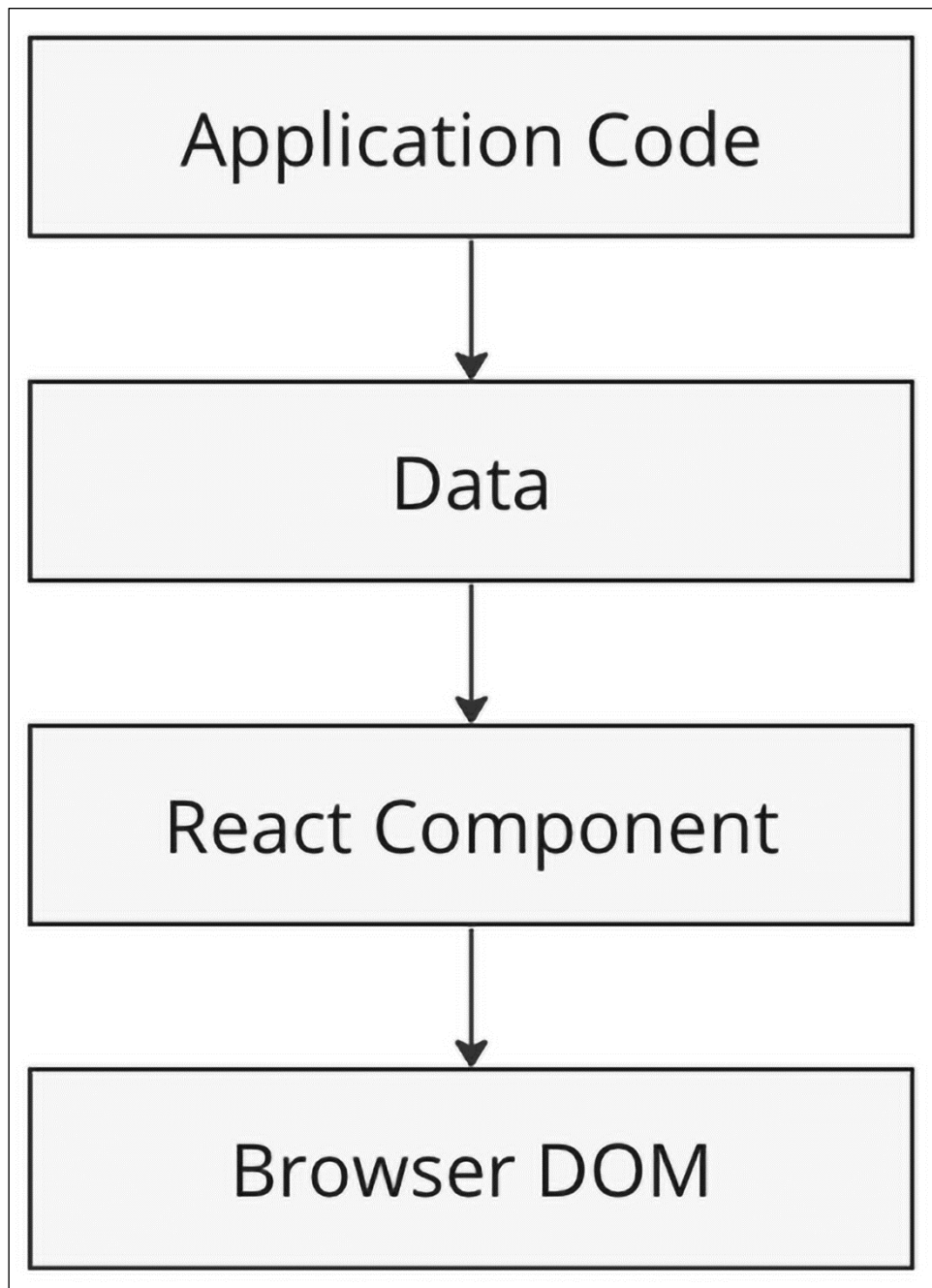
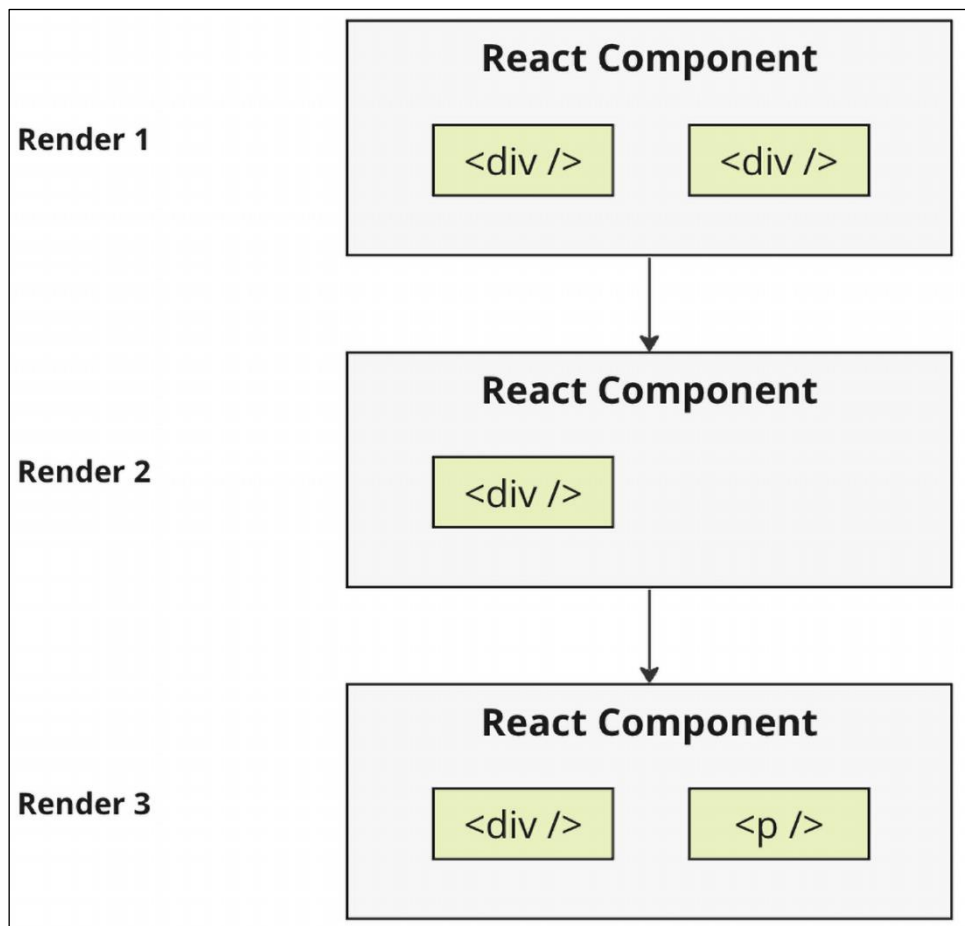
