



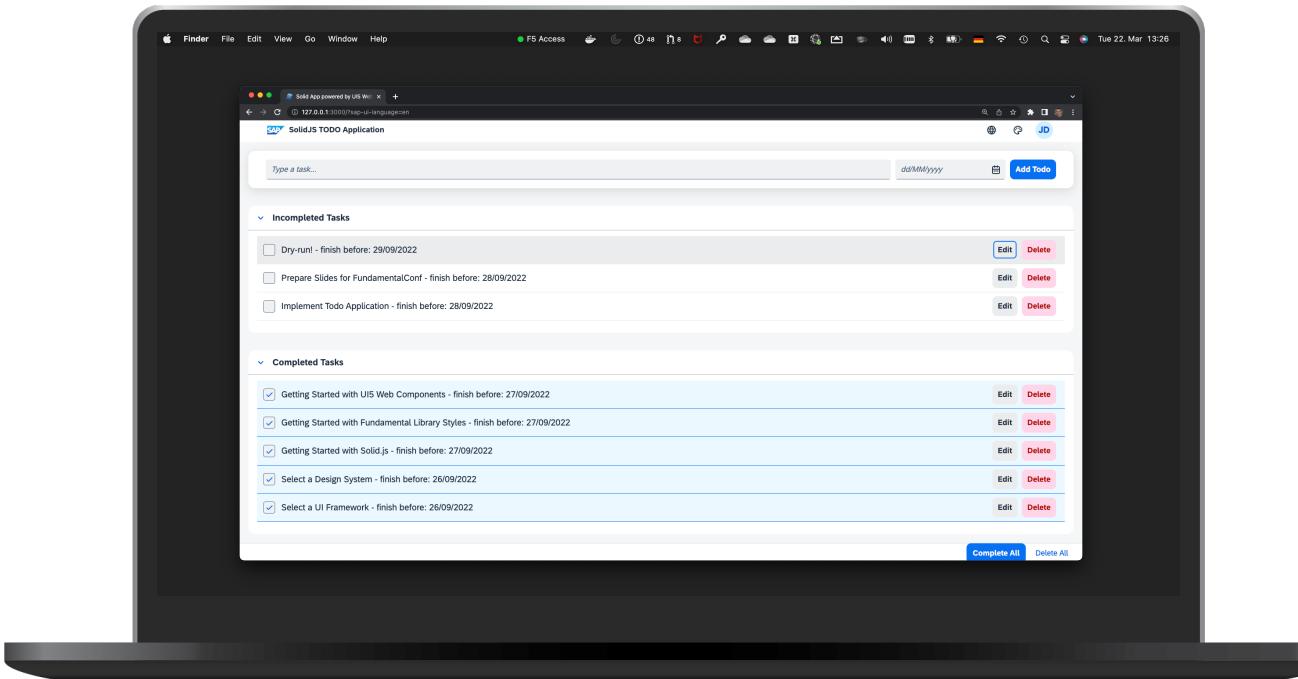
Framework-agnostic Web Development

Mladen Droshev & Peter Muessig

