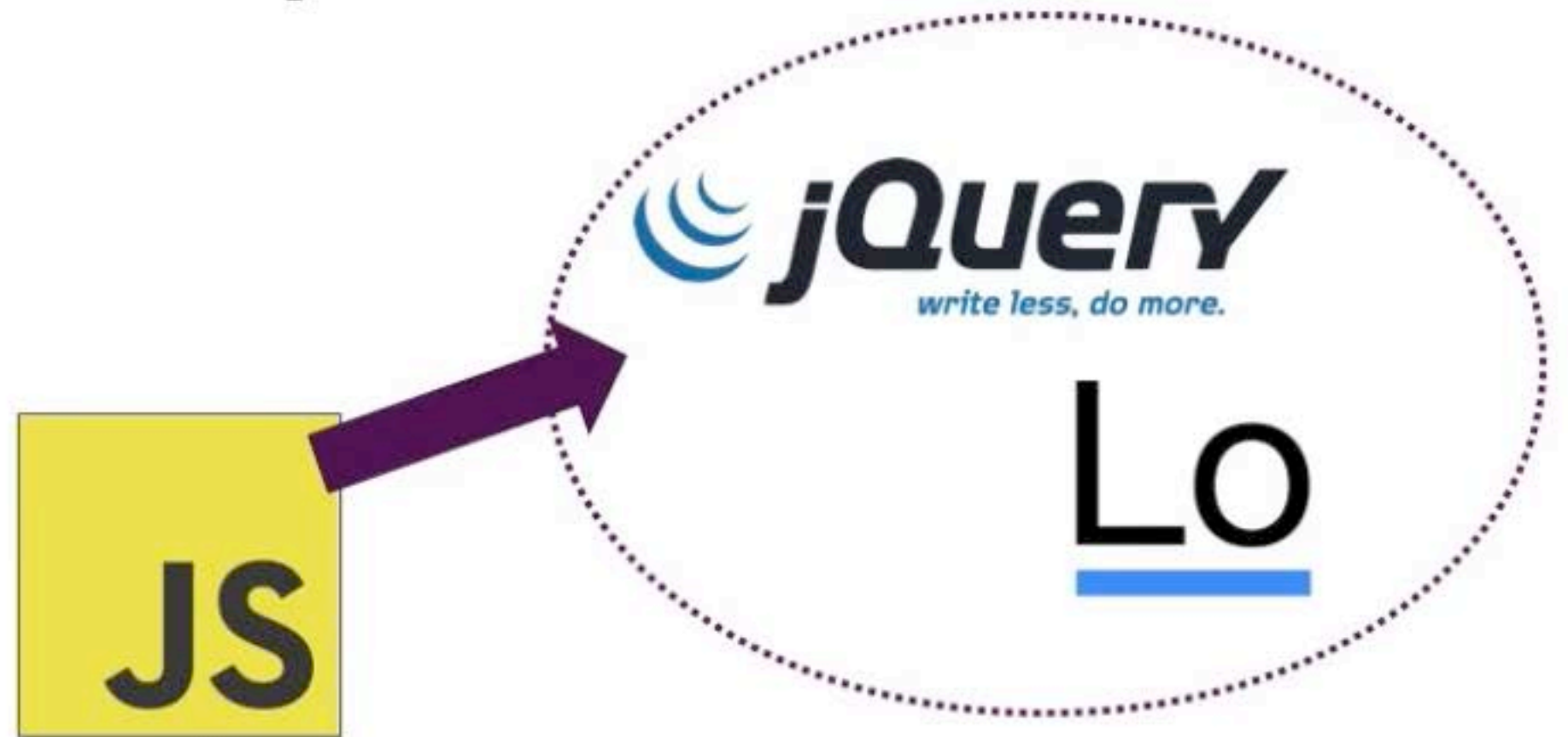
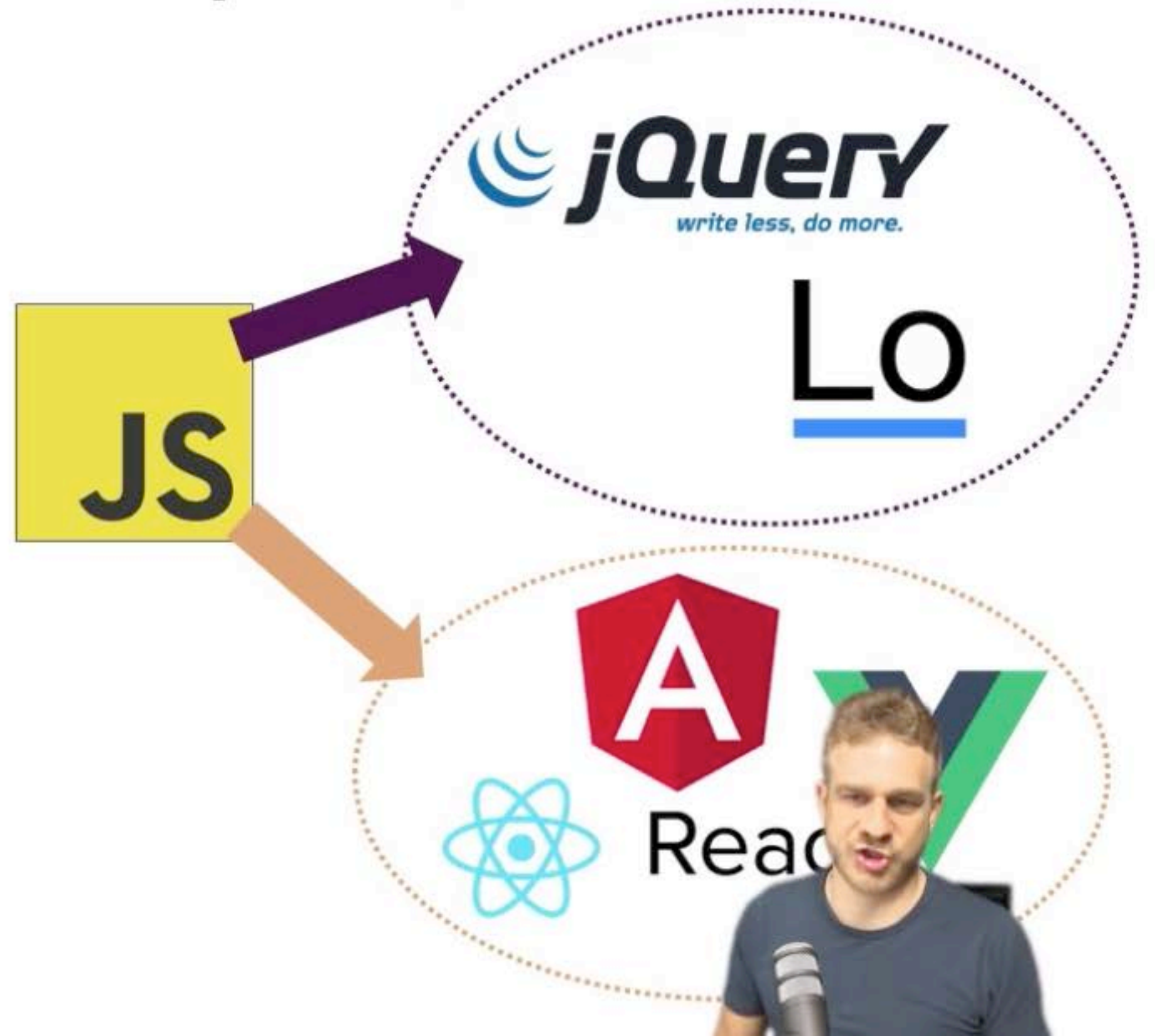


