

1. Fundamentals

Introduction to React

Index



Design systems



Modern Javascript



React anatomy



React Ecosystem

Index







React Ecosystem

Design systems



History



Encapsulation



Atomic Design

Design systems





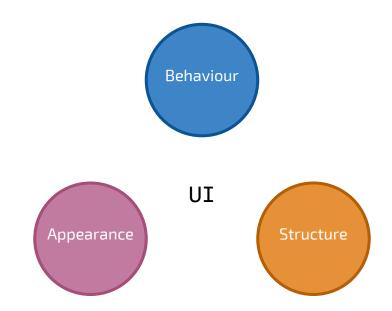


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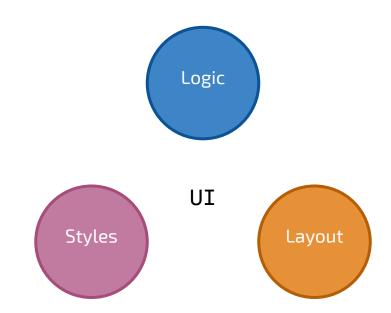
Encapsulation

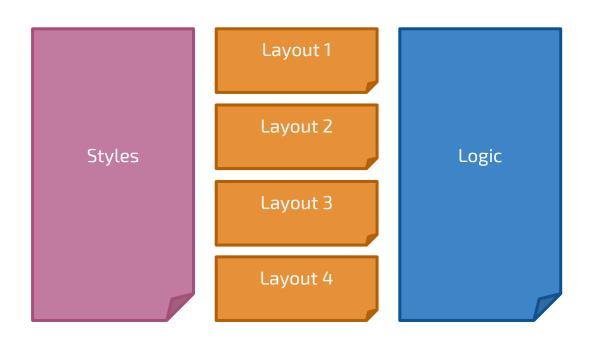
Atomic Design

Design systems – Interface attributes

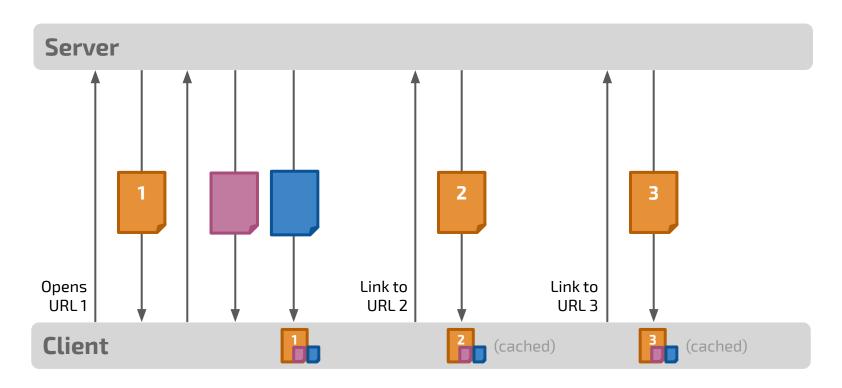


Design systems – Web interface attributes

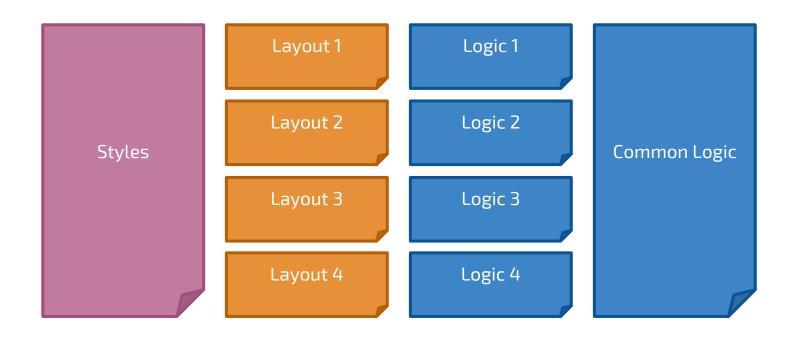




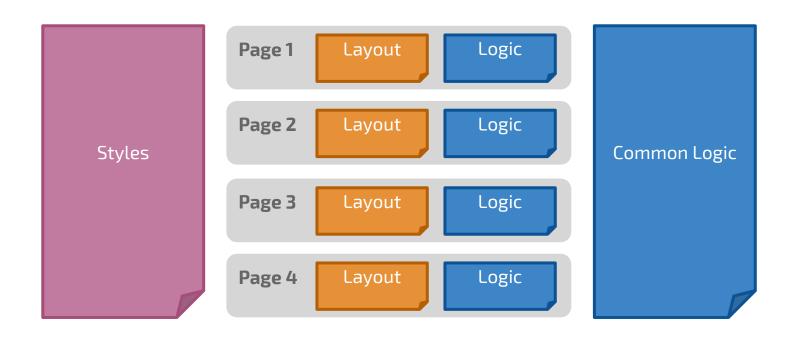














We're not designing pages.
We're designing systems of components."

