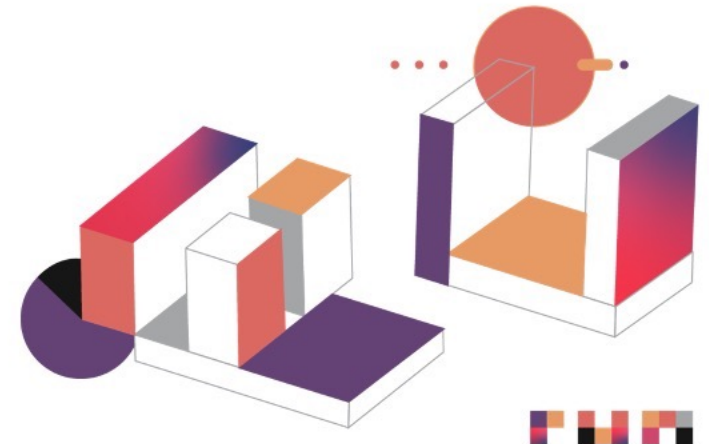




Fundamental Library

Mladen Droshev, Fundamental Library Lead
SAP







Creating Harmonized User Experience

Fundamental Library

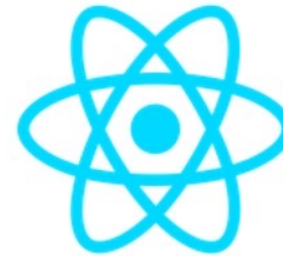
- **open source** and **community driven** project
- provide a **consistent** user interface across web applications.
- set of federated **libraries**
- cover the most common UI components, patterns and layouts.
- no needing to change the frontend framework or library
- **theming** support



Styles



Angular



React



Vue



Fundamental
Conference



```
<button fd-button  
  label="Fusion Button"  
  [fdType]='fusion-secondary-pill">  
</button>
```



Button

Fundamental Library



```
<button>Add to Card</button>
```

Add to Card

```
<button fd-button  
  label="Fusion Button"  
  [fdType]=" 'fusion-secondary-pill' ">  
</button>
```

Fusion Button



Fundamental
Conference

Button

Fundamental Library



```
<button>Add to Card</button>
```

Add to Card

```
<button class="fd-button">Add to Card</button>
```

Add to Card

```
<button fd-button  
  label="Fusion Button"  
  [fdType]="'fusion-secondary-pill'">  
</button>
```

Fusion Button



Fundamental
Conference

Wizard

Fundamental Library for Angular (a.k.a. Fundamental NGX)




```
<fdp-wizard-generator  
  [items]="stepItems"  
  [title]="wizardTitle"  
  (wizardFinished)="wizardFinished($event)">  
</fdp-wizard-generator>
```

A screenshot of a wizard interface with four steps: 1. Product type, 2. Customer information, 3. Credit Card Details, and 4. Discount. The first step, '1. Product Type', is currently active and highlighted with a blue underline. Below the step title, there is a label 'Select appropriate product type *' followed by a dropdown menu with the text 'Select appropriate product type' and a blue chevron icon. At the bottom left of the active step, there is a blue button labeled 'Next Step'.