The JavaScript World



The JavaScript World



Create a new fiddle - JSFiddle x

Maximilian

JSFiddle, Ltd [GB]https://jsfiddle.net/smax/q5wLaodv/

SearchStarRefreshKeyboardJSBrowsersExtensions

4

RunUpdateForkSet as baseTidyCollaborateEmbed

Settings▼smax▼

Fiddle Meta

JS Frameworks

What and Why?

Add title to make the fiddle public.

External Resources

AJAX Requests

Legal, Credits and Links

JSFiddle Roadmap

suggest and vote for features

2<script

src="https://cdn.jsdelivr.net/lodash/4.17.4/lodash.co

re.min.js"></script>

3<input type="text">

4<button>Add Todo</button>

12var userInput = inputEl.val();

13if (userInput.trim() == '') {

14return;

15}

16var newTodo = { id: _.uniqueId(), value: userInput

};

17todos.push(newTodo);

18\$('' + userInput + '')

19.appendTo(ulEl)

20.attr('dataset-id', newTodo.id)

21.click(removeTodo);

22console.log(todos);

23}

24

25function removeTodo(event) {

26var clickedLi = \$(this);

27var itemId = clickedLi.attr('dataset-id');

28for (var i = 0; i < todos.length; i++) {

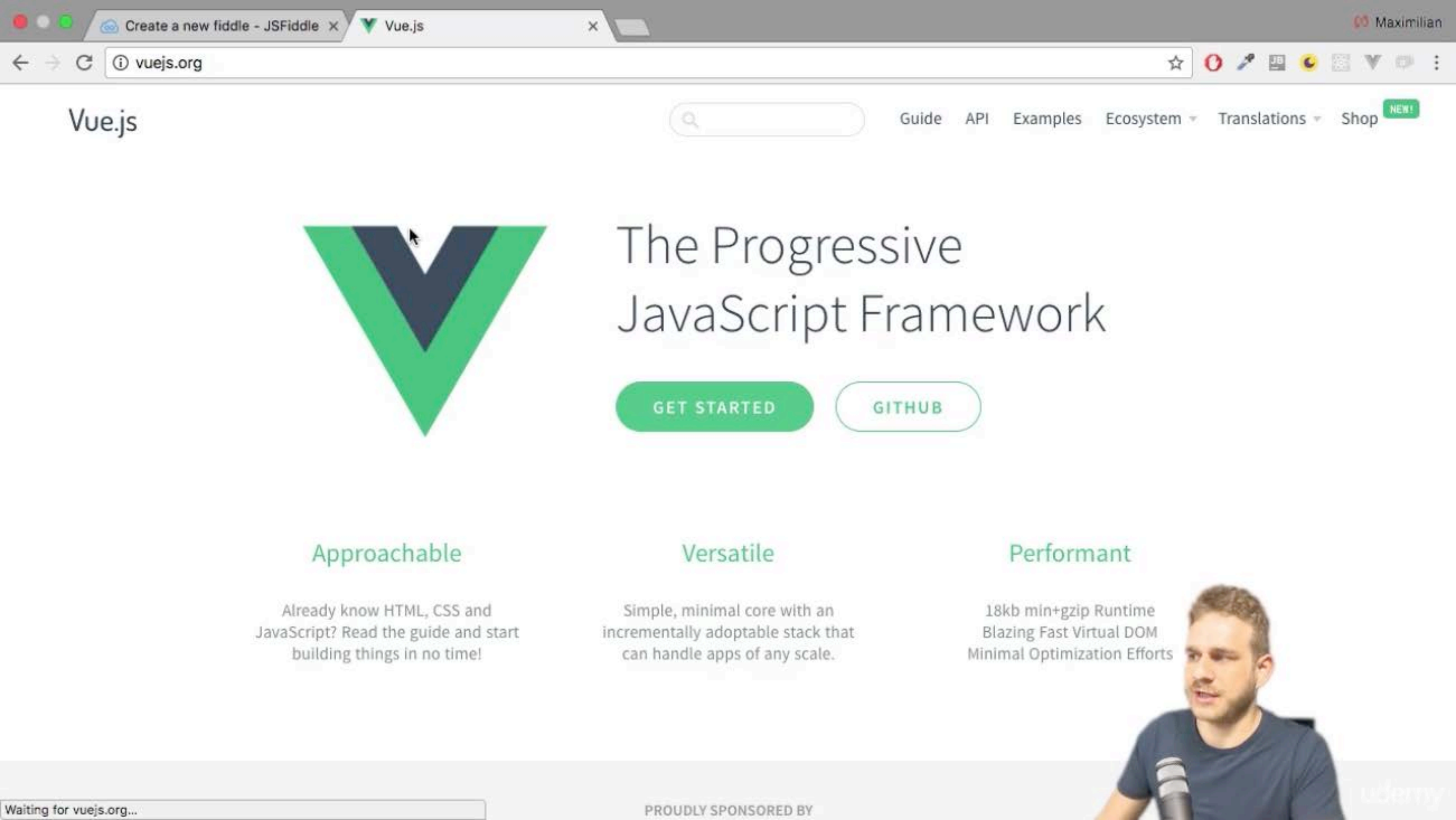
29if (todos[i].id == itemId) {

HTML

JAVASCRIPT

CSS

Answer QuestionsAdd Todo



Vue.js

The Progressive JavaScript Framework

GET STARTED

GITHUB

Approachable

Already know HTML, CSS and JavaScript? Read the guide and start building things in no time!

Versatile

Simple, minimal core with an incrementally adoptable stack that can handle apps of any scale.

