Today's Goal:

Learn how to use Clay v3.x

Logistics

- 🙋 Raise your hand to ask and answer questions. Feel free to make relevant comments as well!

- 💬 Feel free to create an issue on the github repo(questions, comments, etc).

- 👋 Flag down Chema or raise your hand if you get stuck.

Workshop Project

Codesandbox:

codesandbox.io/s/2019-devcon-clay-start-smjs6

Repo:

github.com/bryceosterhaus/clay-devcon-2019

What is Clay?

This is Clay

A Web Implementation of Lexicon Experience Language

Get Started

Download

Lexicon

An Experience Language for Crafting Beautiful UI

Get Started

Liferay.Design / Lexicon

Get Started

Foundations   >

Patterns   >

Components   ∨

    Alerts

    Badges

    Buttons

    Cards   >

    Charts   >

    Confirmation Message

    Dataset Display

    Dropdown Menu

    Empty States

    Forms   >

    Icons

    Labels

Buttons

Sign In

VIEW IN CLAY

Buttons communicate an action to happen on user interaction.

[Done] [+]   [Cancel] [🔔]   Clear

Types

Primary

The primary button is always used for the most important actions. Two primary actions can't be near each other.

[Done]

Secondary

The secondary button is always use for secondary actions. Several secondary actions can be near by each other.

Lexicon ⟶ **css** ⟶ **react.js**

@clayui/css   @clayui/*

Clay

Search... 🔍

Docs Blog Storybook ⊙

Clay v3: Introducing the new React Components

October 25, 2019 by Matuzalém Teles and Bryce Osterhaus

We are pleased to announce the official release of Clay v3.0! This was a big change for us, involving a lot of structural changes, delivery methodologies, and rewriting out components in React.

You can see our quick start guide that will help you get started with Clay.

New Site
React Components
    New Components
    Principles
Deprecation warning for Clay v2
Release Process

What's new with Clay?

v2.x / v3.x

2.x

- Javascript + Soy
- Metal.js
- Published under "clay-*"

Pros:

- SSR w/ java
- Internally built

Cons:

