prepend
- remove
- replace
- text_content

Element Property Mutations

- add_css_class

Infantry



Element Property Mutations

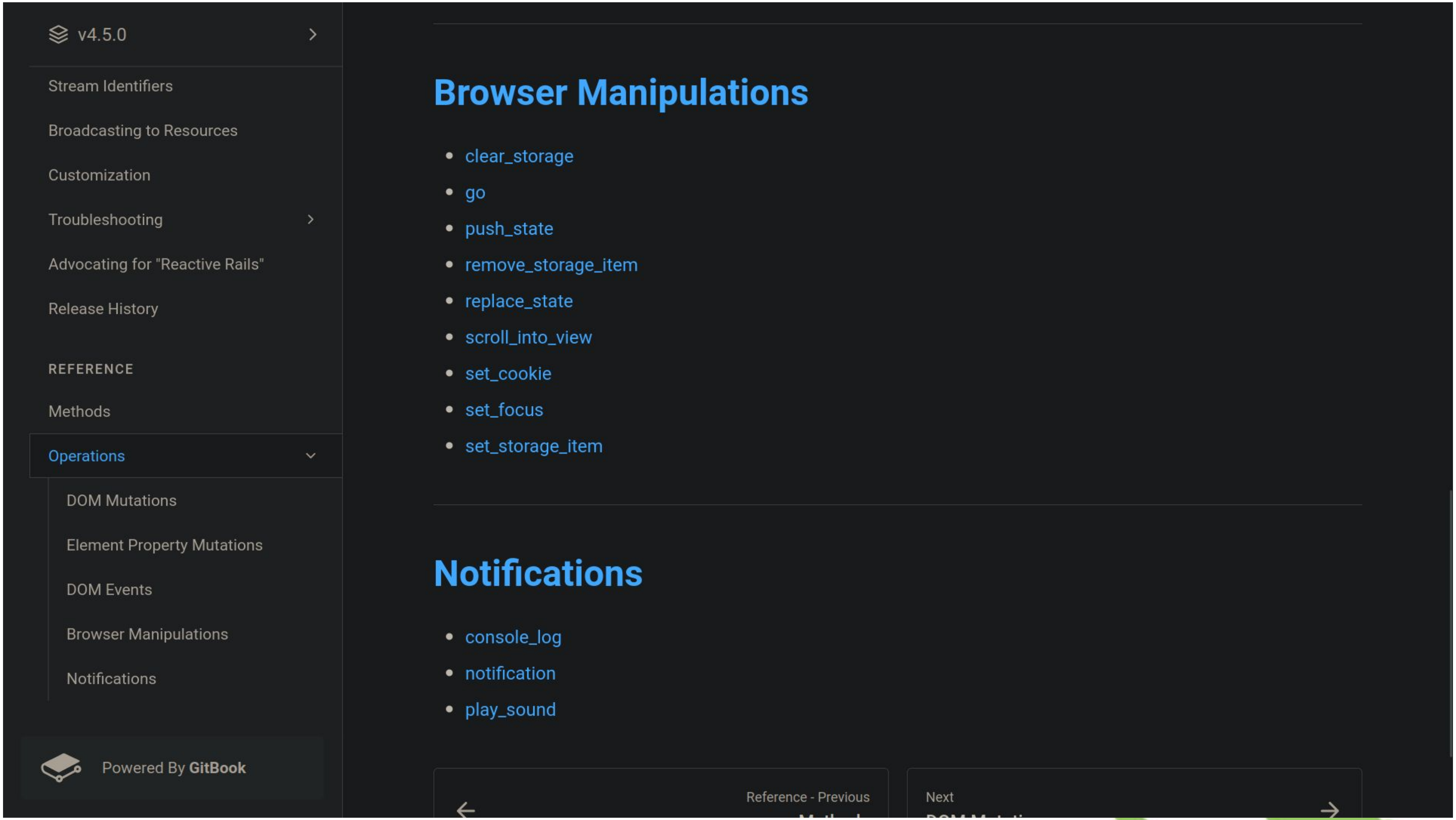
- add_css_class
- remove_attribute
- remove_css_class
- set_attribute
- set_dataset_property
- set_property
- set_style
- set_styles
- set_value