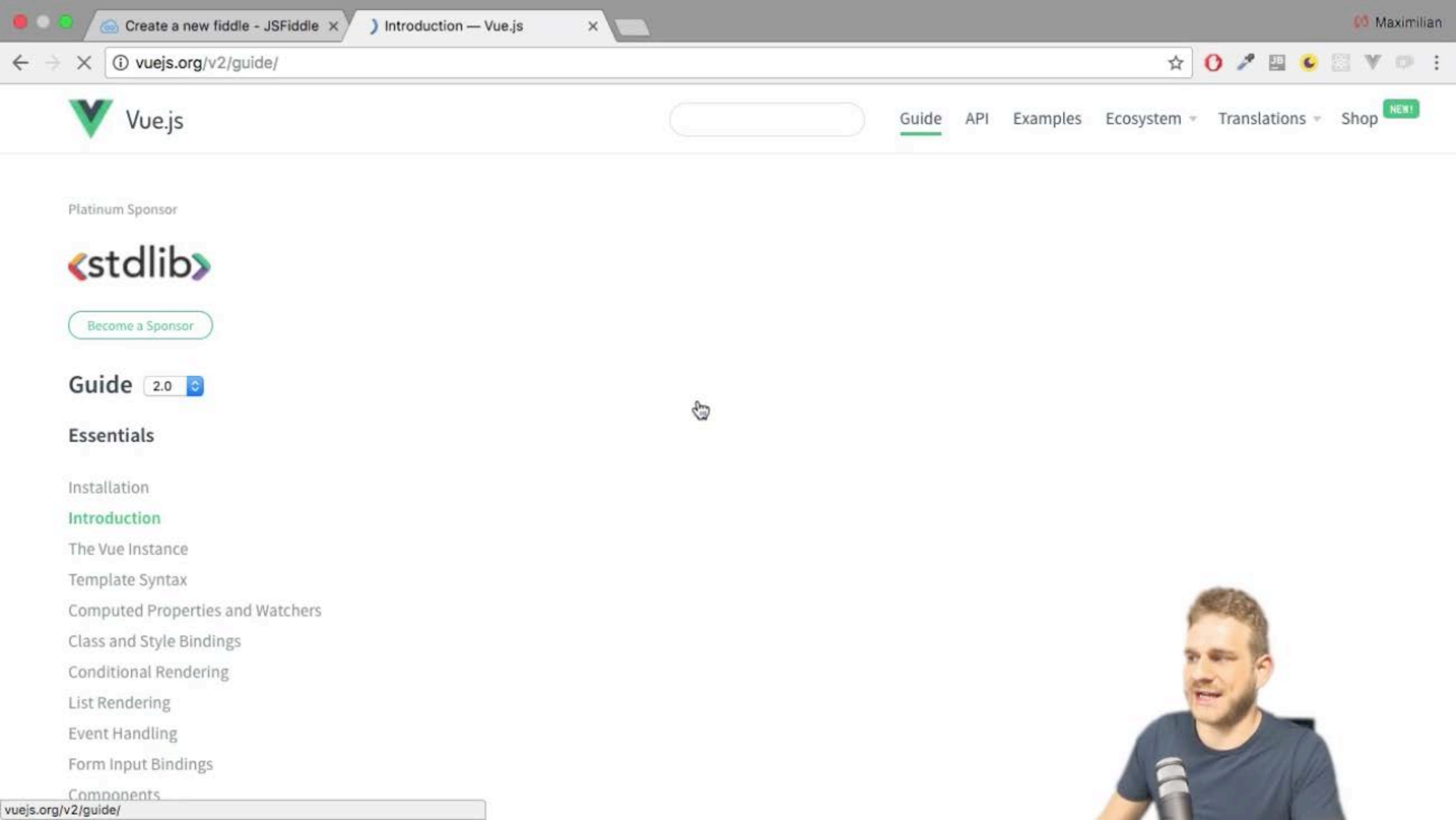
Performant

18kb min+gzip Runtime
Blazing Fast Virtual DOM
Minimal Optimization Efforts

Waiting for vuejs.org...

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Guide 2.0

Essentials

Installation

Introduction

The Vue Instance

Template Syntax

Computed Properties and Watchers

Class and Style Bindings

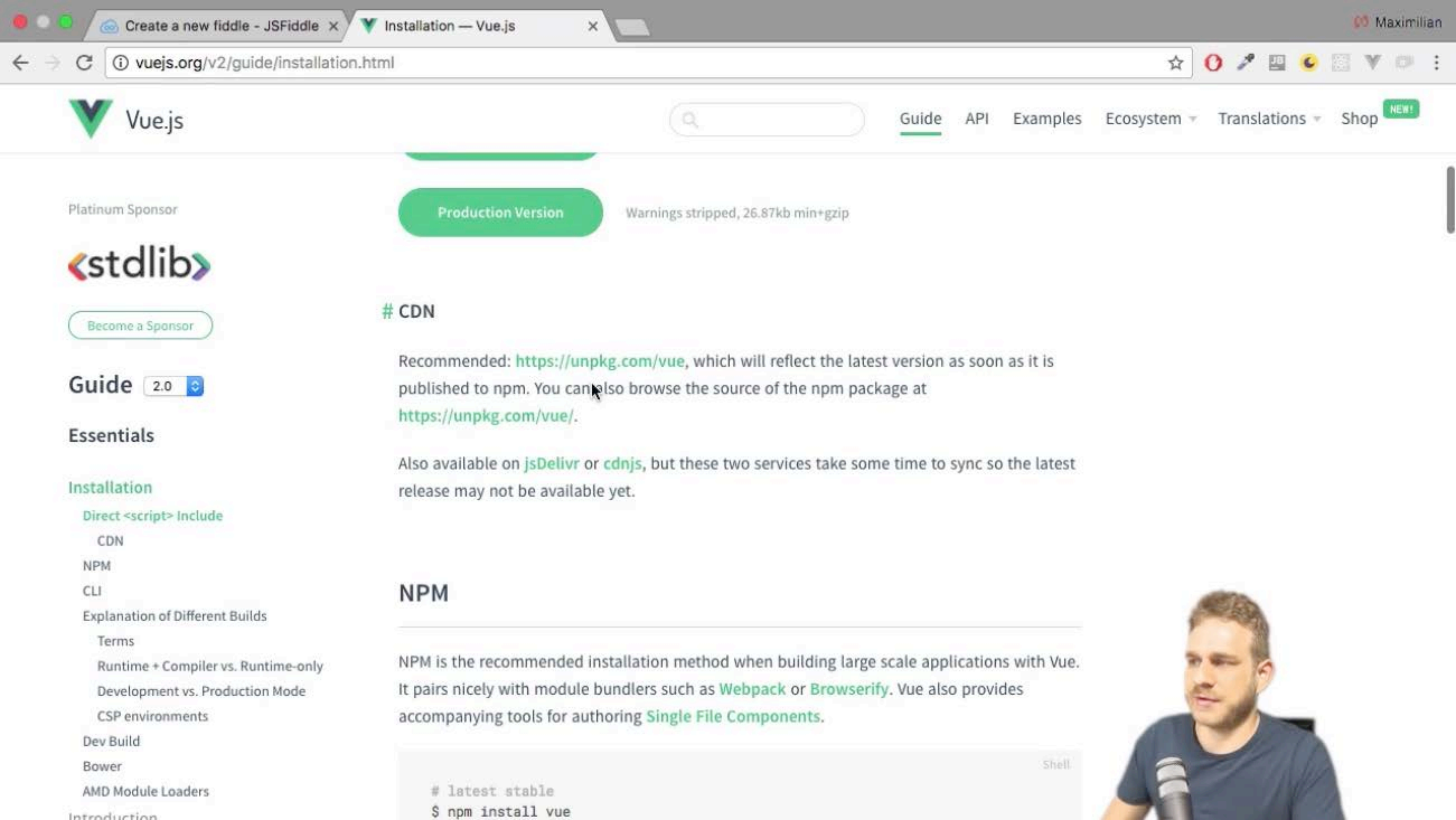
Conditional Rendering

List Rendering

Event Handling

Form Input Bindings

Components



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Essentials

Installation

Direct <script> Include

CDN

NPM

CLI

Explanation of Different Builds

Terms

Runtime + Compiler vs. Runtime-only

Development vs. Production Mode

CSP environments

Dev Build

Bower

AMD Module Loaders

Introduction

Production Version

Warnings stripped, 26.87kb min+gzip

CDN

Recommended: <https://unpkg.com/vue>, which will reflect the latest version as soon as it is published to npm. You can also browse the source of the npm package at <https://unpkg.com/vue/>.