- Lack of community
- Not very re-usable
- Lack of paradigm

3.x

- Typescript + JSX
- React.js (w/ hooks)
- 36 Available Packages
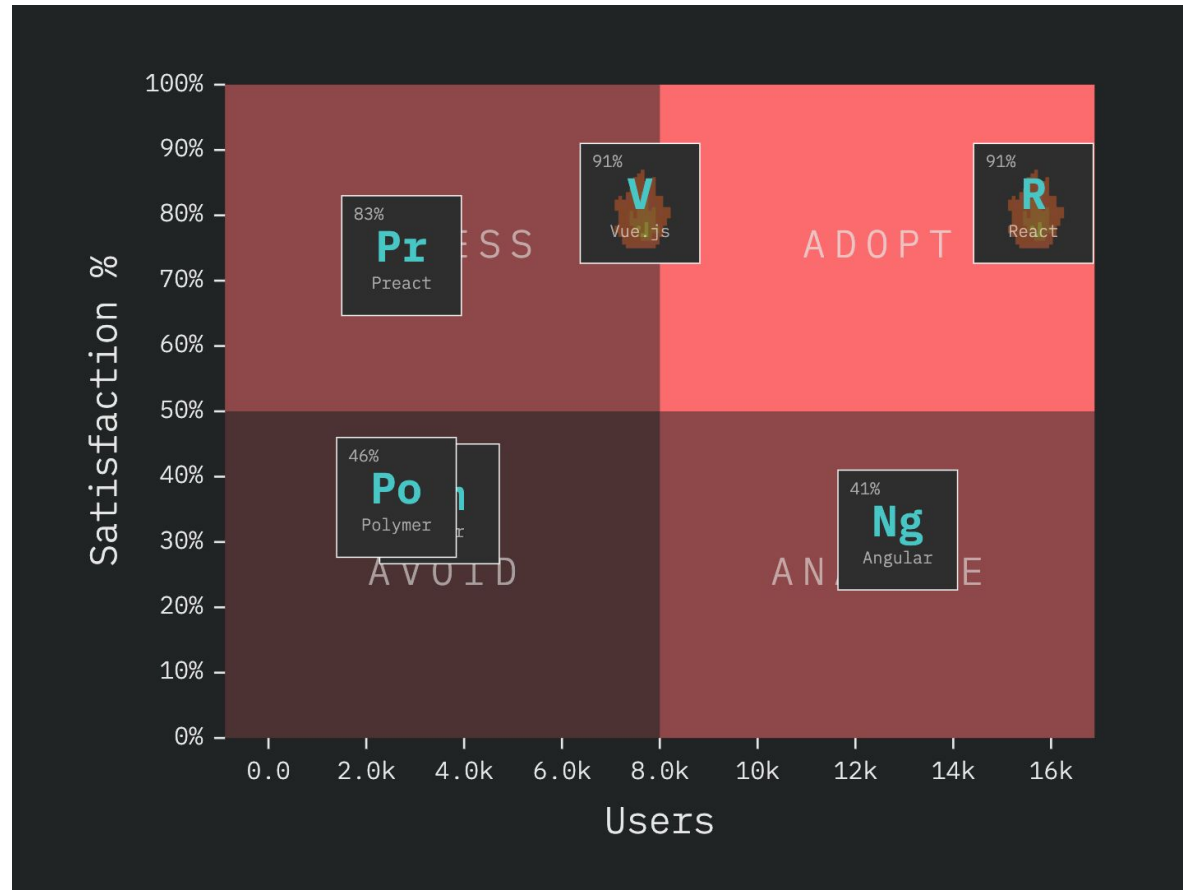 - Published under "@clayui" npm scope

Pros:

- Community & Documentation
- **High usage and satisfaction rates**
- **Composable & Re-usable**

Cons:

- No SSR with Java

High Satisfaction

https://2018.stateofjs.com/front-end-frameworks/conclusion/

Composability

```
function WelcomeDialog() {
  return (
    <FancyBorder color="blue">
      <h1 className="Dialog-title">
        Welcome
      </h1>
      <p className="Dialog-message">
        Thank you for visiting our spacecraft!
      </p>
    </FancyBorder>
  );
}
```
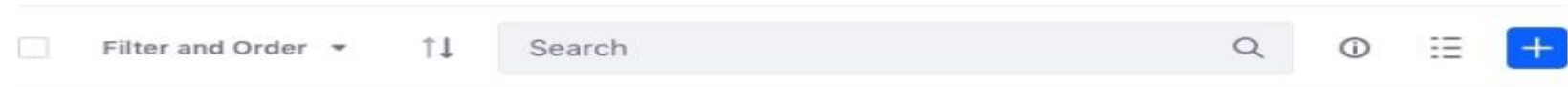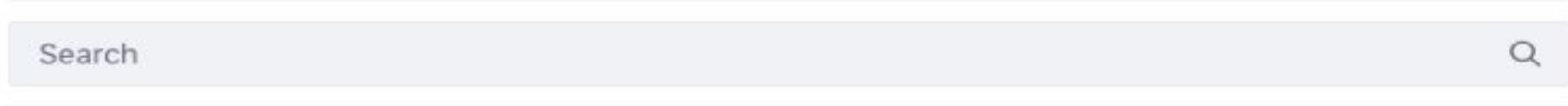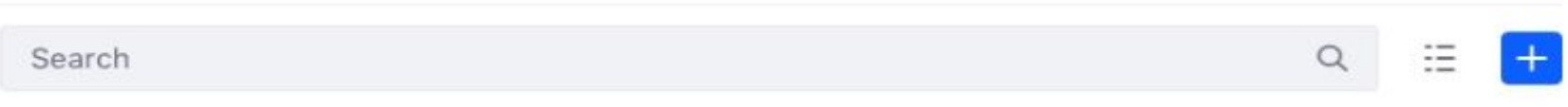
Management Toolbar