DOM Events

- dispatch_event

Browser Manipulations

Administration

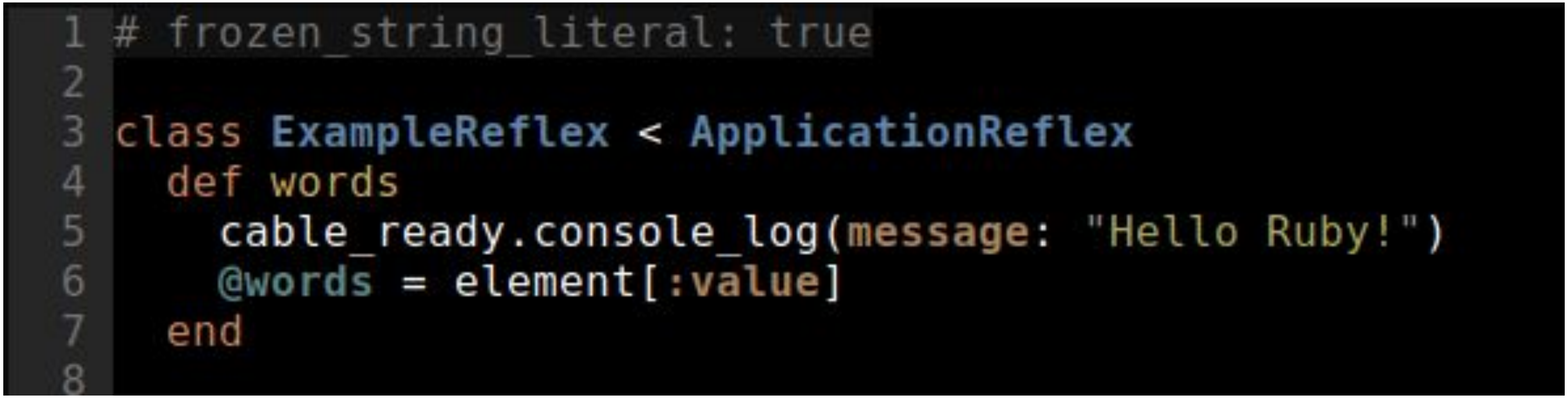


Browser Manipulations

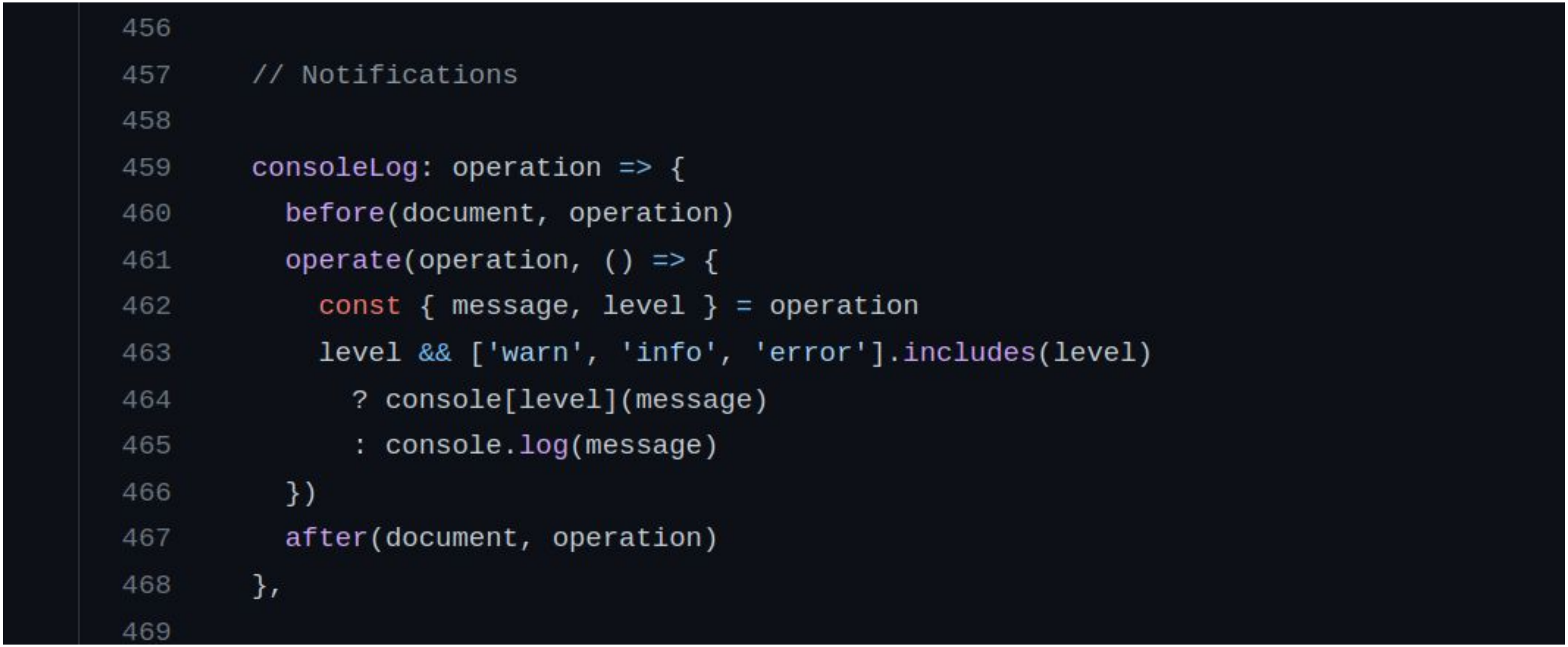
- clear_storage
- go
- push_state
- remove_storage_item
- replace_state
- scroll_into_view
- set_cookie
- set_focus
- set_storage_item