September 29th, 2022

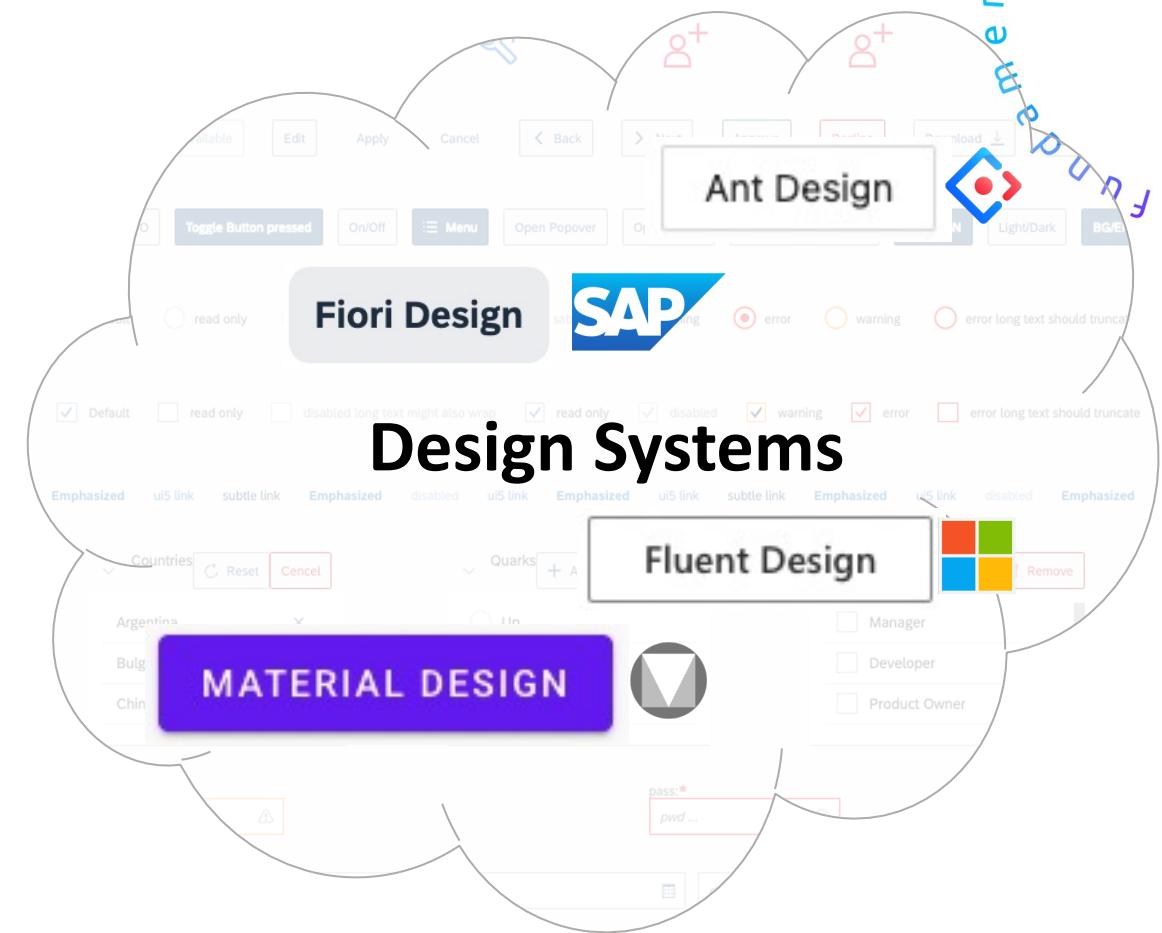
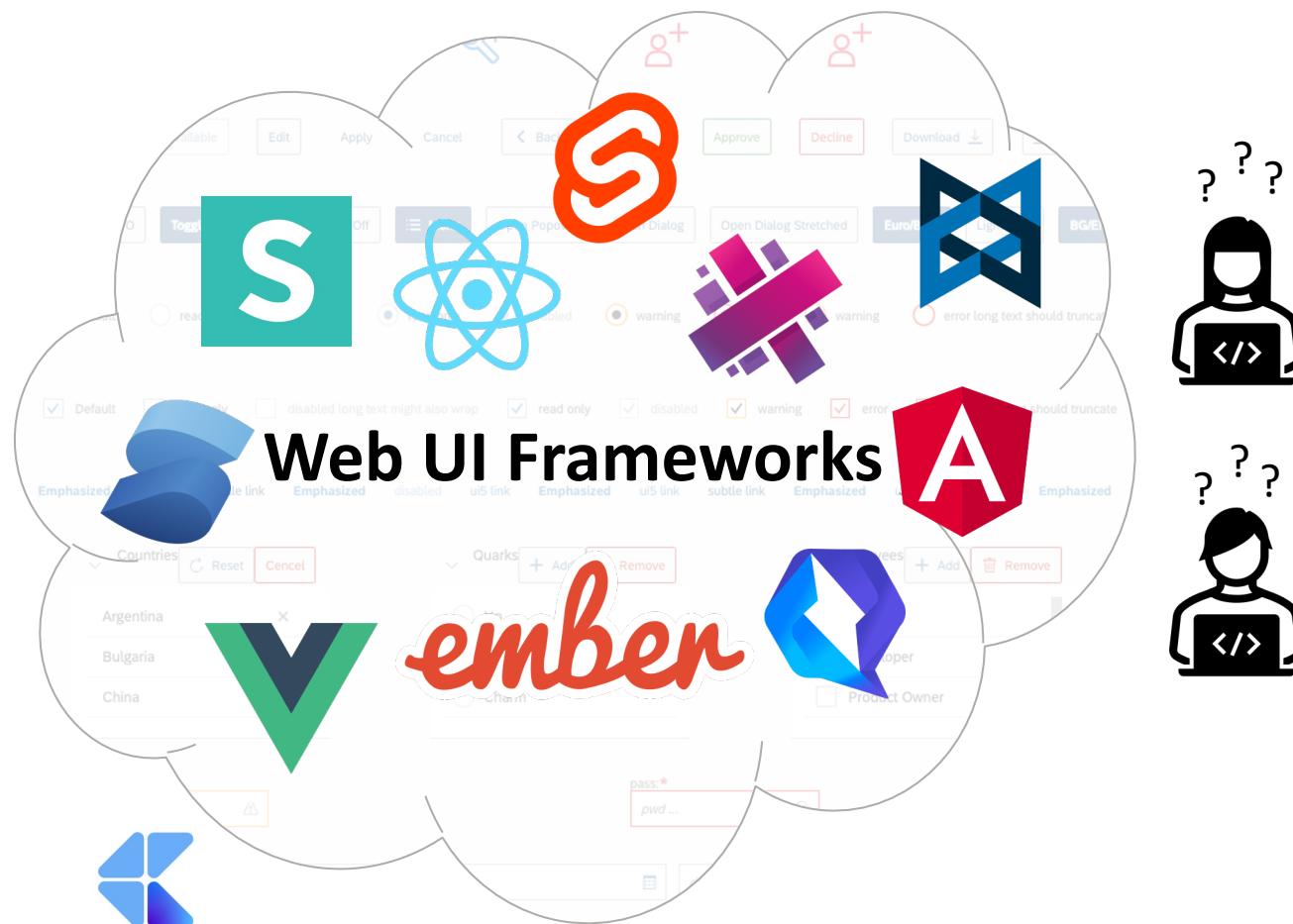


