

# VUE WITH PINEGROW AND BEYOND



pinegrow

<http://pinegrow.com>



Vue Designer

<https://vuedesigner.com>

# About this series (4 videos)

1. Progressive Enhancement of HTML with Petite-Vue
2. Progressive Hydration of Islands with 11ty in Static HTML
3. Progressive Enhancement of HTML with Standard-Vue
4. Progressive Hydration of Islands with Astro, Iiles & Nuxt



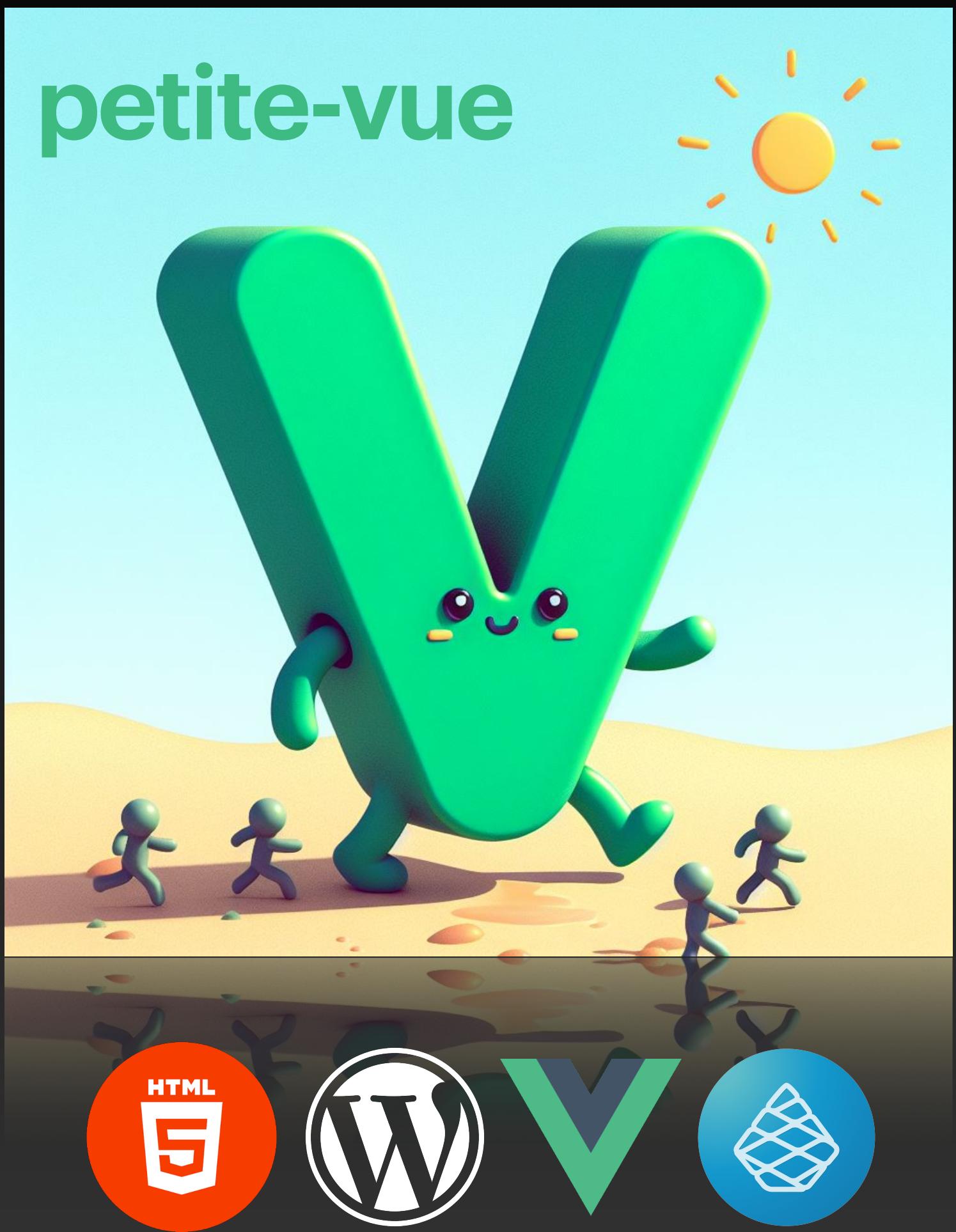
## Pinegrow for HTML Projects

- Static HTML pages
- No build tools (for HTML)
- Refresh when working with Javascript

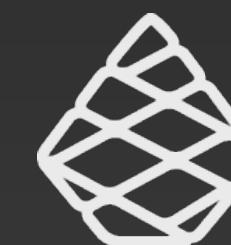


## Vue Designer for Vue + Vite

- .vue components, app tree, state binding
- Vite-powered meta-frameworks
- HMR authoring experience



# PROGRESSIVE ENHANCEMENT OF HTML WITH PETITE-VUE (1)



pinegrow

<http://pinegrow.com>

# Frameworks Lite for Pinegrow

<https://github.com/TechAkayy/frameworks-lite-for-pinegrow> - free & open-source (MIT)

The screenshot shows a GitHub repository page for 'frameworks-lite-for-pinegrow'. The repository is public and has 0 forks and 0 stars. A tooltip is displayed over the 'Custom' notification settings, which allows selecting events to be notified of in addition to participating and @mentions. The 'Releases' checkbox is checked, indicated by a pink arrow. The tooltip also notes that Discussions are not enabled for this repository. At the bottom right of the tooltip, there are 'Cancel' and 'Apply' buttons, with a pink arrow pointing to the 'Apply' button.

frameworks-lite-for-pinegrow Public

main · Go to file

TechAkayy Updated links in readme · 1cc1fa3 · 29 minute ago

.vscode first commit

screenshots Updated screenshot

src first commit

.gitattributes first commit

.gitignore first commit

Custom

Select events you want to be notified of in addition to participating and @mentions.

Issues

Pull requests

Releases

Discussions

Discussions are not enabled for this repository

Security alerts

Cancel Apply

# Task 1 - Text Interpolation

In the Footer,

1. Display the current year as the end of year range.
2. Note that the page is served from a static hosting, so no server-side rendering (for eg, using php).



**PROZONE  
CHAIR**

Home   About   Products   Shop   Blog   Contact

f    t    o    in    y

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# Task 1 - Revue

The screenshot shows the Vuetify DevTools extension integrated into a browser window. The left sidebar contains navigation links and configuration options for the extension. The main area displays the component tree and styling for the 'Support' section of the 'PROZONE CHAIR' website.

**Component Tree:**

- find text or selector
- PETITE VUE DIRECTIVES
- <A> LINK HTML

**Styling (CSS Preprocessor):**

- :text-opacity-50 A | # |
- h-5 w-5
- :text-opacity-50 A | # |
- h-5 w-5
- :text-opacity-50 A | # |
- > svg h-5 w-5
- > a hover:text-opacity-50 A | # |
- > svg h-5 w-5
- > a hover:text-opacity-50 A | # |

**Breakpoints:**

- ALL
- SM
- MD
- LG
- XL

The screenshot shows the PROZONE CHAIR website with several Vue.js components highlighted and their corresponding code snippets displayed below them.

- Logo:** PROZONE CHAIR
- Navigation:** Home, About, Products, Shop, Blog, Contact
- Social Links:** f, t, o, in, y
- Copyright:** © 2002 - 2024. All Rights Reserved - Company Name
- Privacy Policy | Terms of Use**
- v-scope="{}":** {{ new Date().getFullYear() }}
- v-effect="\$el.textContent = count":** v-text
- v-html:**

# Task 2 - Loops, Data binding, Conditionals

In the Footer,

1. Display the opening hours for the whole week.
2. Use an local array for now! The data is maintained in a headless CMS (sunday to saturday), so we will replace the local array with a api fetch later.
3. Highlight today's opening hours in primary color.