Notifications

- console_log
- notification
- play_sound

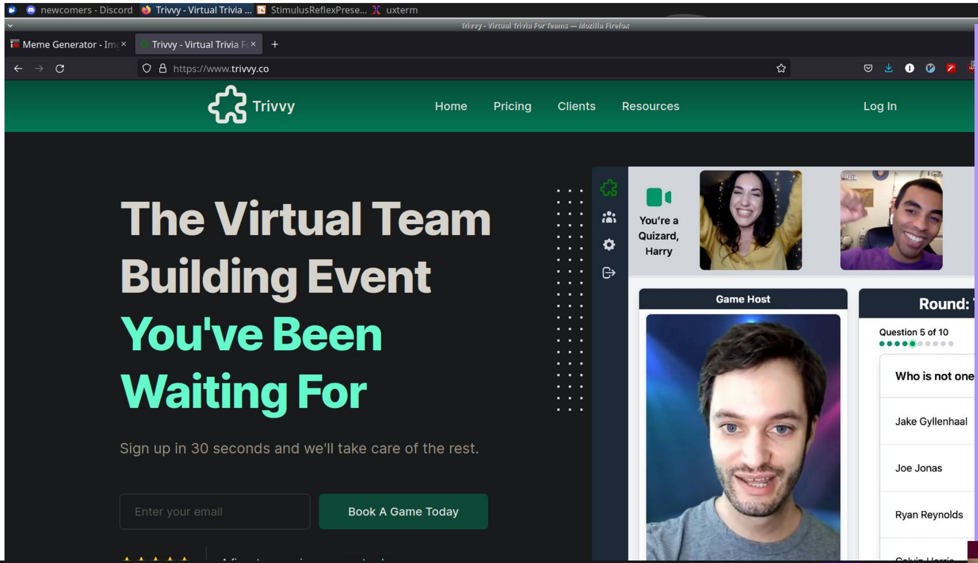


```ruby
# frozen_string_literal: true

class ExampleReflex < ApplicationReflex
  def words
    cable_ready.console_log(message: "Hello Ruby!")
    @words = element[:value]
  end

```



```

// Notifications

consoleLog: operation => {
  before(document, operation)
  operate(operation, () => {
    const { message, level } = operation
    level && ['warn', 'info', 'error'].includes(level)
      ? console[level](message)
      : console.log(message)
  })
  after(document, operation)
},