Also available on [jsDelivr](#) or [cdnjs](#), but these two services take some time to sync so the latest release may not be available yet.

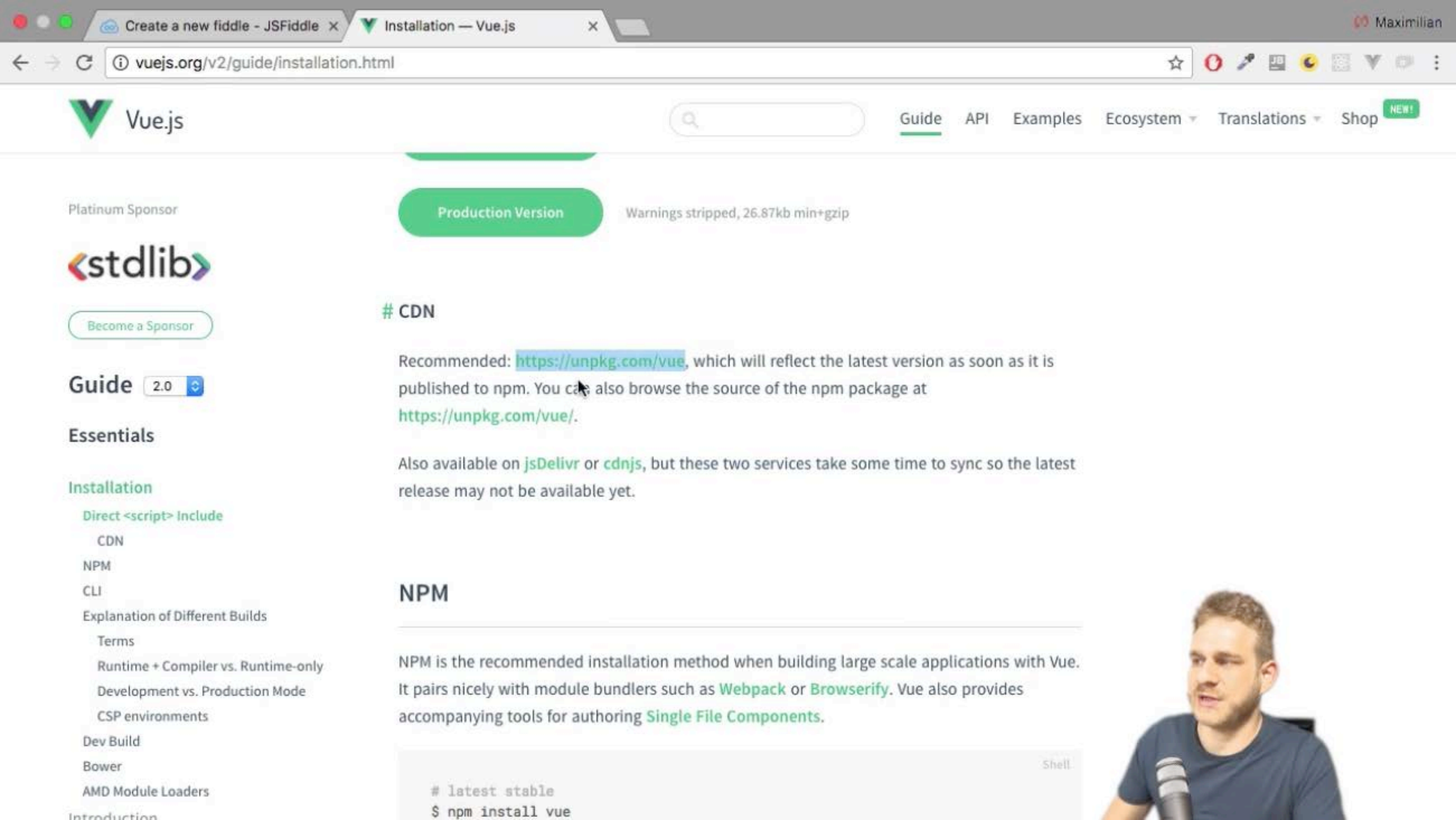
NPM

NPM is the recommended installation method when building large scale applications with Vue. It pairs nicely with module bundlers such as [Webpack](#) or [Browserify](#). Vue also provides accompanying tools for authoring [Single File Components](#).

```
# latest stable
$ npm install vue
```