Goal: Implement a Todo Application!



Fundamental Conf

The Agony of Choice!



Agony / Confusion

State of JavaScript

stateofjs.com/en-us/

Other Surveys: [State of CSS](#) [State of GraphQL](#)

State of JavaScript

The annual developer survey of the JavaScript ecosystem

MOST RECENT

2021

STATE OF

2021

[View Questions](#) [View Results](#)

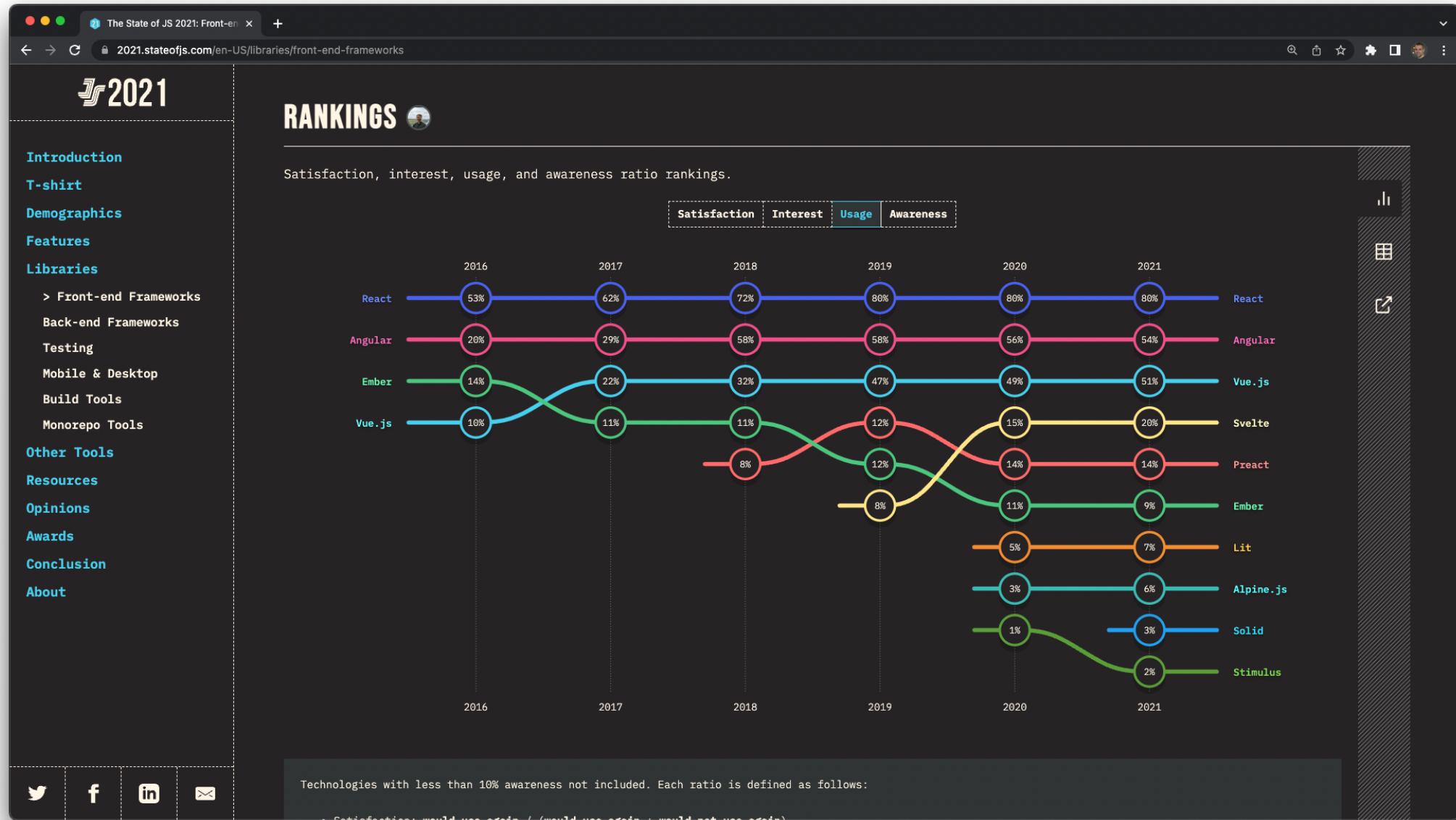
The JavaScript world could use a bit of classification.

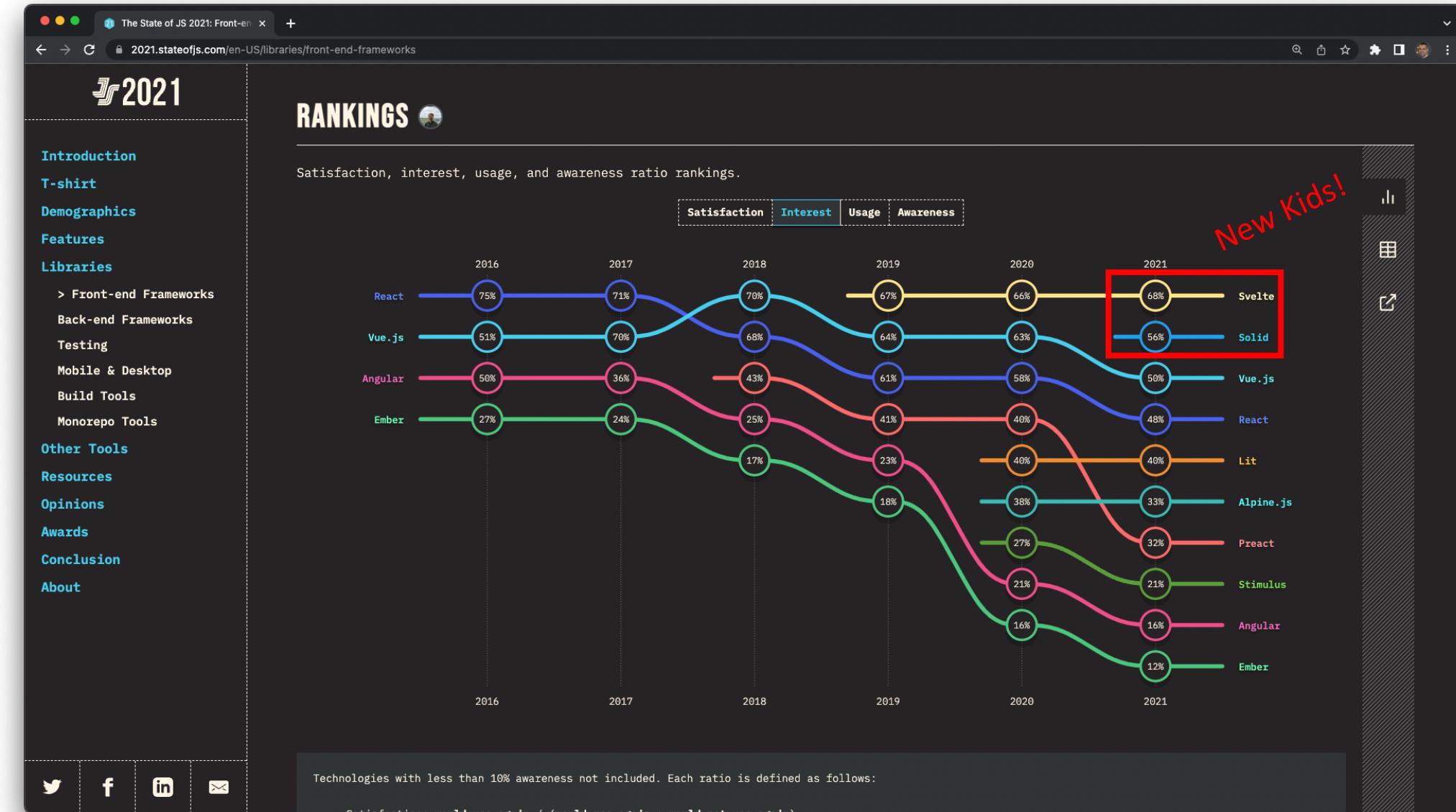
Since 2016, this survey has collected data from over 20,000 developers each year to identify current and upcoming trends.