Stephen Hay - Author of Responsive Design Workflow

Design systems





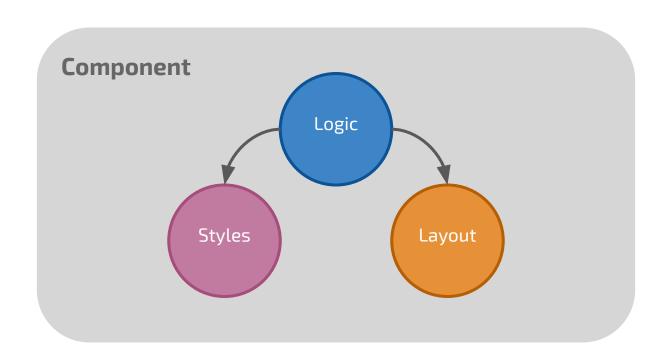


Encapsulation

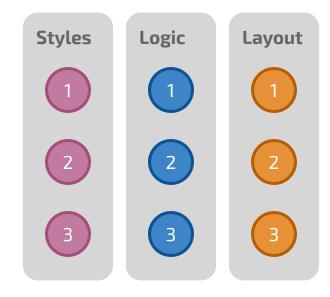


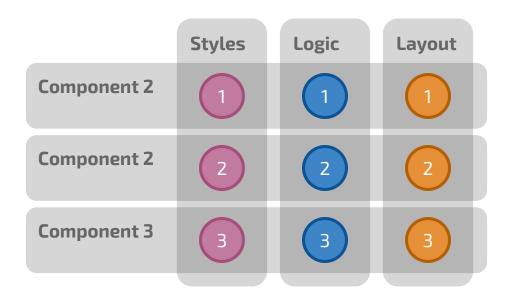
Atomic Design

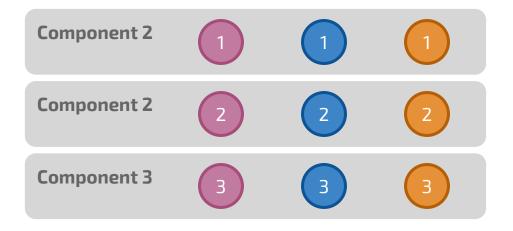


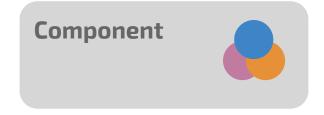




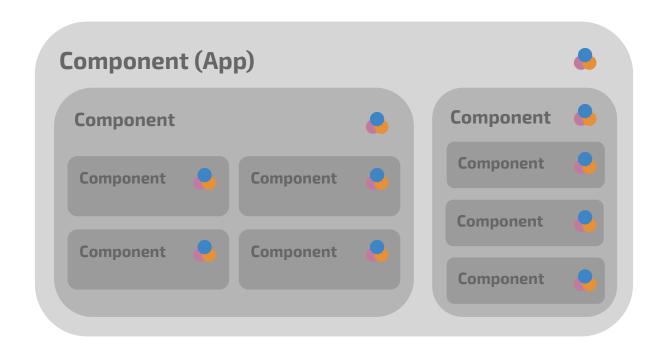




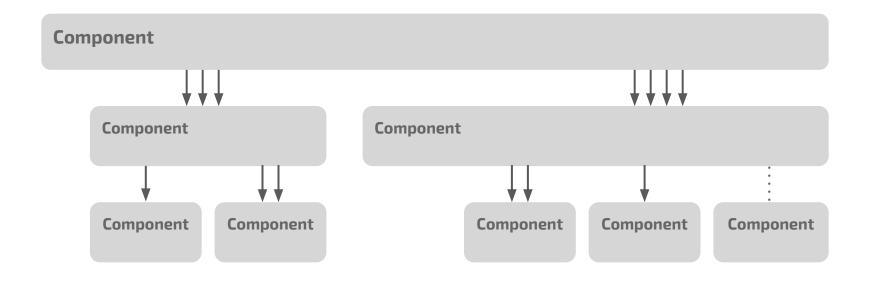




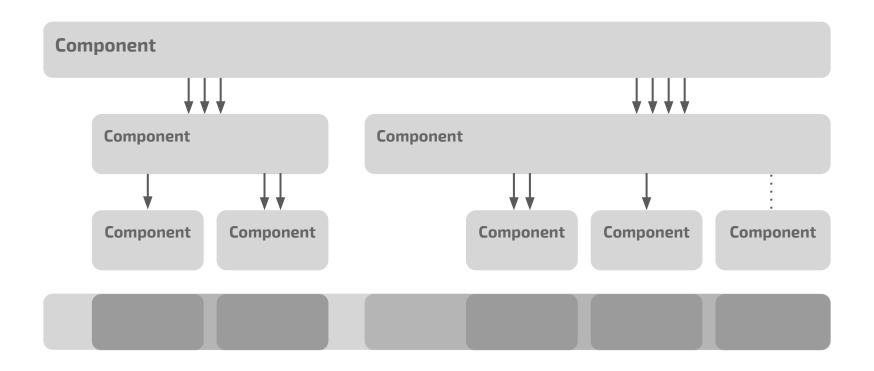












Design systems



History



Encapsulation



Atomic Design

Design systems – Atomic design

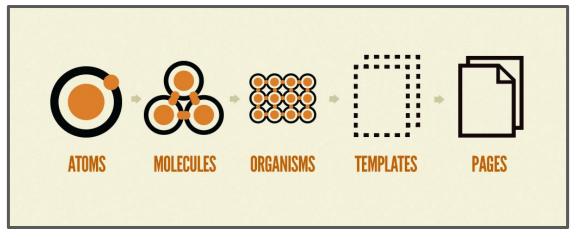


Image from <u>atomicdesign.bradfrost.com</u>

Design systems – Atomic design: Atom

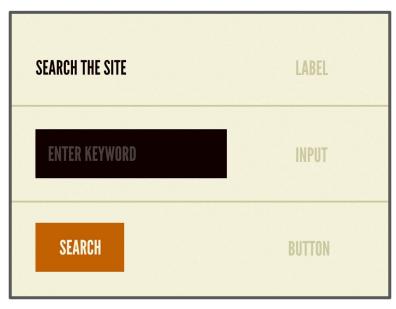