Shell





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Essentials

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Direct <script> Include

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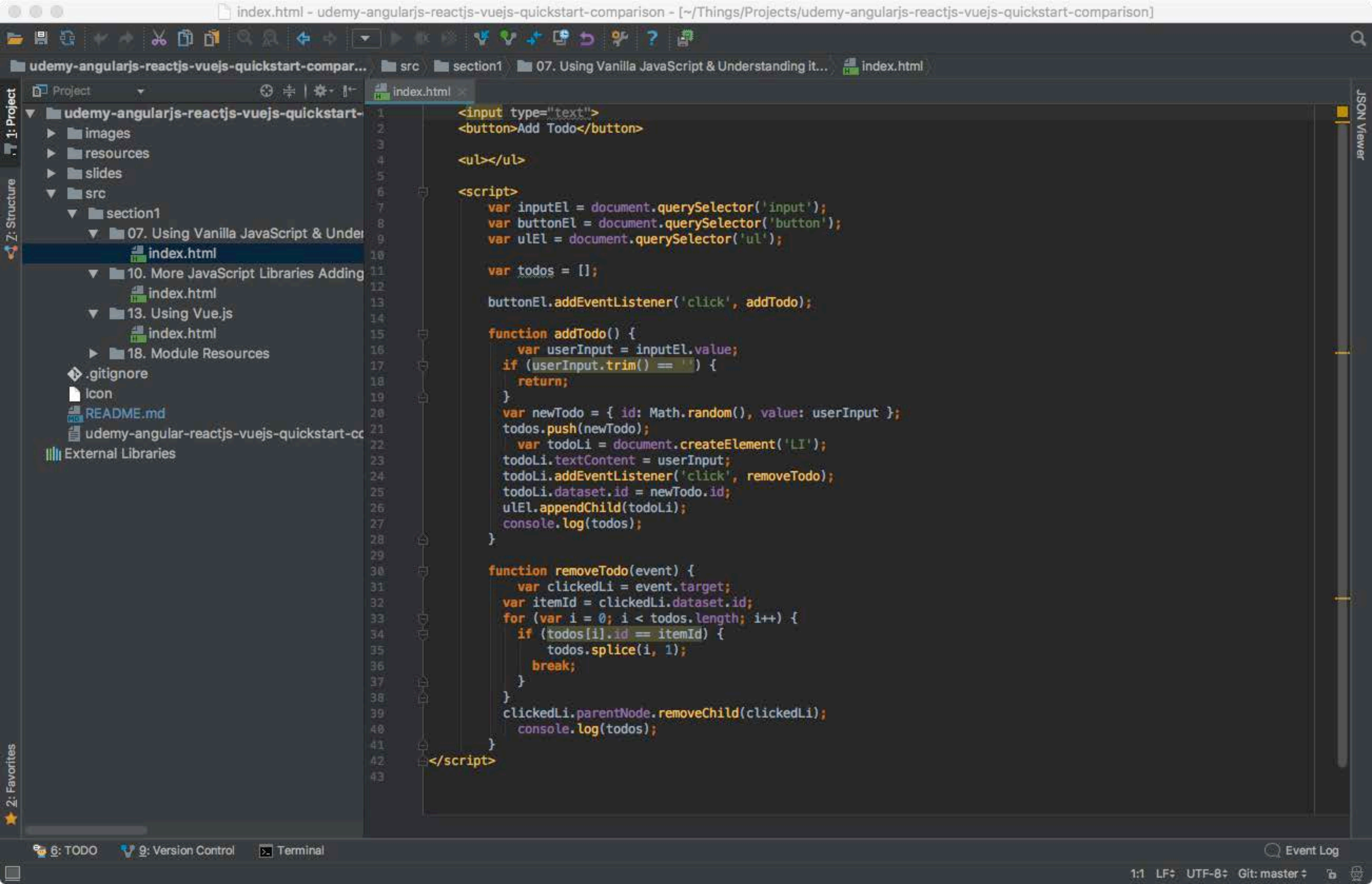
NPM

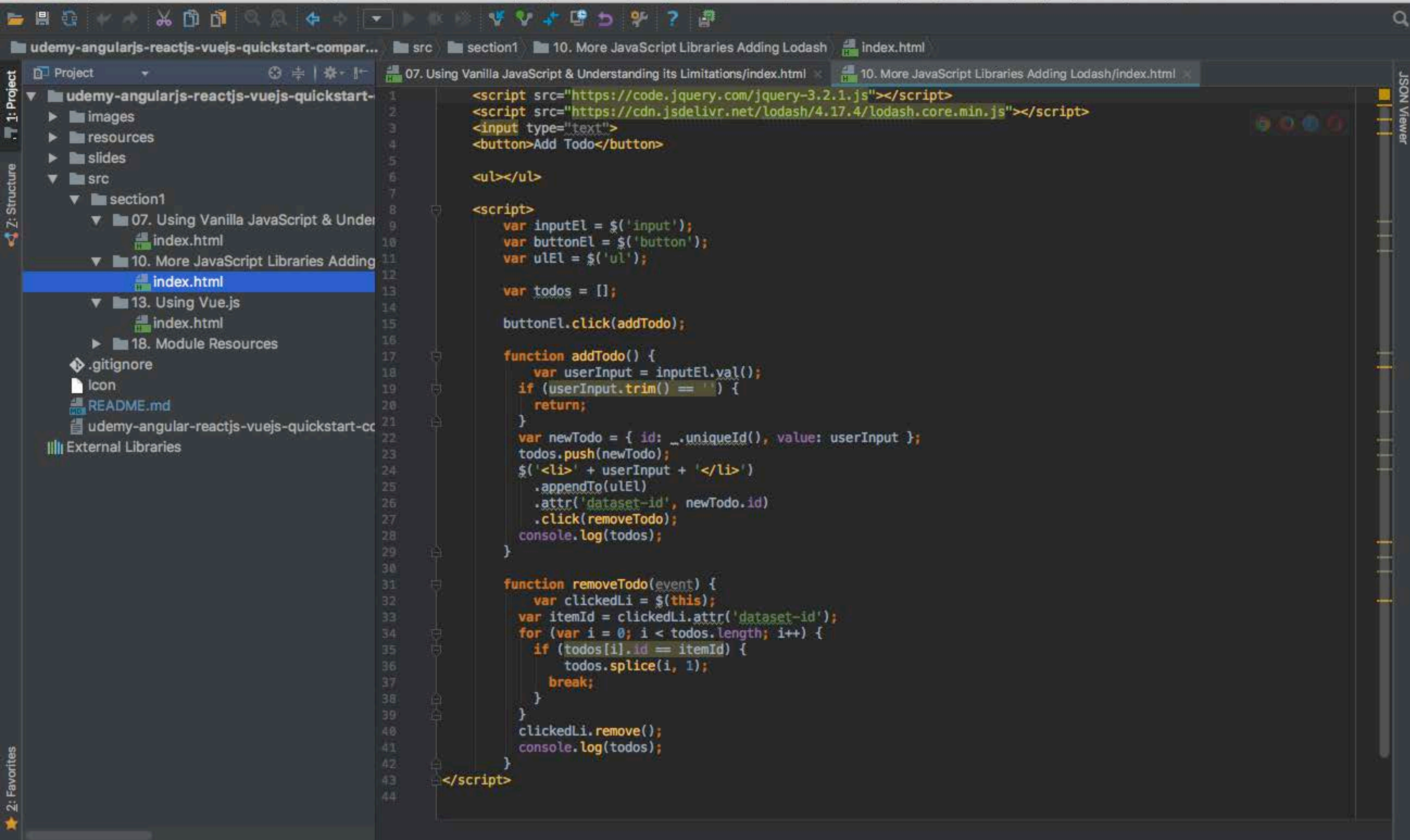
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```
# latest stable
$ npm install vue
```

Shell







The screenshot shows a code editor with a project structure on the left and a JavaScript file open in the main editor. The project structure includes a folder named 'udemy-angularjs-reactjs-vuejs-quickstart-compar...' with subfolders 'images', 'resources', 'slides', and 'src'. The 'src' folder contains a 'section1' folder, which in turn contains two files: '07. Using Vanilla JavaScript & Understanding its Limitations/index.html' and '10. More JavaScript Libraries Adding Lodash/index.html'. The '10. More JavaScript Libraries Adding Lodash/index.html' file is selected and its content is displayed in the main editor. The code in the file includes jQuery and Lodash libraries, an HTML form with an input field and a button, and JavaScript functions for adding and removing todos. The bottom status bar shows '6: TODO', '9: Version Control', 'Terminal', and 'Event Log'.