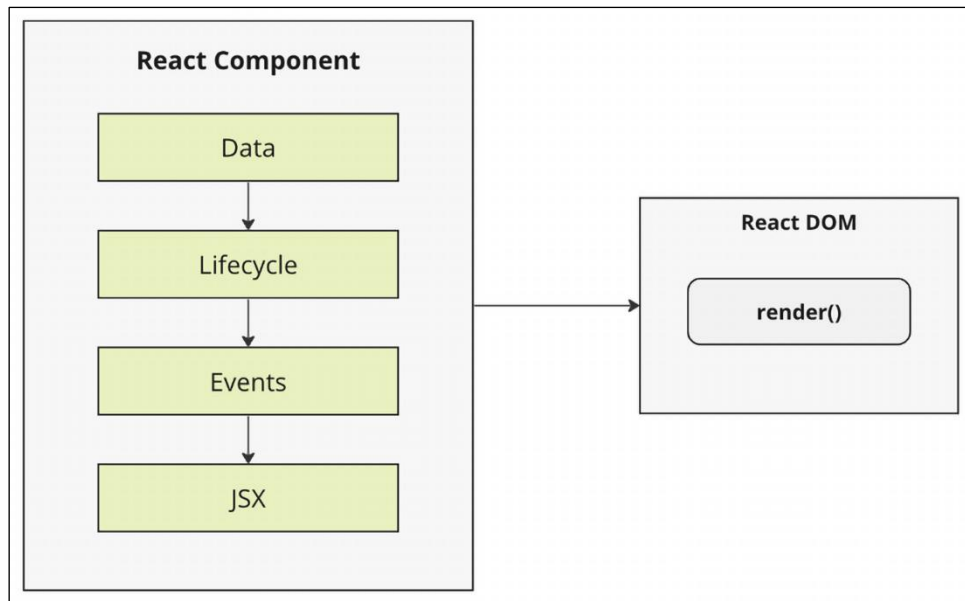
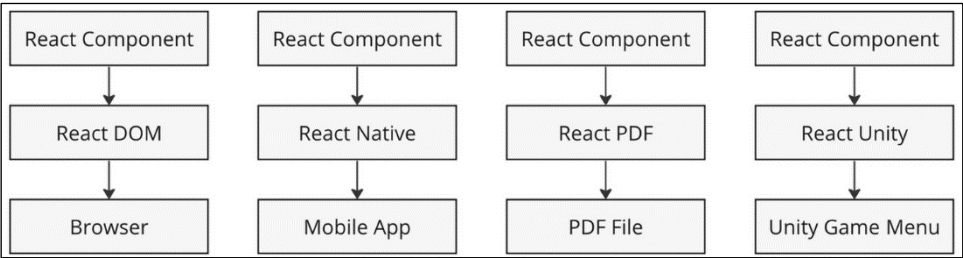