Image from <u>atomicdesign.bradfrost.com</u>

Design systems - Atomic design: Molecule

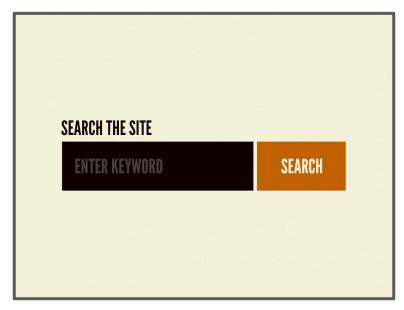
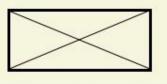


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Home About Blog Contact

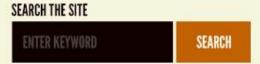


Image from atomicdesign.bradfrost.com

Design systems - Atomic design: Template

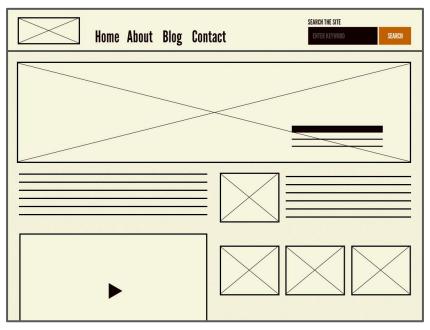


Image from <u>atomicdesign.bradfrost.com</u>

Design systems – Atomic design: Page

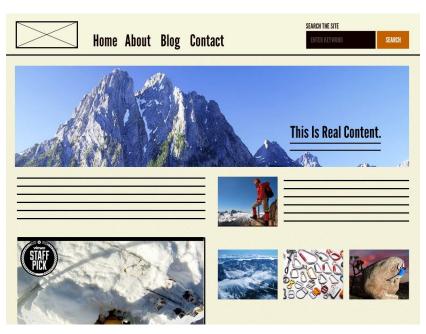


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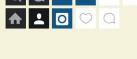


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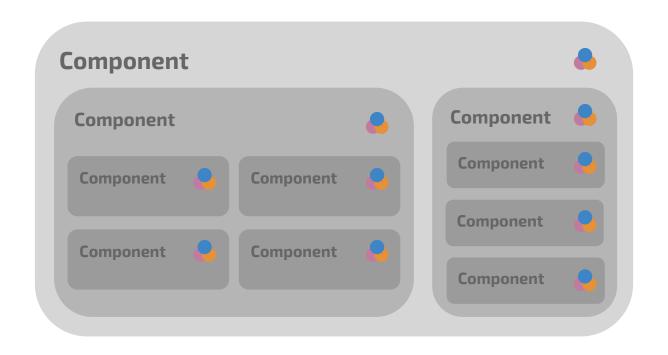