1 Product type — 2 Customer information — 3 Credit Card Details — 4 Discount

1. Product Type

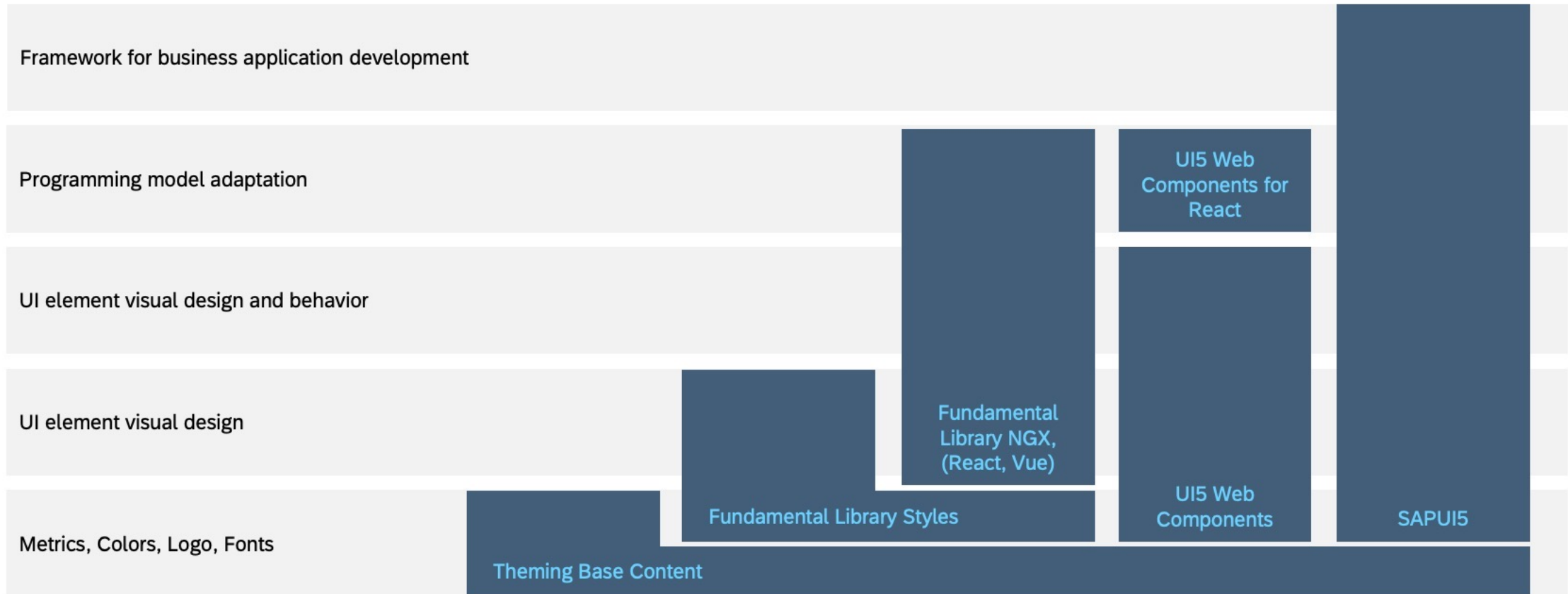
Select appropriate product type *

Select appropriate product type 

Next Step

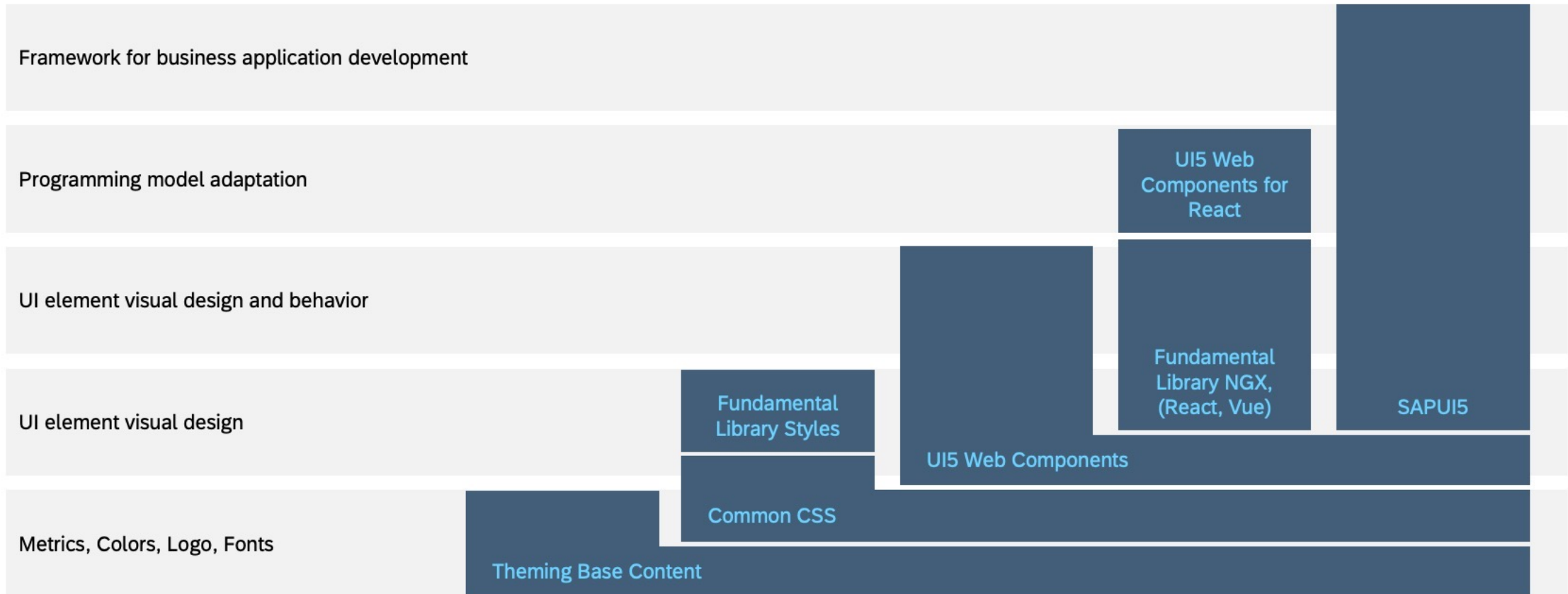
SAP BTP UI Technology Options

Current UI Technologies harmonized to achieve visual consistency and theming support