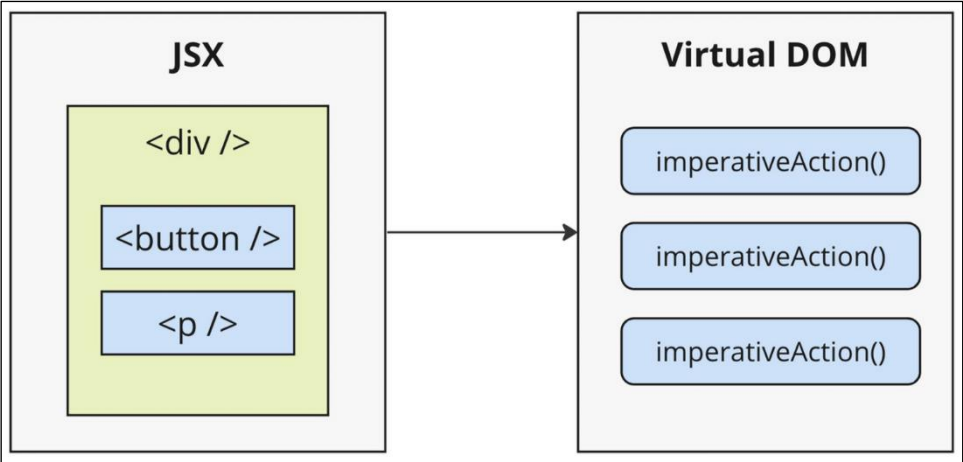
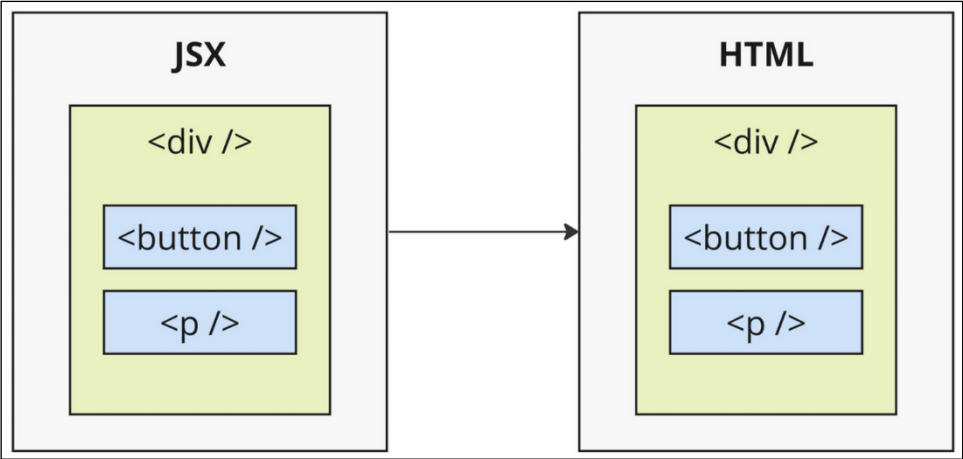