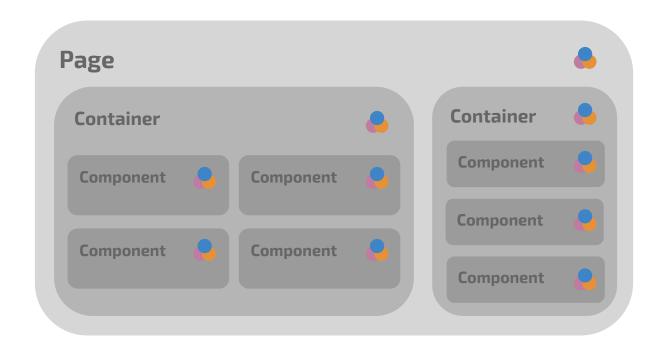












Page: Route

Container: State

Component: Presentation

Index



Design systems



Modern Javascript



React anatomy



Modern Javascript - Syntax



Identifiers



Arrow Functions



String literals



Destructuring



Classes



Modules

Index

- Design systems
- Modern Javascript
- React anatomy
- React Ecosystem





Reconciliation



Renderization



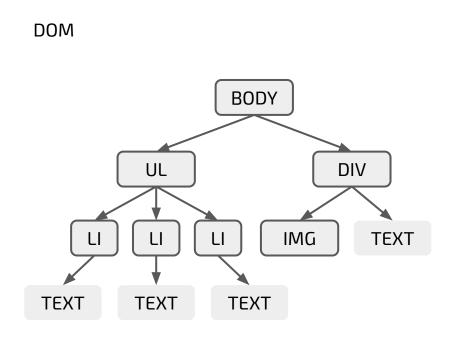


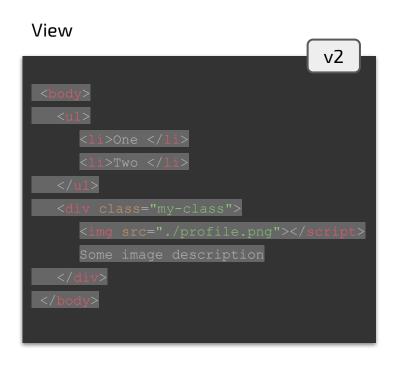


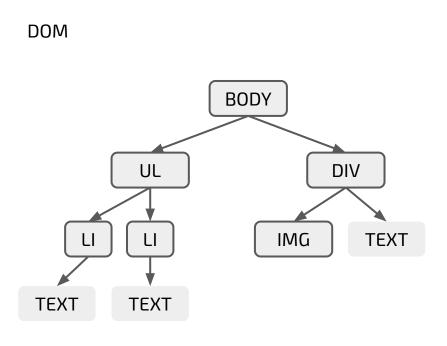
React Anatomy - Reconciliation



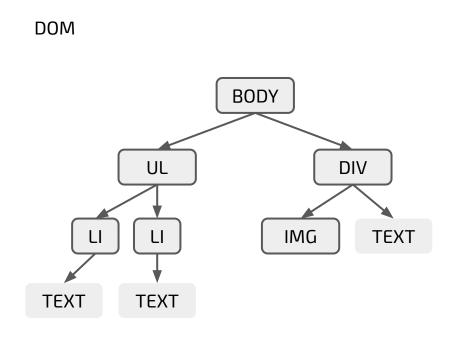
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View