PROZONE  
CHAIR

Home   About   Products   Shop   Blog   Contact

f    t    o    in    y

Sunday 9 am–10 pm

Monday Closed

Tuesday 12–10 pm

Wednesday 12–10 pm

Thursday 12–10 pm

Friday 12–10 pm

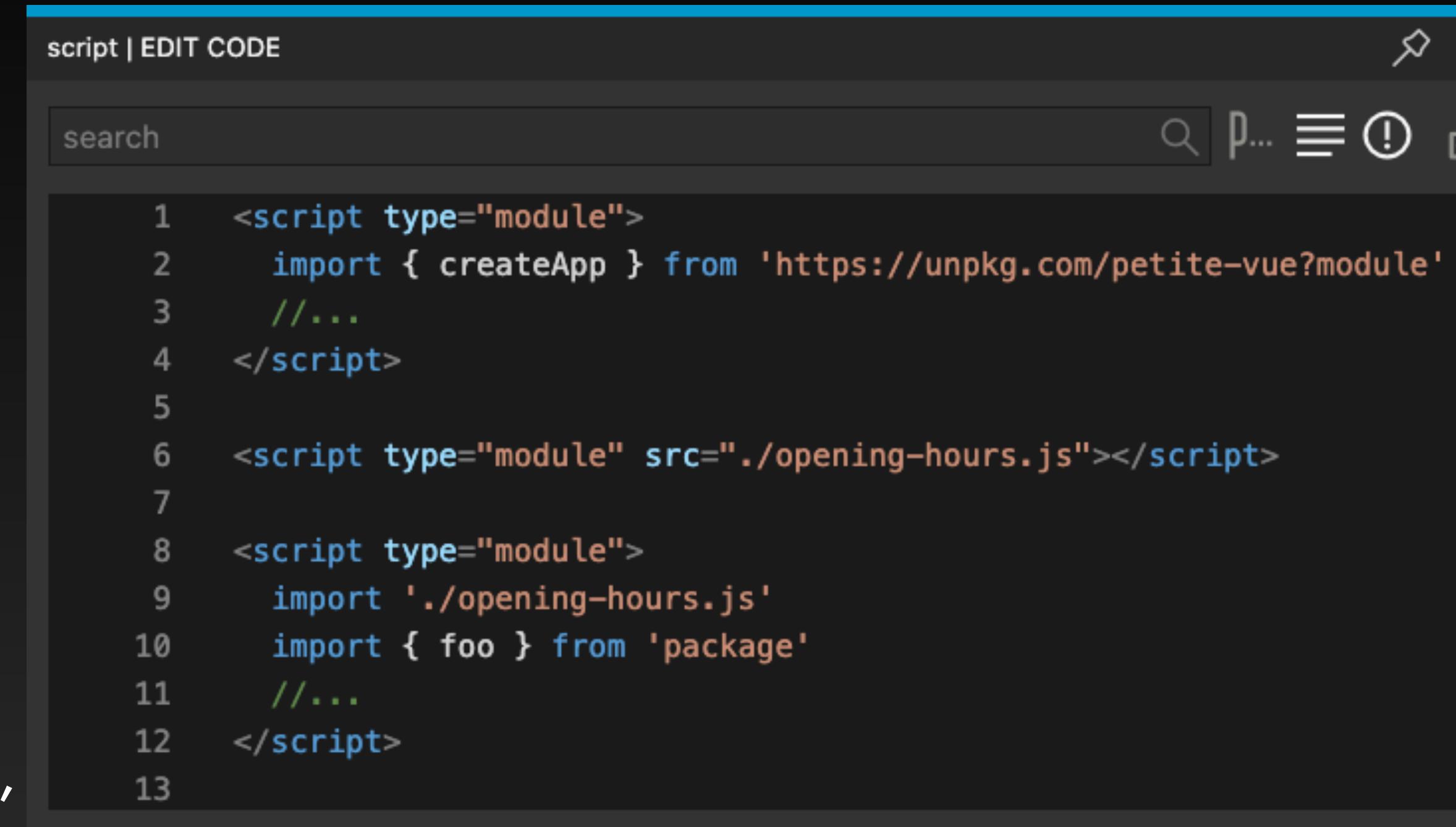
Saturday 9 am–10 pm

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# Module Script

1. **Singleton** - loaded only once, even if imported multiple times.
2. **Deferred by default** - execute after HTML content is parsed. Can be anywhere within the document.
3. **Modern ES module syntax** - modular code with import/export.
4. **Strict mode** - all objects (let, const, var, function, class) are private unless explicitly exported.
5. **No File Protocol** - External module imports don't support file protocol.



A screenshot of a code editor interface titled "script | EDIT CODE". The editor shows several lines of code with line numbers on the left. The code examples demonstrate various features of ES module scripts, including imports from URLs and files, strict mode, and modular syntax with exports.

```
script | EDIT CODE
search
1 <script type="module">
2   import { createApp } from 'https://unpkg.com/petite-vue?module'
3   //...
4 </script>
5
6 <script type="module" src="./opening-hours.js"></script>
7
8 <script type="module">
9   import './opening-hours.js'
10  import { foo } from 'package'
11  //...
12 </script>
13
```

# Task 2 - Revue

script | EDIT CODE

search

Home About Products Shop Blog Contact

f t o in y

```
1 <script type="module" data-pg-name="App-Petite Vue">
2   import { createApp } from 'https://unpkg.com/petite-vue?
  module'
3
4   const state = {
5     // state exposed to all expressions within v-scope
6     regions
7     weekDays: [
8       'Sunday 9 am–10 pm',
9       'Monday Closed',
10      'Tuesday 12–10 pm',
11      'Wednesday 12–10 pm',
12      'Thursday 12–10 pm',
13      'Friday 12–10 pm',
14      'Saturday 9 am–10 pm',
15    ],
16    get todaysOpeningHours() {
17      return this.weekDays[new Date().getDay()]
18    },
19  },
```

Sunday 9 am–10 pm  
Monday Closed  
Tuesday 12–10 pm  
Wednesday 12–10 pm  
Thursday 12–10 pm  
Friday 12–10 pm  
Saturday 9 am–10 pm

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v-for / :key

v-bind (:)