```
1 <script src="https://code.jquery.com/jquery-3.2.1.js"></script>
2 <script src="https://cdn.jsdelivr.net/lodash/4.17.4/lodash.core.min.js"></script>
3 <input type="text">
4 <button>Add Todo</button>
5
6 <ul></ul>
7
8 <script>
9   var inputEl = $('input');
10  var buttonEl = $('button');
11  var ulEl = $('ul');
12
13  var todos = [];
14
15  buttonEl.click(addTodo);
16
17  function addTodo() {
18    var userInput = inputEl.val();
19    if (userInput.trim() == '') {
20      return;
21    }
22    var newTodo = { id: _.uniqueId(), value: userInput };
23    todos.push(newTodo);
24    $('<li>' + userInput + '</li>')
25      .appendTo(ulEl)
26      .attr('dataset-id', newTodo.id)
27      .click(removeTodo);
28    console.log(todos);
29  }
30
31  function removeTodo(event) {
32    var clickedLi = $(this);
33    var itemId = clickedLi.attr('dataset-id');
34    for (var i = 0; i < todos.length; i++) {
35      if (todos[i].id == itemId) {
36        todos.splice(i, 1);
37        break;
38      }
39    }
40    clickedLi.remove();
41    console.log(todos);
42  }
43 </script>
44
```




1: Project

2: Structure

Project

udemy-angularjs-reactjs-vuejs-quickstart-compar...

images

resources

slides

src

section1

07. Using Vanilla JavaScript & Under

index.html

10. More JavaScript Libraries Adding

index.html

13. Using Vue.js

index.html

18. Module Resources

.gitignore

Icon

README.md

udemy-angular-reactjs-vuejs-quickstart-cc

External Libraries

07. Using Vanilla JavaScript & Understanding its Limitations/index.html

10. More JavaScript Libraries Adding Lodash/index.html

1

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```
<input type="text">
<button>Add Todo</button>

<ul></ul>

<script>
  var inputEl = document.querySelector('input');
  var buttonEl = document.querySelector('button');
  var ulEl = document.querySelector('ul');

  var todos = [];

  buttonEl.addEventListener('click', addTodo);

  function addTodo() {
    var userInput = inputEl.value;
    if (userInput.trim() == '') {
      return;
    }
    var newTodo = { id: Math.random(), value: userInput };
    todos.push(newTodo);
    var todoLi = document.createElement('LI');
    todoLi.textContent = userInput;
    todoLi.addEventListener('click', removeTodo);
    todoLi.dataset.id = newTodo.id;
    ulEl.appendChild(todoLi);
    console.log(todos);
  }

  function removeTodo(event) {
    var clickedLi = event.target;
    var itemId = clickedLi.dataset.id;
    for (var i = 0; i < todos.length; i++) {
      if (todos[i].id == itemId) {
        todos.splice(i, 1);
        break;
      }
    }
    clickedLi.parentNode.removeChild(clickedLi);
    console.log(todos);
  }
</script>
```

JSON Viewer

index.html - udemy-angularjs-reactjs-vuejs-quickstart-comparison - [~/Things/Projects/udemy-angularjs-reactjs-vuejs-quickstart-comparison]

Project

udemy-angularjs-reactjs-vuejs-quickstart-compar...