fundamental conf

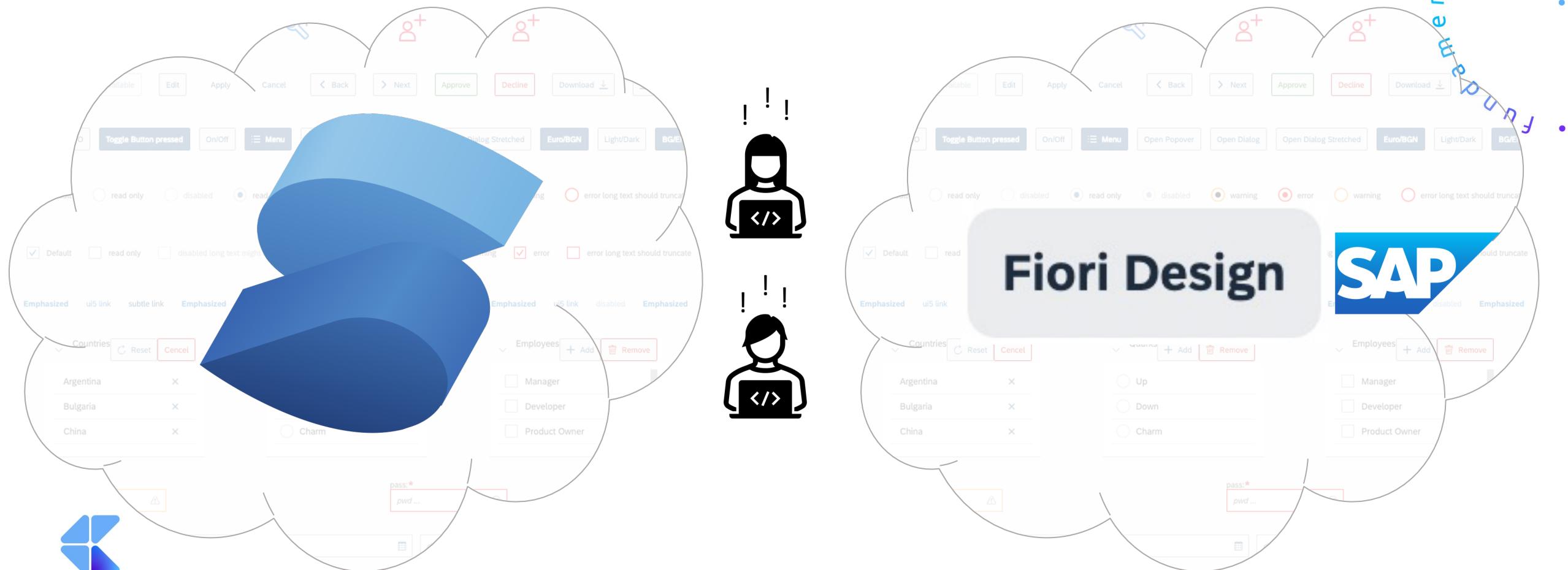
fullstack conf