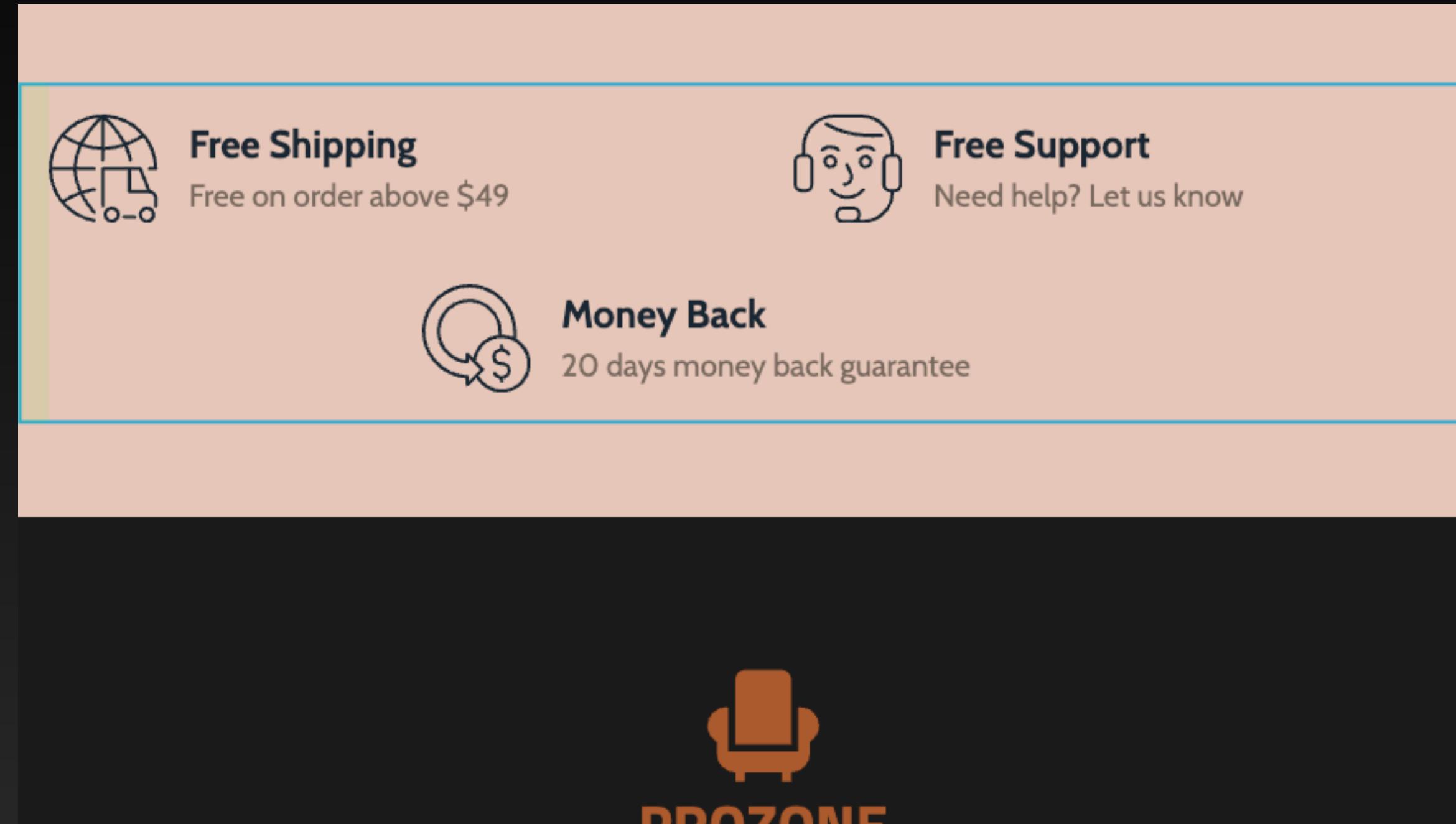
v-show

v-if, v-else, v-else-if

# Task (experimental) - Client-side rendering

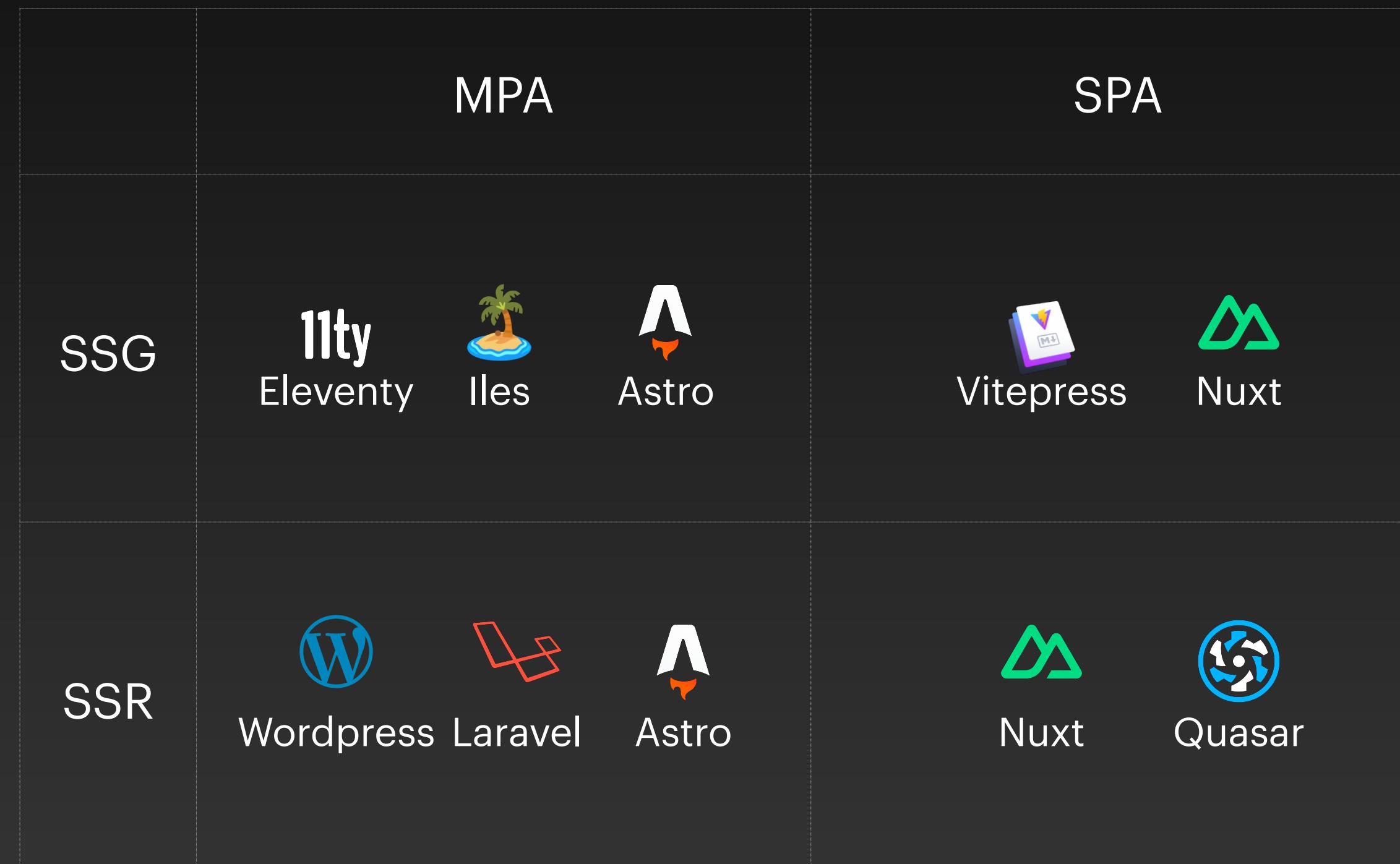
In the Deals section (just above Footer),

1. If you are following along, skip doing this task at your end.
2. The three deals boxes, can they be looped?
  - a. Free Shipping
  - b. Free Support
  - c. Money Back
3. SEO impact while client-side rendering



# Use Cases - Petite-Vue

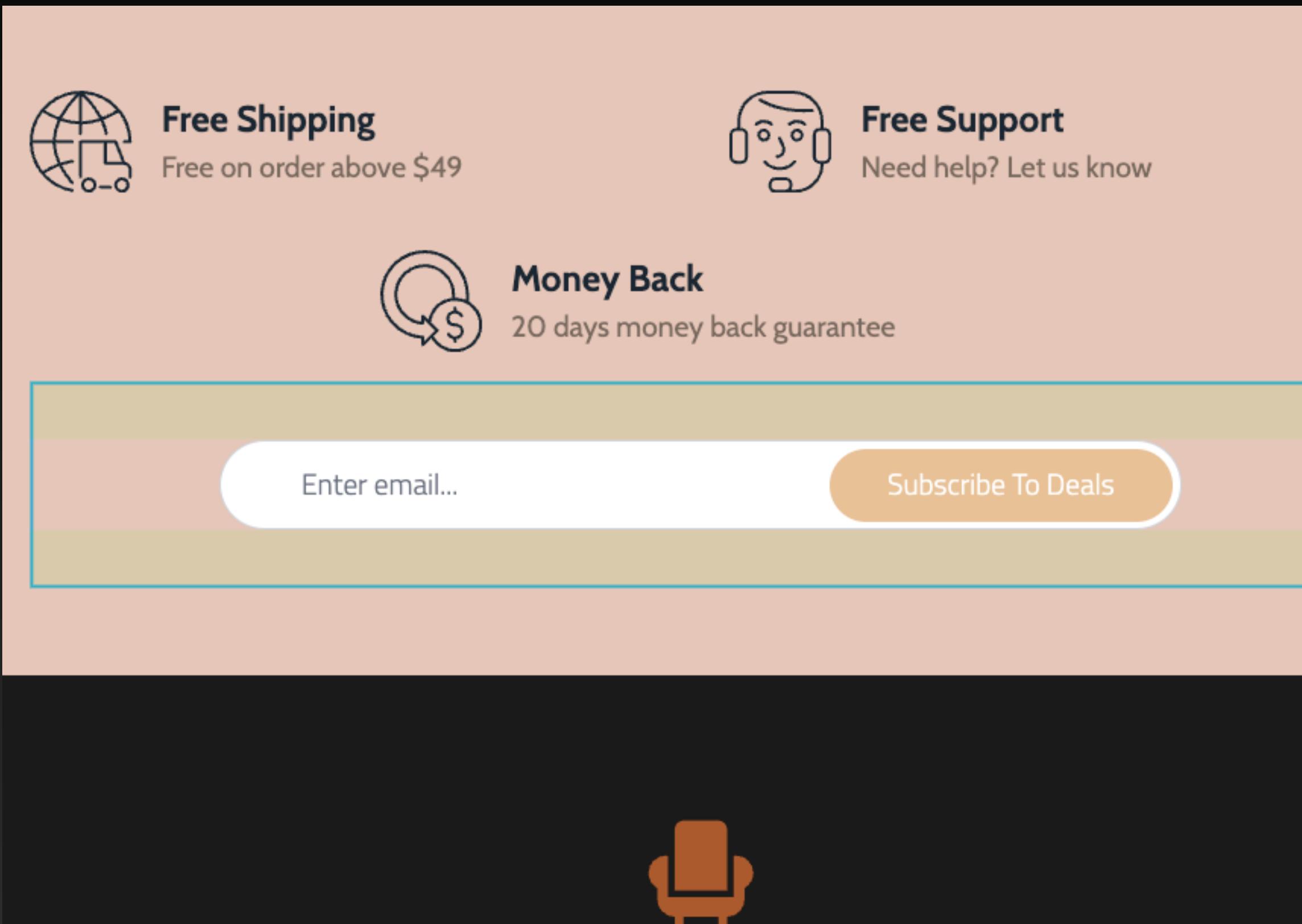
Progressive enhancement is ideally done on top of SSG / SSR  
“sprinkles” of interactions (CSR)



