

John Beatty

Stimulus Pearls

A Collection Of Stimulus.js Tutorials

Updated for Turbo, Stimulus 3, and Rails 7

A Collection Of Stimulus.js Tutorials	I
Updated for Turbo, Stimulus 3, and Rails 7	I
Introduction	6
Setup	7
Moving on from Webpack?	7
If you like Bundler, you'll like Yarn's integration into Rails	8
A Slow Slog to Setup	8
Where do I store my state in Stimulus.js?	9
<head> State	9
<body> State	10
Controller State	11
Convert your jQuery snippet to a Stimulus controller	13
'turbo:load' to connect()	13
IDs to Targets	14
jQuery Events to Controller Actions	15
Leveling up	15
The Possibilities are endless	15
How Do I Update My Model From A Checkbox?	17
How Do I Drag and Drop Items in a List?	20
How do I filter data in a list or table?	27
Let's Make an In-place Editable Todo Entry	29
Interactive Deletes with Turbo	32
The HTML	32
The Stimulus Controller	33
Ruby Controller	35
Practice?	36
Interactivity	36
Implementing Radio Selection in a Form	37
Stimulus Controller	38

Radio Selection Unselect	39
The HTML	39
The Controller	40
Don't Lose Unsaved Form Fields	42
How?	42
HTML	42
Stimulus Controller	43
Don't accidentally walk away from your Active Storage	45
How?	45
HTML	46
Stimulus Controller	47
Let's create an ActionText Editor plugin using Stimulus.js	49
Let's Add an Emoji Converter to ActionText with Stimulus	53
Adding Stimulus	53
Modeling More Complex Datasets in Rails	55
Using multi select to pare down a large set of data	58
Refactor the Books index action	58
Add the new Books Filter Controller	60
Using Stimulus to Wrap It All Together	60
Multiple Selects that Filter Enterprise Data Models	62
Refactor, Refactor, Refactor	62
Refactoring Our Stimulus Controller	63
Build a Markdown Editor in Stimulus.js like in Vue.js	65
HTML - Vue.js	65
HTML - Stimulus.js	66
JavaScript - Vue.js	66
JavaScript - Stimulus.js	67
Conclusion	67
Handling and Templating JSON Responses	68

The HTML	68
The Controller	69
Templating with Stimulus	71
Stimulus loves JSON	71
Grabbing ActionCable	72
Where to begin?	72
Adding Stimulus	75
The HTML	76
The Controller	76
Asynchronous Interactivity	78
Stimulus + ActionCable + ActiveJob: Loading Asynchronous API Data	79
Background Service Jobs	79
ActionCable Channel	80
Stimulus - Commits Controller	81
The HTML and Controller	81
Some More Practice	83
I. Use a different API endpoint	83
II. Use a real life request identifier	83
Tables in ActionText	84
Visual Configuration	84
Trix Additions	84
The Table model	87
Table ActiveRecord	88
Table Controller	89
Table Views	90
End of First Pass	91
Table Editor Controller	91
Putting it together	95
Testing Tables in ActionText Using System Test	96

Writing the test

97

Peace of mind

98