Chapter 1: Why React?







Chapter 2: Rendering with JSX

A Header

[Nav Item](#)

The main content...

© 2024

My Component

Content in my component...

My Section

My Button Text

A Button

input value...

Array

- First
- Second
- Third

Object

- **first: 1**
- **second: 2**
- **third: 3**

Without Fragments

Adds an extra `div` element.

With Fragments

Doesn't have any unused DOM elements.

```
▼ <div>
  <h1>Without Fragments</h1>
  ▼ <p>
    "Adds an extra "
    <code>div</code>
    " element."
  </p>
</div>
```

```
<h1>With Fragments</h1>
<p>Doesn't have any unused DOM elements.</p>
```

Chapter 3: Understanding React Components and Hooks

My name is Mike

My age is 32

Mike

My name is Mike

32

My age is 32

ID: loading...

Name: loading...

ID: 1

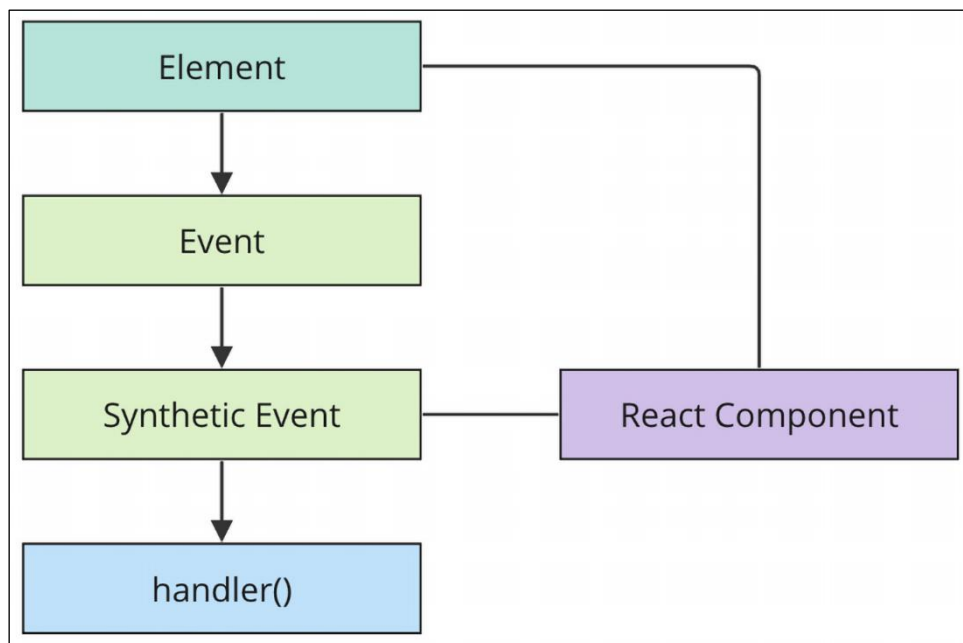
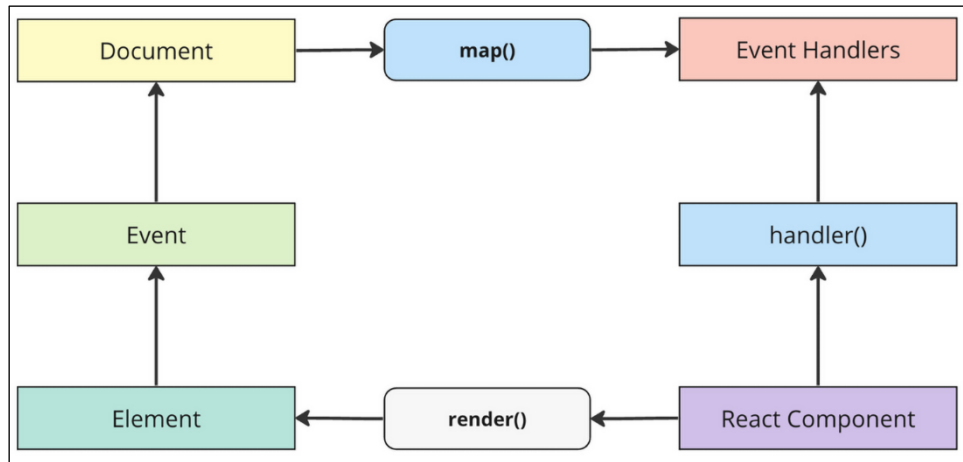
Name: Mike