# Task 3 - Two-way data binding, Events

In the Deals section (just above Footer),

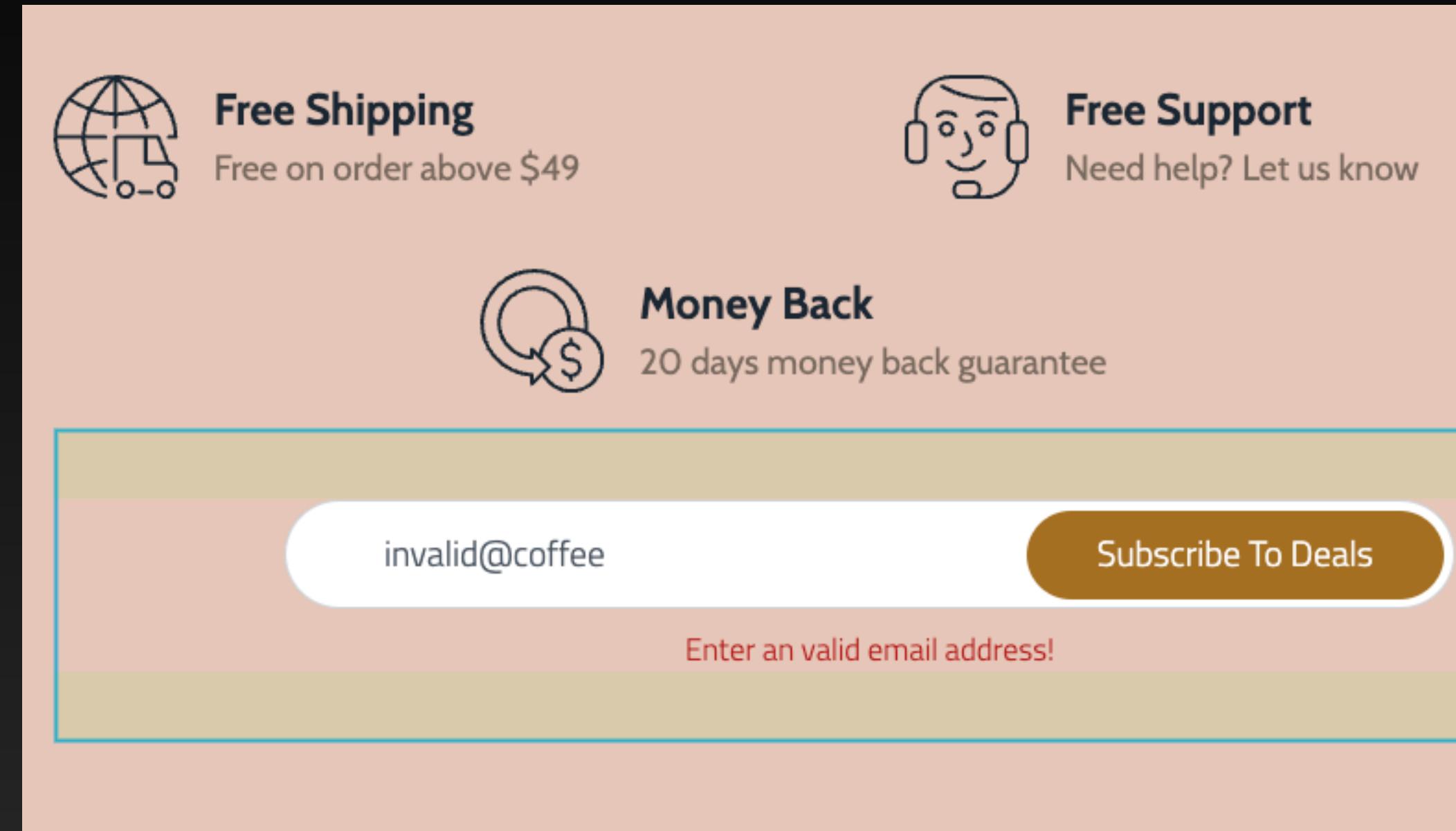
1. Add a subscription form to let users enter their email and subscribe to deals.
2. Enable the subscribe button only if a valid email is entered.
3. Validate the email address when leaving the input and display an error message below.
4. The subscribe button shall post the email to an API endpoint later. For now, just console log the email address.



# Task 3 - Revue

script | EDIT CODE

```
script | EDIT CODE
search
script
23     email: '',
24     invalidMessage: '',
25     validateEmail() {
26         const re = /^[^<>()\\[\\]\\.,;:\\s@"]+(\. [^<>()\\[\\]\\.,;:\\s@"]+)*|(.+")@((\[[0-9]{1,3}\].[0-9]{1,3}\.[0-9]{1,3}\.[0-9]{1,3})|(([a-zA-Z\-\-0-9]+\.)+[a-zA-Z]{2,}))$/
27         if (re.test(this.email)) {
28             this.invalidMessage = ''
29         } else {
30             this.invalidMessage = 'Enter a valid email address!'
31         }
32     },
33     subscribe() {
34         if (!this.invalidMessage) {
35             console.log(this.email)
36         }
37     },
38 }
39
40     createApp(state).mount()
41 </script>
```