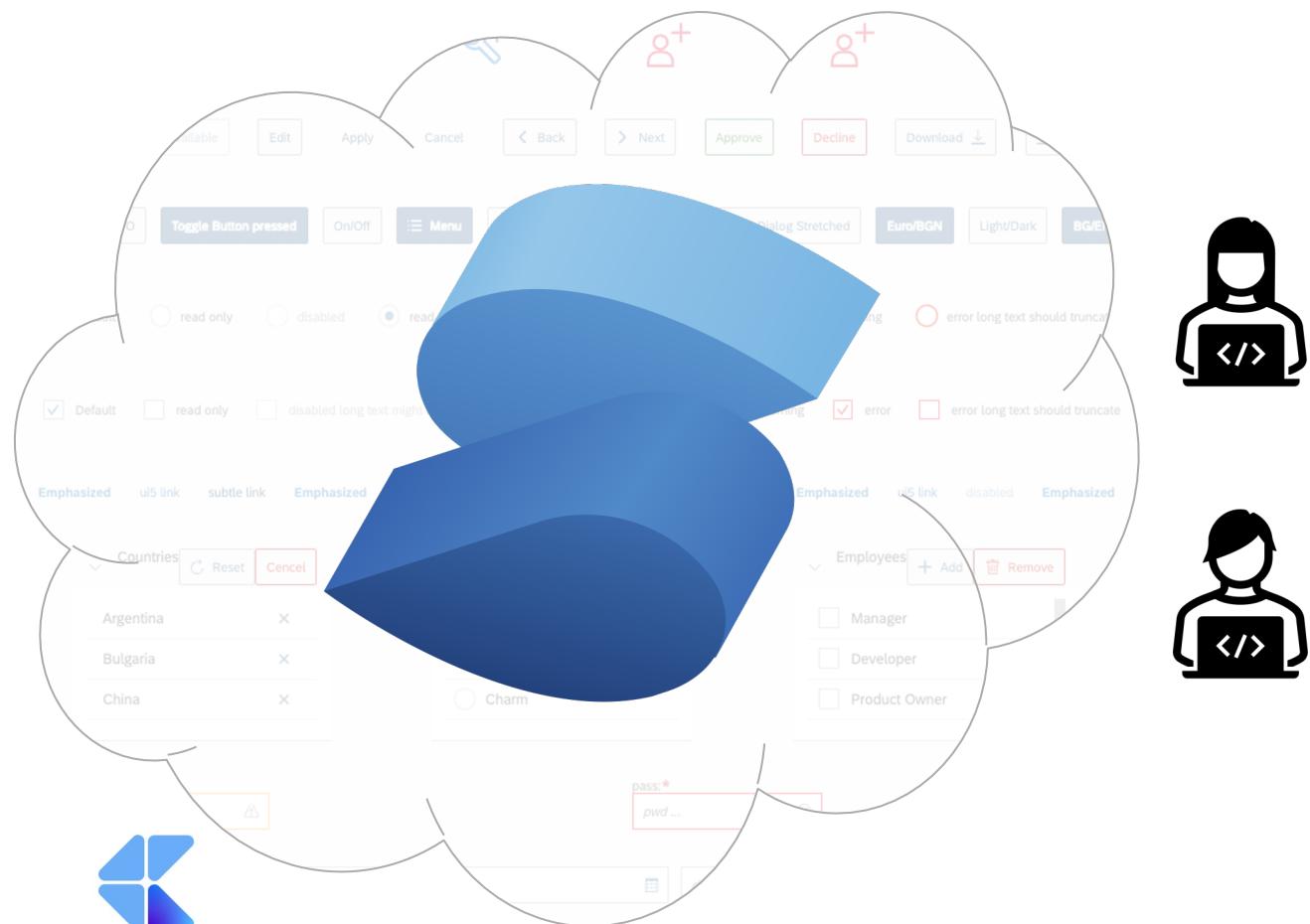


Front-end conf

Decision Made: SolidJS! And now?