images

resources

slides

src

section1

07. Using Vanilla JavaScript & Under

index.html

10. More JavaScript Libraries Adding

index.html

13. Using Vue.js

index.html

18. Module Resources

.gitignore

Icon

README.md

udemy-angular-reactjs-vuejs-quickstart-cc

External Libraries

1: Project

2: Favorites

index.html

1<script src="https://unpkg.com/vue">

2</script>

3<script src="https://cdn.jsdelivr.net/lodash/4.17.4/lodash.core.min.js"></script>

4

5<div id="app">

6<input type="text" v-model="userInput">

7<button v-on:click="addTodo">Add Todo</button>

8

9

10<li

11v-for="todo in todos"

12v-on:click="removeTodo(todo)">{{ todo.value }}

13

14</div>

15

16<script>

17new Vue({

18el: '#app',

19data: {

20todos: [],

21userInput: ''

22},

23methods: {

24addTodo: function() {

25if (this.userInput.trim() == '') {

26return;

27}

28var newTodo = {

29id: _.uniqueId(),

30value: this.userInput

31};

32this.todos.push(newTodo);

33console.log(this.todos);

34},

35removeTodo(todo) {

36var id = todo.id;

37for (var i = 0; i < this.todos.length; i++) {

38if (this.todos[i].id == id) {

39this.todos.splice(i, 1);

40break;

41}

42}

43}

44}

45});

script

JSON Viewer

6: TODO

9: Version Control

Terminal

Event Log

17:12 LF UTF-8 Git: master

The screenshot shows a VS Code editor window with the following components:

- Top Bar:** Displays the current file path: `10. More JavaScript Libraries Adding Lodash/index.html`.
- Left Sidebar:**
 - Project:** Shows the file structure of the project, including folders like `images`, `resources`, `slides`, and `src`. The `src` folder is expanded, showing `section1` and its subfolders.
 - 7: Structure:** A tree view of the project structure.
 - 2: Favorites:** A list of favorite files and folders.
- Main Editor:** Displays the content of `index.html`. The code is as follows:

```
1 <script src="https://code.jquery.com/jquery-3.2.1.js"></script>
2 <script src="https://cdn.jsdelivr.net/lodash/4.17.4/lodash.core.min.js"></script>
3 <input type="text">
4 <button>Add Todo</button>
5
6 <ul></ul>
7
8 <script>
9   var inputEl = $('input');
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13  var todos = [];
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15  buttonEl.click(addTodo);
16
17  function addTodo() {
18    var userInput = inputEl.val();
19    if (userInput.trim() == '') {
20      return;
21    }
22    var newTodo = { id: _.uniqueId(), value: userInput };
23    todos.push(newTodo);
24    $('<li>' + userInput + '</li>')
25      .appendTo(ulEl)
26      .attr('dataset-id', newTodo.id)
27      .click(removeTodo);
28    console.log(todos);
29  }
30
31  function removeTodo(event) {
32    var clickedLi = $(this);
33    var itemId = clickedLi.attr('dataset-id');
34    for (var i = 0; i < todos.length; i++) {
35      if (todos[i].id == itemId) {
36        todos.splice(i, 1);
37        break;
38      }
39    }
40    clickedLi.remove();
41    console.log(todos);
42  }
43 </script>
44
```
- Right Sidebar:** A JSON Viewer panel.
- Bottom Bar:** Contains tabs for `6: TODO`, `9: Version Control`, and `Terminal`. The status bar at the bottom shows `1:1 LF UTF-8 Git: master`.

JS Frameworks

What and Why?

Add title to make the fiddle public.

External Resources

AJAX Requests

Legal, Credits and Links

JSFiddle Roadmap

suggest and vote for features

HTML JAVASCRIPT

Answer Questions

Add Todo

JS Frameworks

Add title to make the fiddle public.

AJAX Requests

Legal, Credits and Links

JSFiddle Roadmap

suggest and vote for features

HTML JAVASCRIPT

Answer Questions

Add Todo



JS Frameworks

Add title to make the fiddle public.

AJAX Requests

Legal, Credits and Links

JSFiddle Roadmap

suggest and vote for features

HTML JAVASCRIPT CSS

Answer Questions

Add Todo



JS Frameworks

What and Why?

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suggest and vote for features

CSS JAVASCRIPT

Answer Questions

Add Todo

Create a new fiddle - JSFiddle x

Installation — Vue.js x

Maximilian

JSFiddle, Ltd [GB]

https://jsfiddle.net/smax/q5wLaodv/

Search

Star

Refresh

Tools

Dark Mode

Fullscreen

More

4

Run

Update

Fork

Set as base

Tidy

Collaborate

Embed

Fiddle Meta

JS Frameworks

What and Why?

Add title to make the fiddle public.

External Resources

AJAX Requests

Legal, Credits and Links

JSFiddle Roadmap

suggest and vote for features

6

<input type="text" v-model="userInput">

HTML

7

<button v-on:click="addTodo">Add

8

Todo</button>

1

Settings

2

smāx

CSS

3

data: {

JAVASCRIPT

4

todos: [],

5

userInput: ''

6

},

7

methods: {

8

addTodo: function() {

9

if

10

(this.userInput.trim() == '')

11

{

12

return;

13

}

14

var newTodo = {

15

id: _.uniqueId(),

16

value: this.userInput

17

};

18

this.todos.push(newTodo);

19

console.log(this.todos);

Answer Questions

Add Todo

- Buy Milk
- Answer Questions

top

Preserve log

[Object, __ob__: Observer] (index):61

Array[2] (index):61

0: Object

1: Object

__ob__: Observer

length: 2

__proto__: Array

Maximilian