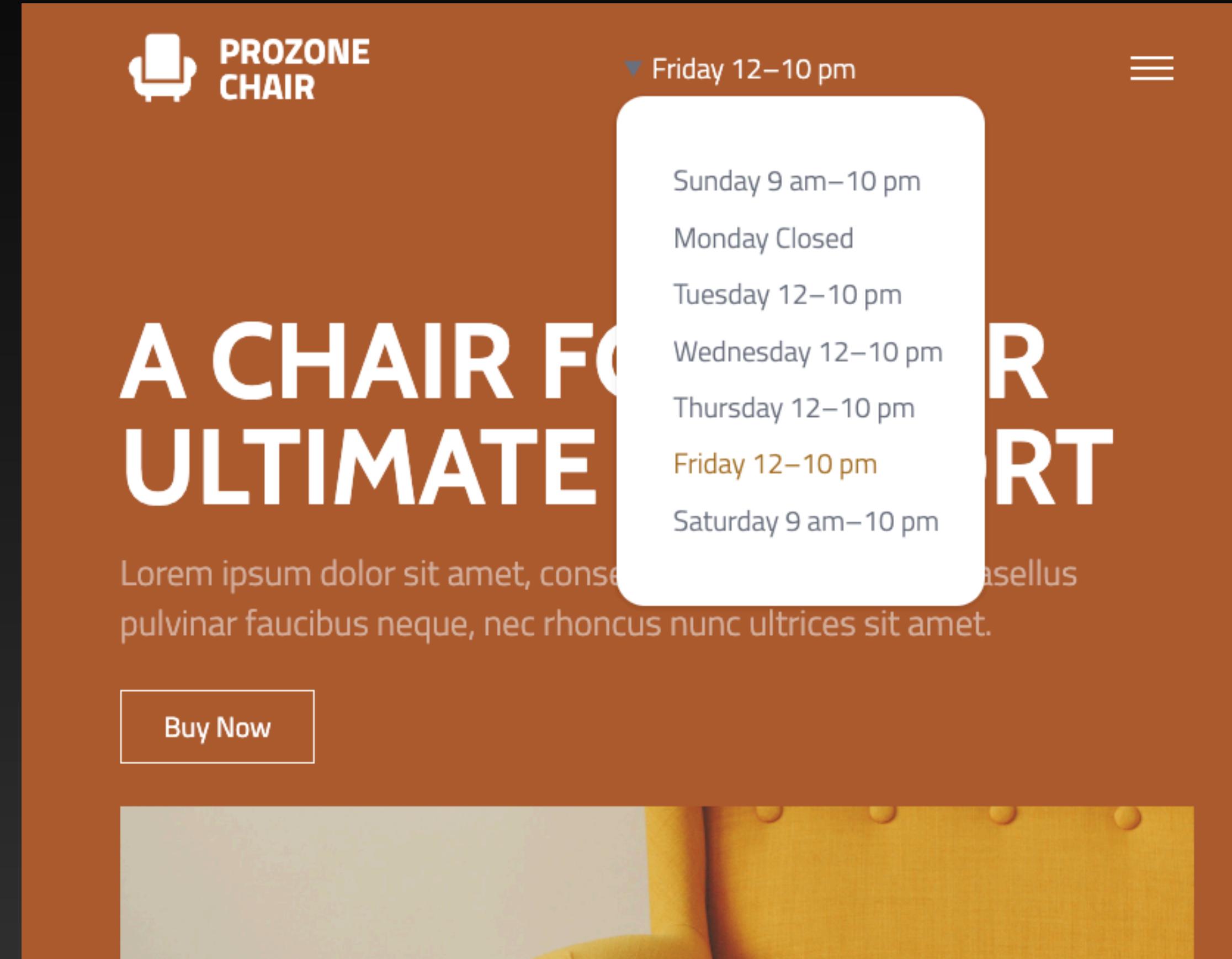


- v-model
- v-bind:attr
- v-on:blur
- v-on:click

# Task 4 - Components, Cloak

In the Navbar,

1. Display today's opening hours
2. When clicked, display the opening hours for the whole week in a popover.
3. Clicking on it again (or) clicking away should close the popover.
4. Ensure there is no “blip” of unrendered characters, across the whole page, for eg, {{ foo }}.



# Task 4 - Revue

The screenshot shows the Pinegrow interface with the following components:

- script | EDIT CODE**: The code editor window containing the following Vue.js code:

```
12     'Friday 12–10 pm',
13     'Saturday 9 am–10 pm',
14   ],
15   get todaysOpeningHours() {
16     return this.weekDays[new Date().getDay()]
17   },
18   AllOpeningHours() {
19     return {
20       $template: '#component-all-opening-hours'
21     }
22 },
```
- <A> LINK HTML**: A panel for creating links with a "Create link" button.
- Component Tree**: Shows the component structure:
  - script /\* Pinegrow Interact...
  - style [v-cloak] { ... }
  - body font-light A
    - App-Petite Vue script | import { createApp }...
    - Component-All Opening Hours template#com
      - Tailwind Safelist div v-scope v-show
        - span#safe-list text-primary-600 | Tailwind
        - ul px-2 text-center
          - li v-for py-1
            - span | {{weekDay}}
      - header bg-secondary-500 relative
- INFO HTML**: A panel for component metadata with fields: Id (component-all-opening-hours), Name (Component-All Opening Hours), Title (empty), and an "Edit HTML" button.

The website design in Pinegrow includes the following elements:

- Header**: PROZONE CHAIR logo.
- Section**: A large white box with text "A CHAIR FOR ULTIMATE".
- Text**: "Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum."
- Dropdown**: A white dropdown menu for "Friday 12–10 pm" listing opening hours for other days.
- Footer**: A dark footer section with text "FOOTER" and "FOOTER".
- Component Details**: A sidebar on the right showing component details for "index-islands":
  - Frameworks: Petite Vue (selected), Alpinejs, Standard Vue.
  - Add CDN Script (choose one of below two options, don't mix them up): Global App, Individual Islands.
  - Cloak inline style, Add v-cloak inline style.

# Wordpress + Progressive Enhancement

The screenshot illustrates the integration of Progressive Enhancement with a WordPress theme using the Pinegrow IDE.

**Code Editor:** Shows the `index.html` file with a responsive layout (SM, 640 px). The code includes an inline module script:

```
1 <script type="module" data-pg-name="App-Petite Vue" wp-no-enqueue>
2   import { createApp } from 'https://unpkg.com/petite-vue?module'
3
4   const state = {
5     // state exposed to all expressions within v-scope regions
6     weekDays: [
7       'Sunday 9 am–10 pm',
8       'Monday Closed',
9       'Tuesday 12–10 pm',
10      'Wednesday 12–10 pm',
11      'Thursday 12–10 pm',
12      'Friday 12–10 pm',
13      'Saturday 9 am–10 pm',
14    ],
15    get todaysOpeningHours() {
16      return this.weekDays[new Date().getDay()]
17    },
18    AllOpeningHours() {
19      return {
20        $template: '#component-all-opening-hours'
21      }
22    }
23  
```

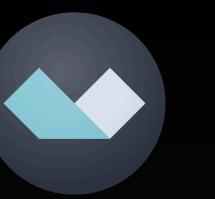
A pink arrow points from the `wp-no-enqueue` attribute in the code editor to the **Do Not Enqueue** entry in the enqueue queue.

**Enqueue Queue:** Shows the WordPress enqueue queue with the following entries:

- title | Design of the Week T...
- link | ....0/dist/full.min.css
- link | ...d\_theme/tailwind.css
- script | /\* Pinegrow Interact...
- style | [v-cloak] { display:...
- body font-light A**
  - App-Petite Vue script** ⚒ **Do not en**
  - > Component-All Opening Hours tem
  - > header bg-secondary-500 relative
- main
  - > section bg-secondary-500 relative
  - > section py-24 A
  - > section py-24
  - > section py-12
  - > section bg-secondary-100 py-12 A
    - > div container mx-auto px-4 relative
      - > div -mx-4 flex flex-wrap justify-cen
      - > div p-4 w-full SM w-6/12 LG w-
      - > div p-4 w-full SM w-6/12 LG w-
      - > div p-4 w-full SM w-6/12 LG w-
    - > Scope-Subscribe To Deals div

Inline Module Script  
- Do Not Enqueue

Imported Module Script  
- TODO -



Petite-vue is 2 yrs old,  
Alpinejs 4-5 yrs old

DIY

1. Scope	v-scope="{ count: 0 }"	x-data="{ count: 0 }"
2. Initialization / lifecycle	@vue:mounted="count=10"	x-init="count=10"
3. Text interpolation	Count is: {{ count }}, v-cloak	Count is: <span x-cloak x-text="count"></span>
4. Re-evaluation	v-effect="count=15"	x-effect="count=15"
5. Show/hide conditionally	v-show	x-show
6. Render conditionally	v-if, v-else, v-else-if	x-if
7. Looping	v-for / :key	x-for / :key
8. Data Binding (attributes, class, style)	v-bind ()	x-bind ()
9. Two-way binding	v-model	x-model
10. Event	v-on (@)	x-on (@)
11. Text/Html content	v-text / v-html	x-text / x-html
12. Template Refs	ref	x-ref
** Other Features **	Components, Custom Directives & Global Store	and more...