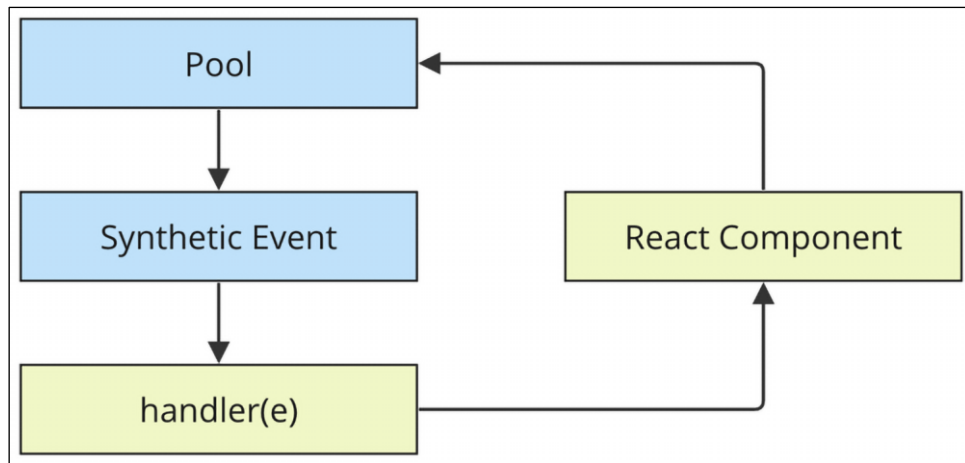
Show Timer

Hide Timer

Timer: 100

Chapter 4: Event Handling in the React Way



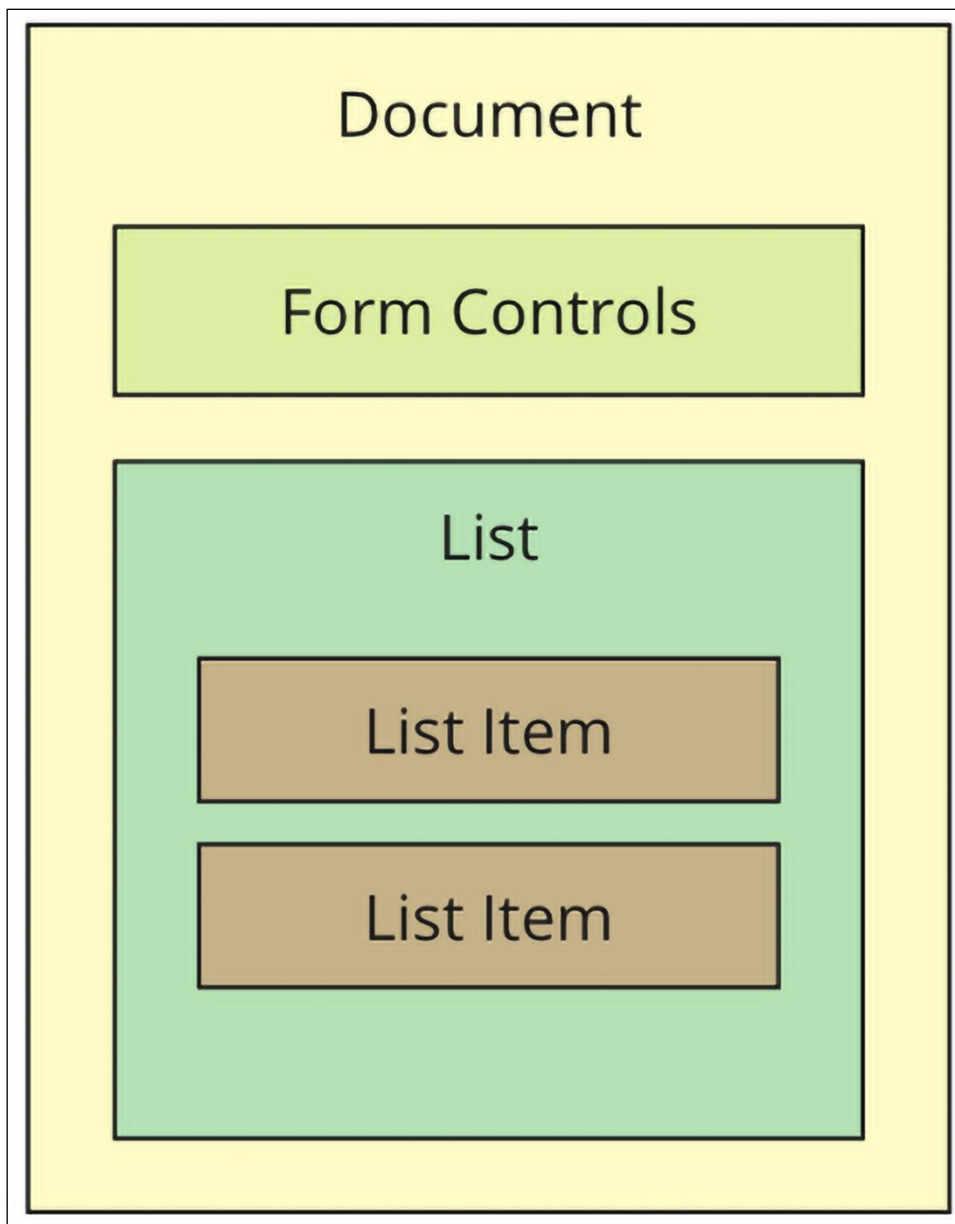


Chapter 5: Crafting Reusable Components

Articles

| | | |
|-------|---------|-----|
| Title | Summary | Add |
|-------|---------|-----|