Can we apply the Fiori Design to Solid.js?



Fundamental Library Styles

- CSS Library (visual)
 - Components
 - Layouts
 - Helpers

SAP Fiori Design

Apache 2.0 License

A screenshot of a Mac OS X desktop showing the SAP Fiori Fundamental Library Styles application. The window title is 'Fundamental Library'. The sidebar on the left lists various UI components under 'Components' such as Action Bar, Action Sheet, Avatar Group, Avatar, Bar, Breadcrumb, Busy Indicator, Button, Carousel, Card, Calendar, Form, Code, Counter, Dialog, Feed Input, Feed List and Item, File Uploader, Generic Tiles, Icon Tab Bar, Icons, Illustrated Message, Info Label, Link, and Grid List. The 'Button' component is currently selected. The main content area displays a 'Button' section with tabs for Default Button, Emphasized Button (which is selected), Ghost Button, Positive Button, Negative Button, and Attention Button. Below the tabs, there is a preview of a 'Transparent Button' and a code editor containing the HTML and CSS code for the selected button type. The code editor shows the following HTML structure:

```
<div class="fd-docs-container fd-docs-button-container">
<button class="fd-button">Default Button</button>
<button class="fd-button fd-button--emphasized">Emphasized Button</button>
<button class="fd-button fd-button--ghost">Ghost Button</button>
<button class="fd-button fd-button--positive">Positive Button</button>
<button class="fd-button fd-button--negative">Negative Button</button>
<button class="fd-button fd-button--attention">Attention Button</button>
<button class="fd-button fd-button--transparent">Transparent Button</button>
</div>
```

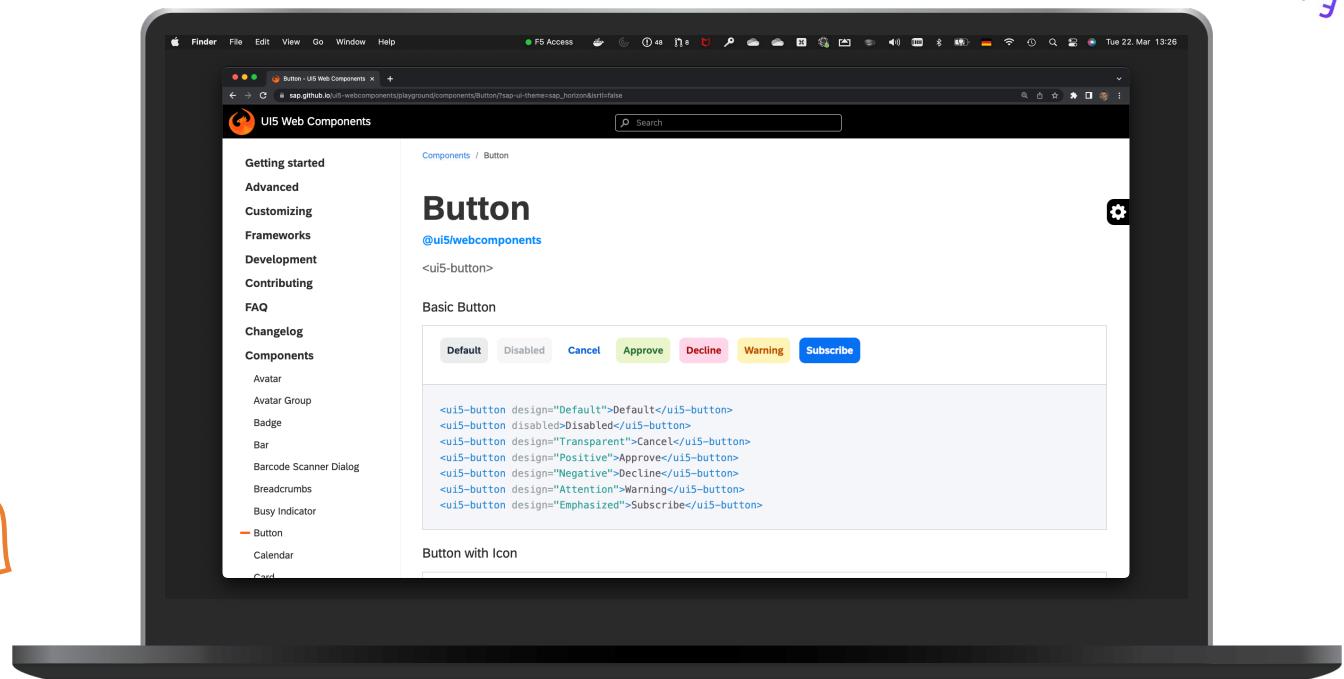
The SAP Fiori logo watermark is visible diagonally across the slide.