Alpinejs can be installed  
via npm

Alpinejs Transitions &  
Magics

Alpinejs Plugins

Alpinejs UI Components /  
Design Blocks

\* Not an exhaustive  
comparison

# petite-vue

1. Progressive enhancement.
2. Same template syntax as standard **Vue**.
3. Optimized for "**sprinkling**" a small amount of interactions on an **server-rendered** **HTML** document.
  - a. Light-weight ~6kb (cdn), no build step
  - b. DOM *is* the template (no virtual-dom)
  - c. Similar to Alpinejs, but part of the Vue ecosystem
  - d. Feature-complete, stable for years to come...

# Some tips

1. Understand v-show versus v-if 
2. v-on:click, not @click  
3. Avoid arrow functions  
4. x-for, x-if must be on a <template> tag, only one root container 
5. x-for/v-for :key, if re-ordering is important  
6. v-html, x-html - avoid them, xss vulnerabilities  
7. Understand SEO impact while client-side rendering  
8. Alpine.js & Vue devtools  
9. Share your tips in the comments.

# Petite-Vue Templates & Examples

Create a new page or project

Choose what kind of page you wish to create:

- [Bootstrap 5 Blocks](#)
- [Tailwind CSS Blocks](#)
- [Interactions Blueprints](#)
- [Bootstrap 4 Blocks](#)
- [Frameworks Lite 1.1](#)
- [Bootstrap 5](#)
- [Tailwind CSS](#)
- [Plain HTML](#)
- [Tailwind UI](#)
- [Foundation 6.6](#)
- [Bootstrap 3 Blocks for WP](#)
- [Bootstrap 3 Blocks](#)
- [Bootstrap 4](#)
- [Foundation 5](#)

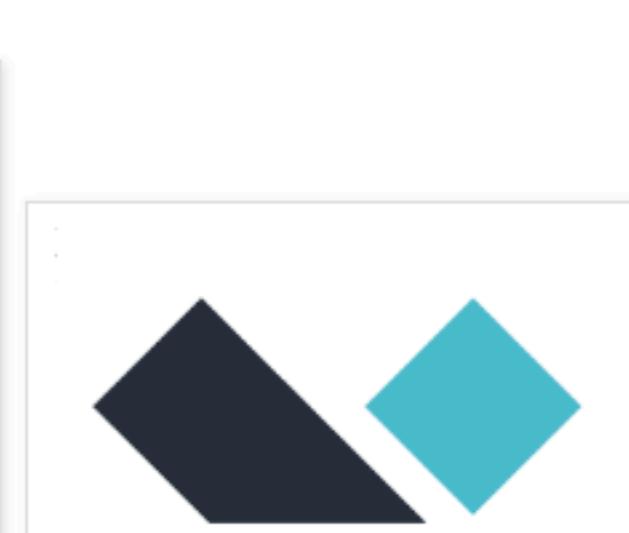
Frameworks Lite 1.1 components & blocks. | By Ahmed Kaja



petite-vue-global-app.html



petite-vue-islands.html



alpinejs-global-app.html



standard-vue-islands.html

Latest frameworks-lite-for-pinegrow commits

View all commits

1 commit · next

1 commit · previous

• [ahmedkaja - Copy template in the context](#) by [Ahmed Kaja](#) at 2024-01-13 09:31:29

• [ahmedkaja - Update README.md](#) by [Ahmed Kaja](#) at 2024-01-11 12:49:28

• [ahmedkaja - Add file via upload](#) by [Ahmed Kaja](#) at 2024-01-11 12:49:28

• [ahmedkaja - Docs updated](#) by [Ahmed Kaja](#) at 2024-01-11 06:32:48

• [ahmedkaja - Recorded few samples, search directives](#) by [Ahmed Kaja](#) at 2024-01-11 04:21:08

• [ahmedkaja - Merge pull request #1 from TechAhmed/chn-acute-via-menu](#) by [Ahmed Kaja](#) at 2024-01-11 04:21:08

• [ahmedkaja - Clean sidebar via menu](#) by [Ahmed Kaja](#) at 2024-01-10 18:55:00

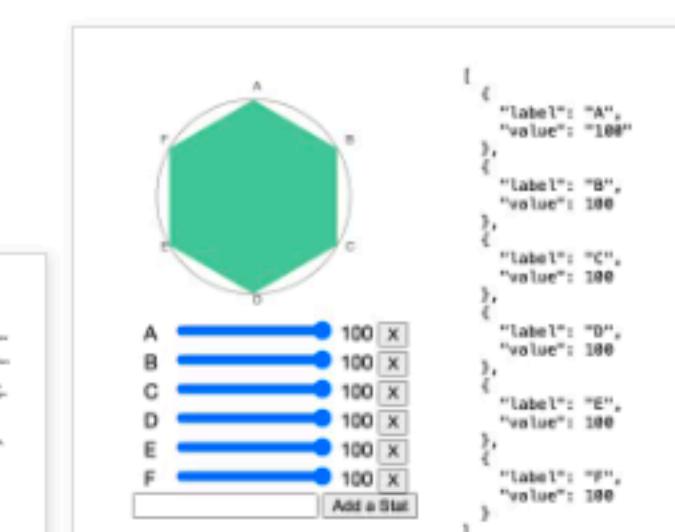
example-commits.html

Name	Power
Chuck Norris	Infinity
Bruce Lee	9000
Jackie Chan	7000
Jet Li	8000

example-grid.html



example-markdown.html



example-svg.html

todos

What needs to be done?

- Support both simple HTML pages only (Pinegrow free version) & projects (Pinegrow Pro)
- Add non-scripted different flavours to an existing page
- Auto-reload page when adding or updating files live
- Add examples via page templates from docs
- In-app quick-start tutorial?
- Use the actions panel instead of props panel?
- Anything else you can think of?

Add a file

example-todomvc.html

Double click an item to turn it into a folder.

My Tree [-]

- hello
- wat
- child folder [-]
  - child folder [+]
  - hello
  - wat
  - child folder [-]
    - hello
    - wat
    - +

example-tree.html

# Production

## Production CDN URLs

The short CDN URL is meant for prototyping. For production usage, use a fully resolved CDN URL to avoid resolving and redirect cost:

- Global build: <https://unpkg.com/petite-vue@0.2.2/dist/petite-vue.iife.js>
  - exposes `PetiteVue` global, supports auto init
- ESM build: <https://unpkg.com/petite-vue@0.2.2/dist/petite-vue.es.js>
  - Must be used with `<script type="module">`

Don't forget the "defer" attribute in the `<script>` tag.

Notice the `@3.x.x` in the provided CDN link. This will pull the latest version of Alpine version 3. For stability in production, it's recommended that you hardcode the latest version in the CDN link.

```
<script defer src="https://cdn.jsdelivr.net/npm/alpinejs@3.13.3/dist/cdn.min.js"></s
```



# PROGRESSIVE HYDRATION OF ISLANDS WITH 11ty IN STATIC HTML (2)



# Monolithic Architecture

The screenshot illustrates a monolithic web application architecture. On the left, a browser window displays a landing page for "PROZONE CHAIR". The page features a large orange hero section with the text "A CHAIR FOR YOUR ULTIMATE COMFORT" and a yellow armchair image. At the top right, there's a promotional box for "Top-down hydration". Below the hero section, there's a "Friday 12–10 pm" event notice and a "Pt-App script" import statement. The right side of the interface shows the detailed code structure for this page, organized into sections like header, main, and footer. The code uses classes such as "bg-secondary-500", "flex-wrap", and "justify-between". A circled number "1" points to the "Pt-App script" line in the code editor.

```
index-global-app.html
SM 640 px
PROZONE CHAIR
Friday 12–10 pm
Top-down hydration
A CHAIR FOR YOUR ULTIMATE COMFORT
Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus pulvinar faucibus neque, nec rhoncus nunc ultrices sit amet.

body font-light
  - Pt-App script | import { createApp }...
  > Pt-Component - All Opening Hours template#component-all-o...
header bg-secondary-500 relative
  div container mx-auto relative
    nav flex flex-wrap items-center justify-between p-4
      > Pt-Scope - Today's Opening Hours div v-scope #todays-opening-hours
main
  section bg-secondary-500 relative A
    div container mx-auto pb-24 pt-24 px-4 relative
  section bg-secondary-100 py-12 A
    div container mx-auto px-4 relative
      > Pt-Scope - Subscribe To Deals div v-scope py-8
        div container mx-auto px-4
          div mx-auto SM w-9/12 XL w-8/12
            form
              div flex justify-center pt-2 w-full
footer bg-opacity-90 font-light pt-12 text-center A
  div container mx-auto px-4 py-6 relative
    > Pt-Scope - All Opening Hours div v-scope #all-opening-hours flex
  div container mx-auto px-4 relative MD text-left
    div py-4 text-sm
      div flex flex-wrap -mx-4 items-center
        > Pt-Scope - Legal div v-scope px-4 py-2 w-full MD flex-1
```