                    v1
   Two
```

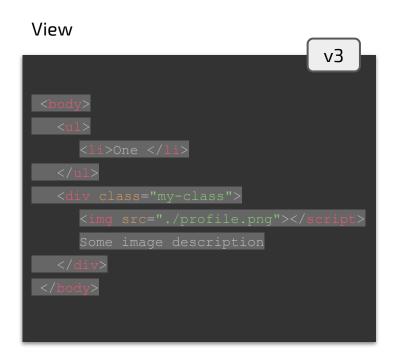


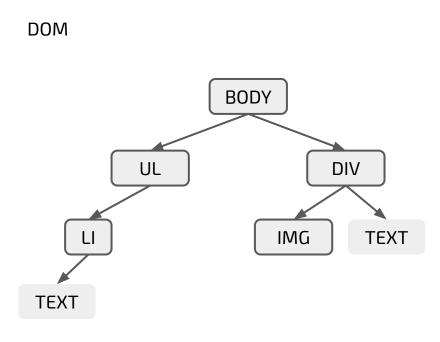




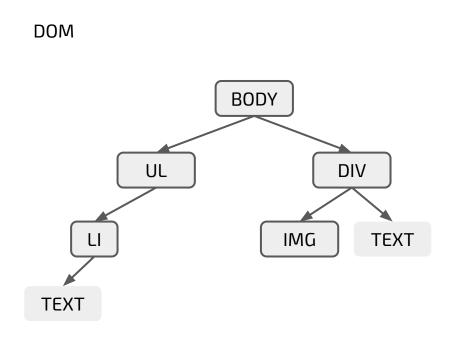
```
View
                   v2
   Two
```



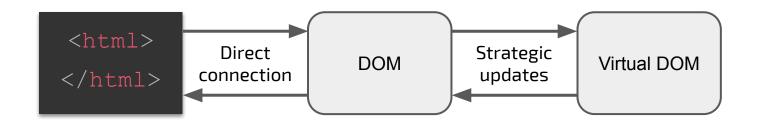




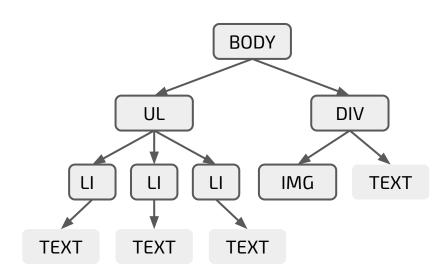
```
View
                              v3
```



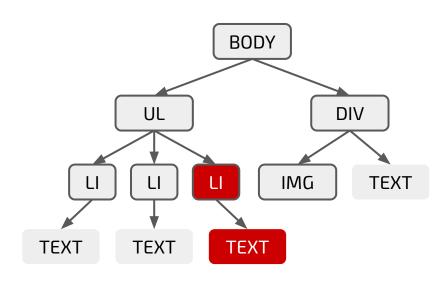
React Anatomy - Reconciliation



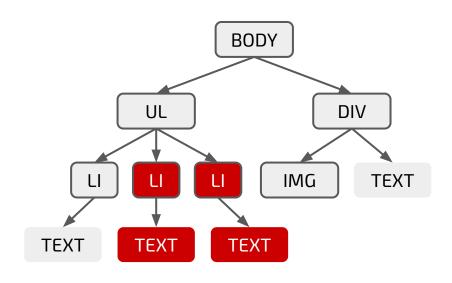
```
View
                               v1
```



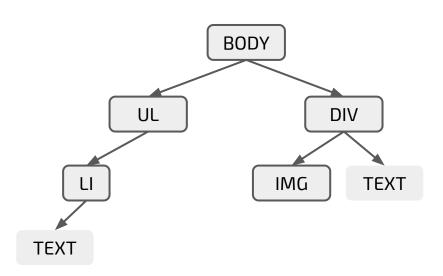
```
View
                               v1
```



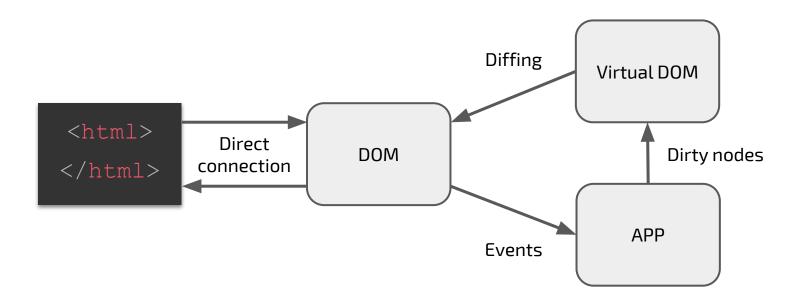
```
View
                               v1
```