A)

B)

C)

D)

E)

```
{call ClayManagementToolbar.render}
    {param defaultEventHandler: $defaultEventHandler /}
    {param actionItems: $actionItems /}
    {param active: $active /}
    {param checkboxStatus: $checkboxStatus /}
    {param clearResultsURL: $clearResultsURL /}
    {param clearSelectionURL: $clearSelectionURL /}
    {param contentRenderer: $contentRenderer /}
    {param creationMenu: $creationMenu /}
    {param customData: [
        'searchData': $searchData
    ] /}
    {param disabled: $disabled /}
    {param elementClasses: $elementClasses /}
    {param events: [
        'clearSelectionButtonClicked': $_handleClearSelectionButtonClicked,
        'creationMenuMoreButtonClicked': $_handleCreationMenuMoreButtonClicked,
        'filterLabelCloseClicked': $_handleFilterLabelCloseClicked,
        'selectPageCheckboxChanged': $_handleSelectPageCheckboxChanged,
        'selectAllButtonClicked': $_handleSelectAllButtonClicked,
    ] /}
    {param filterItems: $filterItems /}
    {param filterLabels: $filterLabels /}
    {param id: $id /}
    {param ref: 'managementToolbar' /}
    {param searchActionURL: $searchActionURL /}
    {param searchFormMethod: $searchFormMethod /}
    {param searchFormName: $searchFormName /}
    {param searchInputName: $searchInputName /}
    {param searchValue: $searchValue /}
    {param selectable: $selectable /}
    {param selectAllURL: $selectAllURL /}
    {param selectedItems: $selectedItems /}
    {param showAdvancedSearch: $showAdvancedSearch /}
    {param showCreationMenu: $showCreationMenu /}
    {param showFiltersDoneButton: $showFiltersDoneButton /}
    {param showInfoButton: $showInfoButton /}
    {param showResultsBar: $showResultsBar /}
    {param showSearch: $showSearch /}
    {param showSelectAllButton: $showSelectAllButton /}
    {param sortingOrder: $sortingOrder /}
    {param sortingURL: $sortingURL /}
    {param spritemap: $spritemap /}
    {param supportsBulkActions: $supportsBulkActions /}
    {param totalItems: $totalItems /}
    {param viewTypes: $viewTypes /}
{/call}
```

```jsx
<ClayManagementToolbar>
    <ClayManagementToolbar.ItemList>
        <ClayManagementToolbar.Item>
            <ClayCheckbox checked={false} onChange={() => {}} />
        </ClayManagementToolbar.Item>

        <ClayManagementToolbar.Item>
            <ClayButton
                className="nav-link nav-link-monospaced order-arrow-down-active"
                displayType="unstyled"
                onClick={() => {}}
            >
                <ClayIcon
                    spritemap={spritemap}
                    symbol="order-arrow"
                />
            </ClayButton>
        </ClayManagementToolbar.Item>
    </ClayManagementToolbar.ItemList>

    <ClayManagementToolbar.Search showMobile={searchMobile}>

    </ClayManagementToolbar.Search>

    <ClayManagementToolbar.ItemList>
        <ClayManagementToolbar.Item className="navbar-breakpoint-d-none">
            <ClayButton
```

Documentation?

v2.clayui.com

clayui.com

Clay

Get Started   Components Library

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Get Started

⬇ Download

Clay

A Web Implementation of Lexicon Experience Language

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Resources

- Lexicon Homepage: https://liferay.design/lexicon/

- Docs & Clay Homepage: https://clayui.com/

- Clay Repo: https://github.com/liferay/clay

- Demos: https://storybook.clayui.com/

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