```

Production Reflexes



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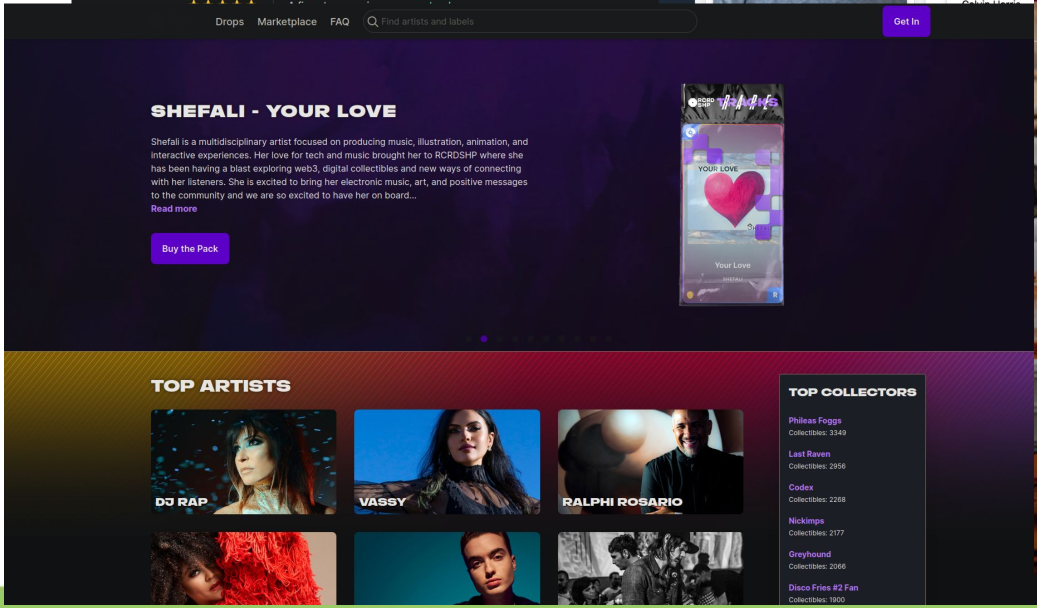
Who is not one

Jake Gyllenhaal

Joe Jonas

Ryan Reynolds



SHEFALI - YOUR LOVE

Shefali is a multidisciplinary artist focused on producing music, illustration, animation, and interactive experiences. Her love for tech and music brought her to RCRDSHP where she has been having a blast exploring web3, digital collectibles and new ways of connecting with her listeners. She is excited to bring her electronic music, art, and positive messages to the community and we are so excited to have her on board...

Read more

Buy the Pack

TOP ARTISTS

DJ RAP

VASSY

RALPHI ROSARIO

TOP COLLECTORS

Phileas Foggs
Collectibles: 3349

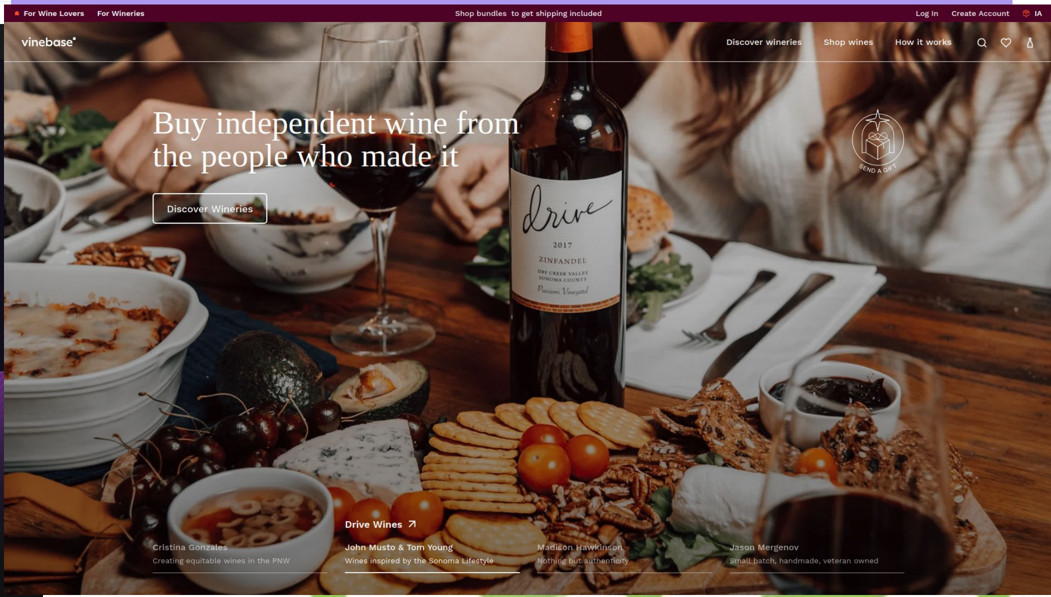
Last Raven
Collectibles: 2956

Codex
Collectibles: 2268

Nickimps
Collectibles: 2177

Greyhound
Collectibles: 2066

Disco Fries #2 Fan
Collectibles: 1900



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Cristina Gonzales
Creating equitable wines in the PNW

John Musto & Tom Young
Wines inspired by the Sonoma Lifestyle

Madison Hawkinson
Nothing but authenticity

Jason Mergenov
Small batch, handmade, veteran owned

- Email: inscription4@outlook.com
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