```
View
                     v2
   >One
```



React Anatomy - Reconciliation

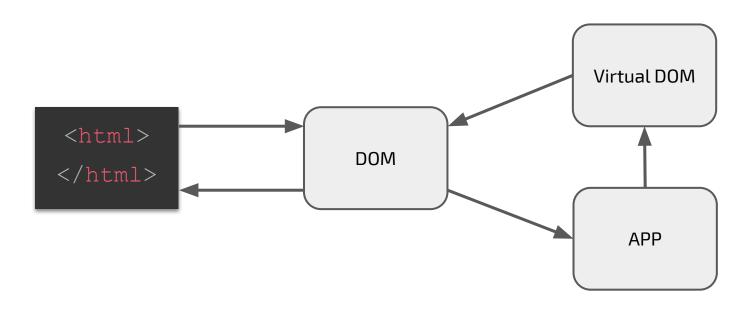




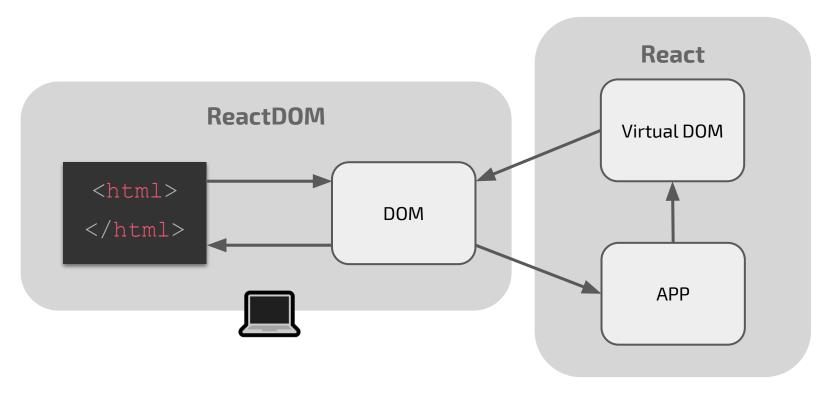




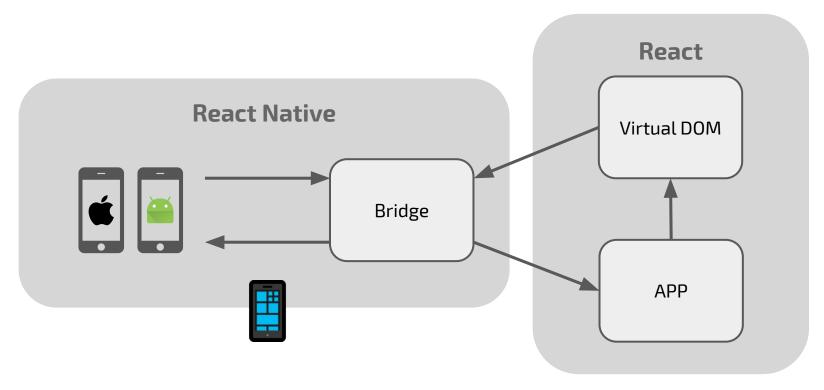
React Anatomy - Renderization



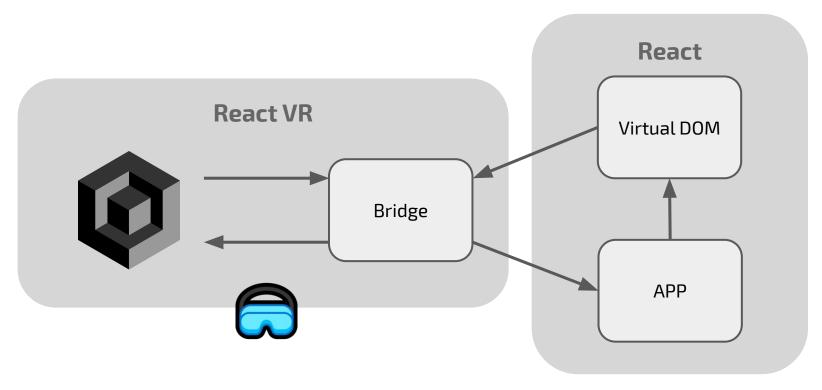
React Anatomy - Renderization



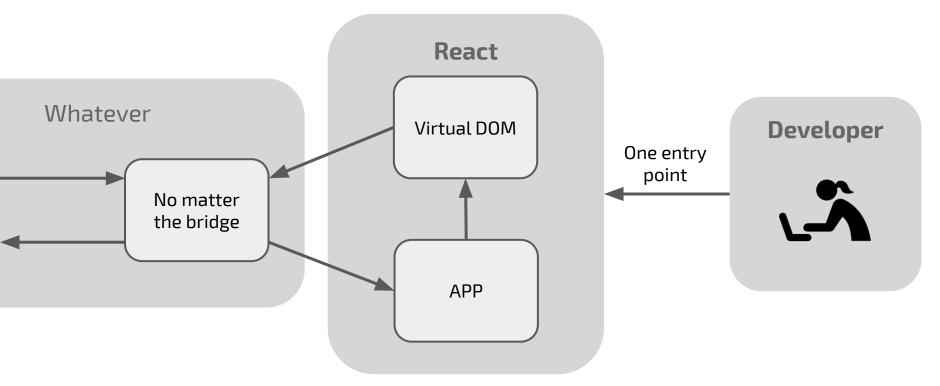






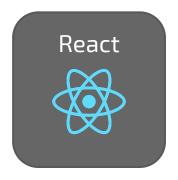


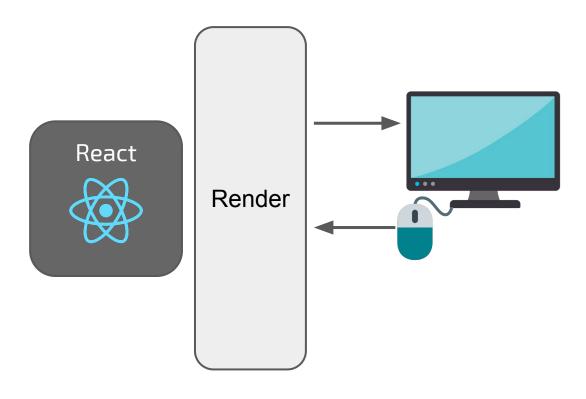