# Islands Architecture

The screenshot illustrates a web development environment using a component-based architecture. On the left, a preview window shows a landing page for "PROZONE CHAIR". The page features a large yellow armchair image, a "PROZONE CHAIR" logo, and a "Top-down hydration" section. Below the main image is a block of placeholder text: "Lorem ipsum dolor sit amet, consectetur adipiscing elit. Phasellus pulvinar faucibus neque, nec rhoncus nunc ultrices sit amet." On the right, a component tree view shows the hierarchical structure of the page. A circled '1' highlights a specific node under the "body" element.

```
INDEX-GLOBAL-APP.HTML.html
  body font-light A
    Pt-App script | import { createApp }...
    > Pt-Component - All Opening Hours template#component-all-opening-hours
      header bg-secondary-500 relative
        div container mx-auto relative
          nav flex flex-wrap items-center justify-between p-4
            > Pt-Scope - Today's Opening Hours div v-scope #todays-opening-hours
      main
        section bg-secondary-500 relative A
          div container mx-auto pb-24 pt-24 px-4 relative
        section bg-secondary-100 py-12 A
          div container mx-auto px-4 relative
            > Pt-Scope - Subscribe To Deals div v-scope py-8
              div container mx-auto px-4
                div mx-auto SM w-9/12 XL w-8/12
                  form
                    div flex justify-center pt-2 w-full
      footer bg-opacity-90 font-light pt-12 text-center A
        div container mx-auto px-4 py-6 relative
          > Pt-Scope - All Opening Hours div v-scope #all-opening-hours flex
      div container mx-auto px-4 relative MD text-left
        div py-4 text-sm
          div flex flex-wrap -mx-4 items-center
            > Pt-Scope - Legal div v-scope px-4 py-2 w-full MD flex-1
```

# Wordpress + Progressive Hydration

The screenshot shows the Pinegrow interface with a responsive design preview and a code editor.

**Pinegrow UI Components:**

- File Bar:** File, Edit, Page, Components, WordPress, Frameworks, Window, Support, + Insert, zoom controls, and various icons.
- Preview Area:** Shows a mobile view of a website with a header "PROZONE CHAIR" and a date "Friday 12–10 pm".
- Code Editor:** Displays the following Vue.js code:

```
1 <script type="module" data-pg-name="App-Petite Vue" wp-no-enqueue>
2   import { createApp } from 'https://unpkg.com/petite-vue?module'
3
4   const state = {
5     // state exposed to all expressions within v-scope regions
6     weekDays: [
7       'Sunday 9 am–10 pm',
8       'Monday Closed',
9       'Tuesday 12–10 pm',
10      'Wednesday 12–10 pm',
11      'Thursday 12–10 pm',
12      'Friday 12–10 pm',
13      'Saturday 9 am–10 pm',
14    ],
15    get todaysOpeningHours() {
16      return this.weekDays[new Date().getDay()]
17    },
18    AllOpeningHours() {
19      return {
20        $template: '#component-all-opening-hours'
21      }
22    }
23  
```

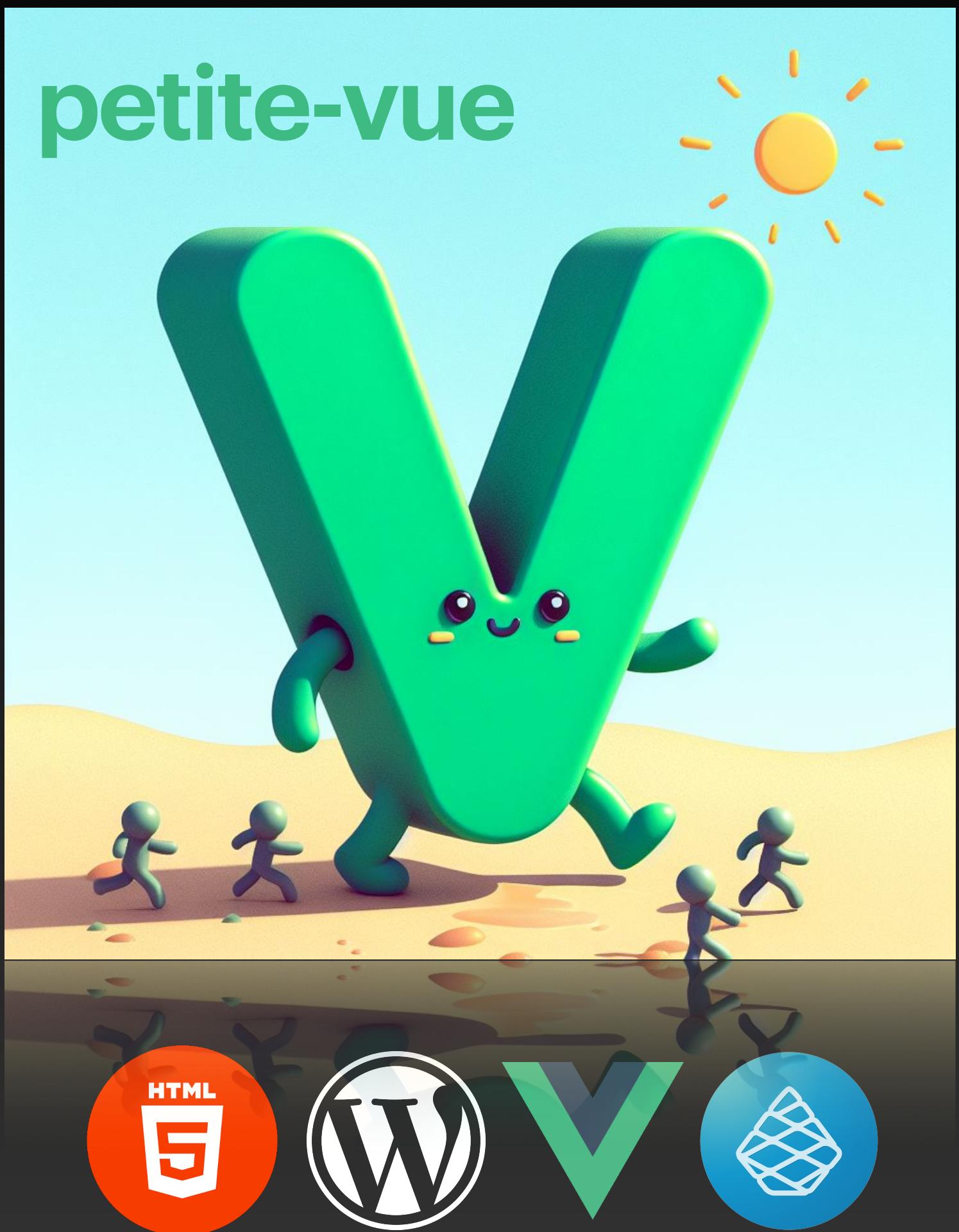
A pink arrow points from the `wp-no-enqueue` attribute in the script tag to the **Do Not Enqueue** section in the right sidebar.