SAP BTP UI Technology Options

Streamline our UI Technologies to achieve the greatest possible reuse



Roadmap

Fundamental Library Styles



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Roadmap Fundamental Styles

Updated 3 days ago

| 9 Q2 2021 Apr-Jun | 11 Q3 2021 Jul-Aug | 7 Q4 2021 Oct-Dec |
|--|--|--|
| <div><div>• Resizable Card Layout</div><div>#2648 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Extended Busy Indicator</div><div>#2642 opened by droshev</div><div>done roadmap</div></div> | <div><div>☰ dxp support - ongoing</div><div>Added by droshev</div></div> |
| <div><div>• Margins and Paddings</div><div>#2643 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Upload Collection</div><div>#2649 opened by droshev</div><div>done roadmap</div></div> | <div><div>☰ Tree Table</div><div>Added by droshev</div></div> |
| <div><div>• Facets</div><div>#2644 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Icon Tab Bar</div><div>#2640 opened by droshev</div><div>done roadmap</div></div> | <div><div>☰ Object Page</div><div>Added by droshev</div></div> |
| <div><div>• Rich Text Editor</div><div>#2645 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Tool Header</div><div>#2639 opened by droshev</div><div>done roadmap</div></div> | <div><div>☰ Variant Management</div><div>Added by droshev</div></div> |
| <div><div>• Footer</div><div>#2646 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Horizontal Navigation</div><div>#2638 opened by droshev</div><div>done roadmap</div></div> | <div><div>☰ Message and State Icons</div><div>Added by droshev</div></div> |
| <div><div>• User Menu</div><div>#2647 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Micro process flow</div><div>#2652 opened by droshev</div><div>roadmap</div></div> | <div><div>☰ Message View and Message Popover</div><div>Added by droshev</div></div> |
| <div><div>• Fixed Card Layout</div><div>#2641 opened by droshev</div><div>done roadmap</div></div> | <div><div>• Timeline</div><div>#2651 opened by droshev</div><div>in progress roadmap</div></div> | <div><div>☰ Multi Combo vs Multi Input design updates</div><div>Added by droshev</div></div> |
| <div><div>• Vertical Navigation #2349</div><div>#2352 opened by droshev</div></div> | <div><div>• CSS Grid</div><div>#2650 opened by droshev</div></div> | |

Roadmap

Fundamental Library for Angular



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11 Q2 2021 Apr-Jun

+ ...

• Platform Table Phase 4 #4777 ...

#5367 opened by droshev

done

roadmap

• support TNT and BusinessSuiteInAppSymbols icons ...

#5366 opened by droshev

done

roadmap

• Page Footer ...

#5365 opened by droshev

done

roadmap

• Notification ...

#5364 opened by droshev

done

roadmap

• Message Page #5349 ...

#5369 opened by droshev

done

roadmap

• Resizable Card Layout #4964 ...

#5374 opened by droshev

done

roadmap

• Platform Multi Input #5107 ...

#5373 opened by droshev

done

roadmap

• User Menu #4502 ...

16 Q3 2021 Jul-Sep

+ ...

☰ Upload Collection ...

Added by droshev

☰ Angular 12 ...

Added by droshev

☰ Timeline ...

Added by droshev

• Icon Tab Bar ...

#6256 opened by droshev

in progress

roadmap

• Message Page ...

#6255 opened by droshev

done

roadmap

• Resizable Card Layout ...

#6254 opened by droshev

done

roadmap

• Responsive Popover ...

#6253 opened by droshev

done

roadmap

• Core package split in submodules ...

#6252 opened by droshev

done

roadmap

7 Q4 2021 Oct-Dec

+ ...

☰ dxp support - ongoing ...

Added by droshev

☰ Angular 13 ...

Added by droshev

☰ GraphQL support ...

Added by droshev

☰ charting support ...

Added by droshev

☰ metadata card support ...

Added by droshev

☰ Vertical Navigation ...

Added by droshev

• Shell Layout (Shellbar, Tool Header, Vertical Navigation, Horizontal Navigation) ...

#5375 opened by droshev

roadmap

Agenda

| | |
|---|--|
| Tobias Ouwejan | Frontend Tech Choices in 2021 |
| Ramona Biscoveanu | Let's Have Fun with Web Animations! |
| Dmitriy Shekhovtsov | Peace of Mind with Typescript: Angular Edition |
| Intermission | |
| Marius Obert | Web Apps on SAP BTP 101 |
| David Dunne | You Are a Designer. How to Be a Better One |
| Cherihan Hassun | Design Research + Branding Strategy |
| Kalin Milanov | Design Systems and Consistent User Experience |
| Networking Meet and Greet with Fundamental Conference | |
| Jens Steckhan | Take a Minute with Fundamental |
| Rajeev Jamaiyar | Web Components Using Fundamental Library |



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youtube.com/channel/UCkq8zSSBngKze-rUypz0t2w



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