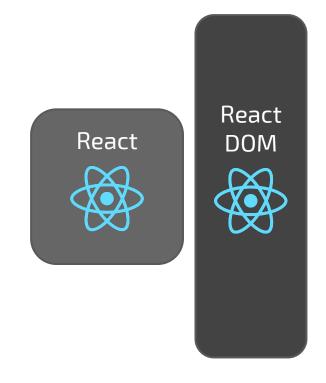


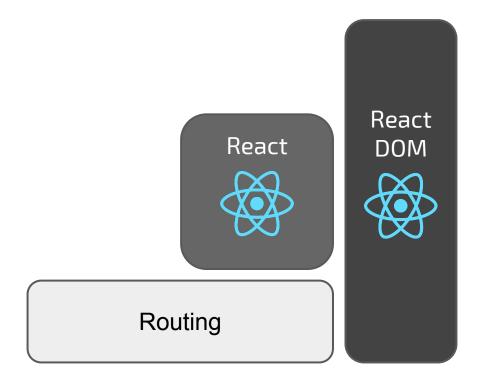
Index

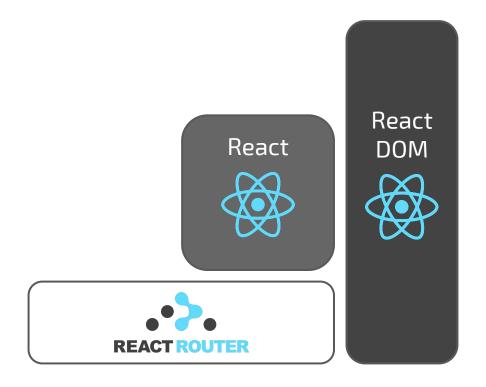
- Design systems
- Modern Javascript
- React anatomy
- React Ecosystem

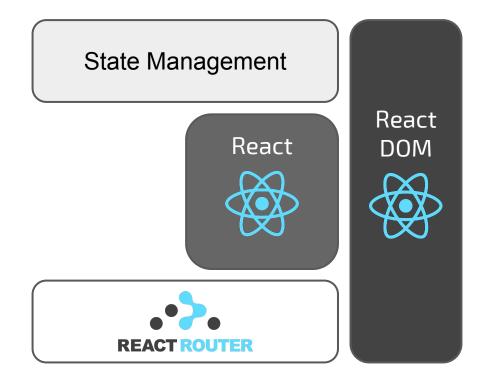


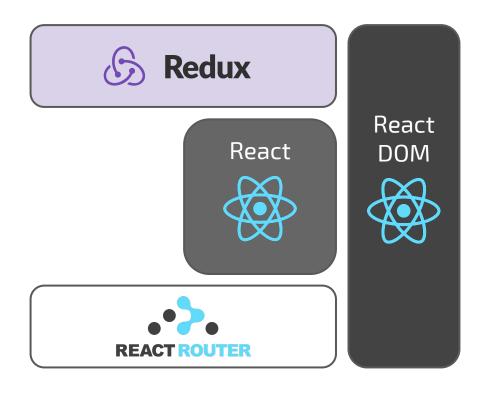


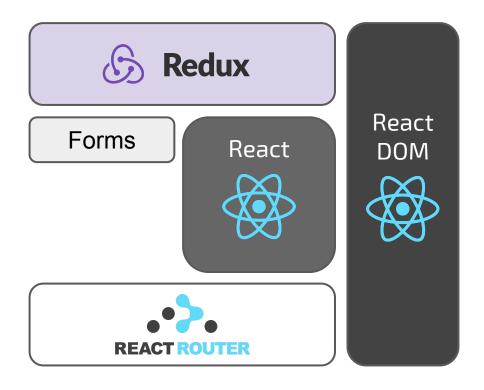


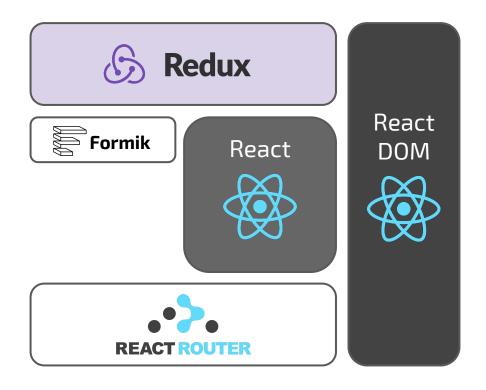


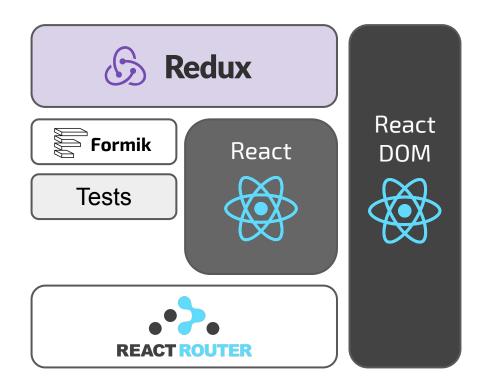


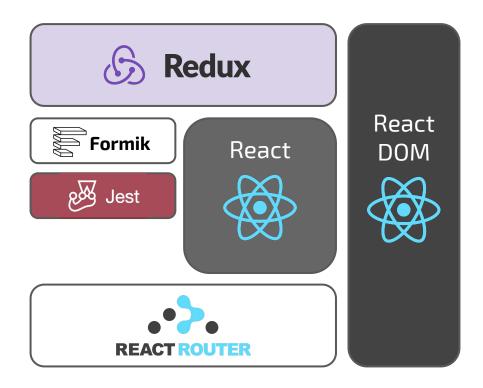