UI5 Web Components

- Component Library
(visual and behavior)
 - Components
 - Containers
 - Helpers (i18n, config, theming, ...)

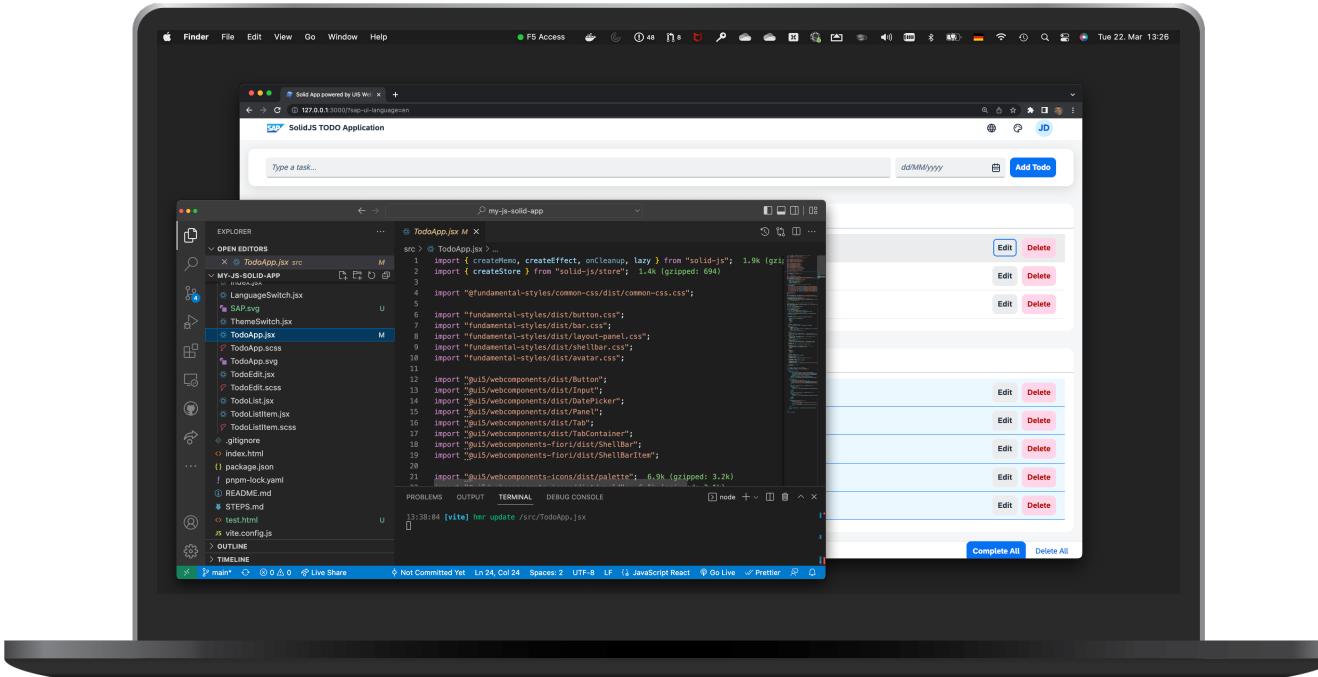
SAP Fiori Design

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Componental configuration

Let's code! 0 1 0 1



fundamental
update

Wrap-Up

Fundamental conf

Two Libraries, Different Purpose, One Goal!



Both together build a perfect symbiosis!





Thank You!

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