**Right Sidebar (WordPress Actions):**

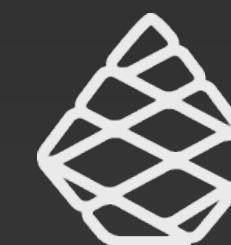
- Do Not Enqueue** (highlighted with a pink arrow)
- ALL WORDPRESS ACTIONS**
- enqueue** (highlighted with a pink arrow)
- SITE WordPress**
- Enqueue Script / wp\_enqueue\_script**
- Enqueue Style / wp\_enqueue\_style**
- Do Not Enqueue**

**Callouts:**

- Inline Module Script - Do Not Enqueue** (blue box)
- Imported Module Script - TODO -** (blue box)



# PROGRESSIVE ENHANCEMENT OF HTML WITH STANDARD-VUE (3)



pinegrow

<http://pinegrow.com>

# Vue petite-vue (or) standard-vue? ▼

1. Both - load from CDN, no “build step”.
2. DOM-based vs Virtual DOM (vue-devtools support).
3. Petite-vue additionally has v-scope & v-effect. Standard vue, has full set of vue directives, all reactivity apis, slots, components, etc
4. Setup - composition api / options api.
5. Use standard-vue if the client-side processing is little heavier than simple interactions.
6. Use standard-vue if templating to export as .vue component.
7. Use standard-vue to use component libraries like Vuetify via cdn.

# Wordpress + Progressive Hydration

The screenshot shows the Pinegrow interface with a responsive design preview and a code editor.

**Pinegrow UI Components:**

- File Bar:** File, Edit, Page, Components, WordPress, Frameworks, Window, Support, + Insert, zoom controls, and various icons.
- Preview Area:** Shows a mobile view of a website with a header "PROZONE CHAIR" and a date "Friday 12–10 pm".
- Code Editor:** Displays the following Vue.js component code:

```
1 <script type="module" data-pg-name="App-Petite Vue" wp-no-enqueue>
2   import { createApp } from 'https://unpkg.com/petite-vue?module'
3
4   const state = {
5     // state exposed to all expressions within v-scope regions
6     weekDays: [
7       'Sunday 9 am–10 pm',
8       'Monday Closed',
9       'Tuesday 12–10 pm',
10      'Wednesday 12–10 pm',
11      'Thursday 12–10 pm',
12      'Friday 12–10 pm',
13      'Saturday 9 am–10 pm',
14    ],
15    get todaysOpeningHours() {
16      return this.weekDays[new Date().getDay()]
17    },
18    AllOpeningHours() {
19      return {
20        $template: '#component-all-opening-hours'
21      }
22    }
23  
```

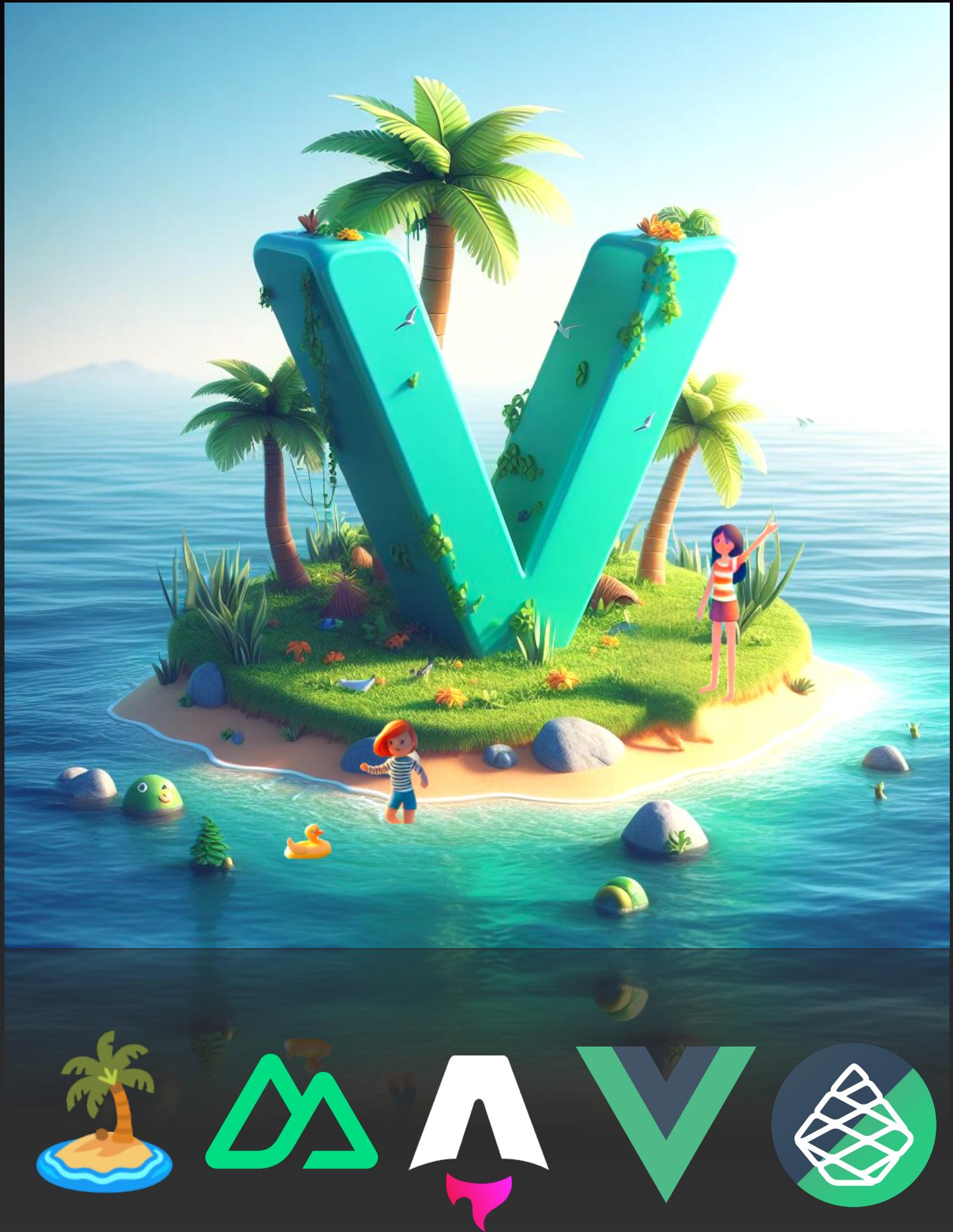
A pink arrow points from the `wp-no-enqueue` attribute in the script tag to the **Do Not Enqueue** section in the right sidebar.

**Right Sidebar (WordPress Actions):**

- Do Not Enqueue** (highlighted with a pink arrow)
- ALL WORDPRESS ACTIONS**
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**Callouts:**

- Inline Module Script - Do Not Enqueue** (blue box)
- Imported Module Script - TODO -** (blue box)



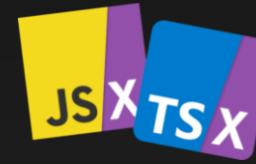
# PROGRESSIVE HYDRATION OF ISLANDS WITH ASTRO, ILES & NUXT (4)



Vue Designer

<https://vuedesigner.com>

# Authoring Components



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HTML-based Syntax

JSX

DSLs - Domain specific languages

# Authoring Experience

	Iles, Nuxt & Quasar	Vitepress	Astro 
Components	Vue SFC	Vue SFC	.astro, vue, svelte, jsx/tsx (multi-frameworks)
Layouts	Vue SFC	Vue SFC	.astro
Pages	Vue SFC, markdown	Markdown with config-driven & customizable theme	.astro, markdown

# Component Islands

Dynamic & Static Islands

	Iles  	Nuxt 
<b>Hydration (JS)</b>	Explicitly opt-in	Optionally opt-out
<b>Beliefs</b>	Static is default	Dynamic is default
<b>Islands</b>	Dynamic Islands in mostly static surroundings	Static Islands in mostly dynamic surroundings
<b>Manage By</b>	Client directives	Server components
<b>How</b>	<code>client:load</code> <code>client:idle</code> <code>client:visible</code> <code>client:media</code> <code>client:none</code>	<code>BlogPost.server.vue</code>
<b>JS shipped to browser</b>	Helps with not shipping JS or to hydrate conditionally	Helps with not shipping JS at all to the browser

## Hydration

- DOM is made interactive
- Event listeners are registered
- Reactive data gets active, etc

**Dynamic & Static in this context means hydration or not (javascript)**

A guide to Nuxt Server Components

<https://roe.dev/blog/nuxt-server-components>

- by Daniel Roe

# Thank You



*Share your feedback, like, subscribe, bell icon., etc!*



pinegrow

<http://pinegrow.com>



Vue Designer

<https://vuedesigner.com>