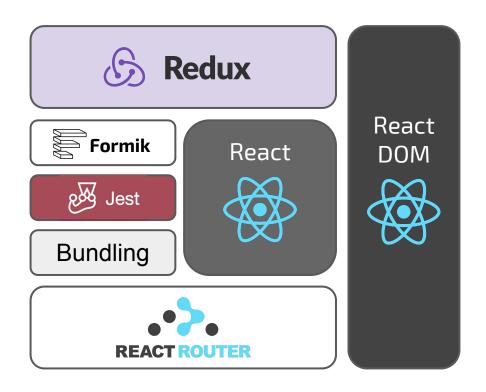


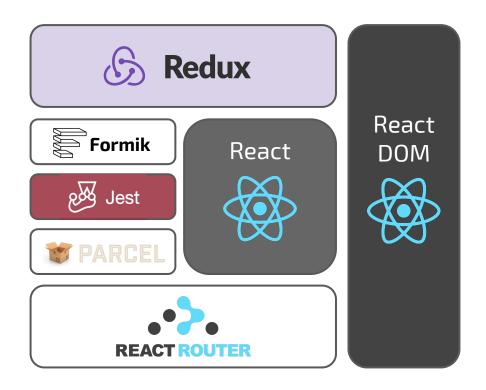












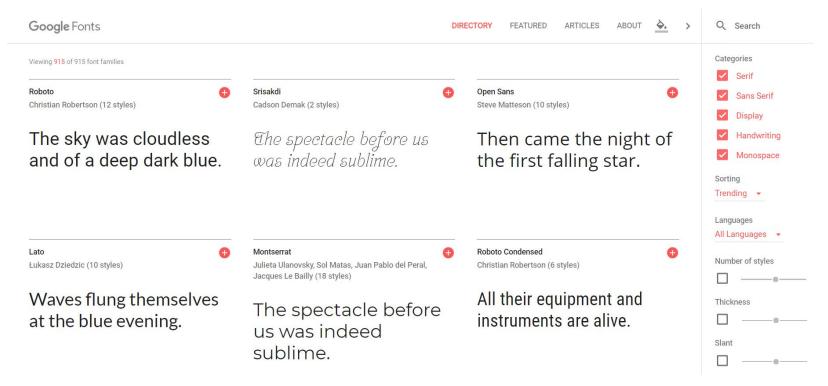
Index

- Design systems
- Modern Javascript
- React anatomy
- React Ecosystem



- Extract atoms, molecules, organisms, and template of the page displayed at <u>fonts.google.com</u>.
- 2. Try to build a different template from the same elements.







1. Fundamentals

Introduction to React