- [Article 1](#) ☐
- [Article 2](#) ☐



Container Component

Item Detail Component

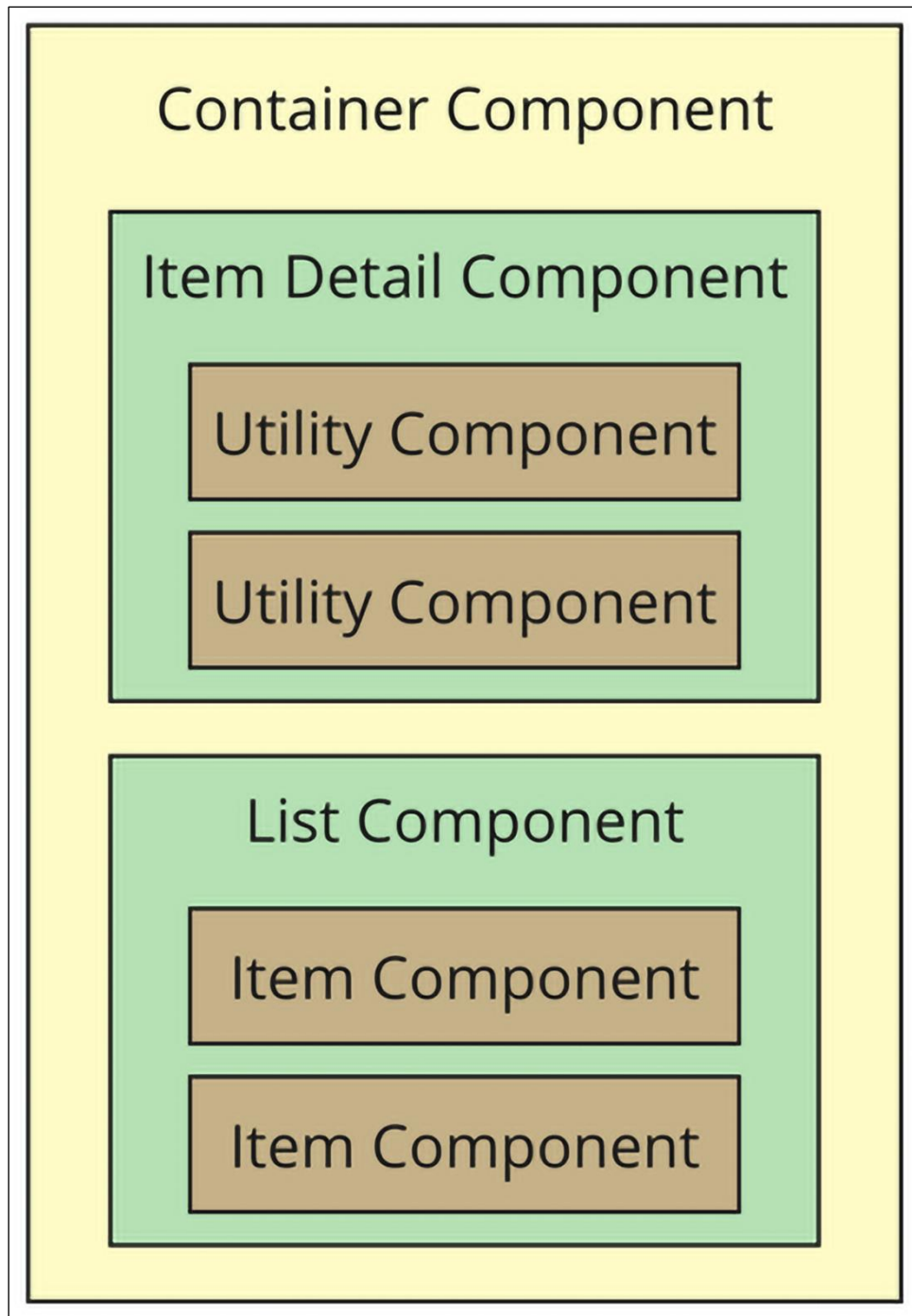
Utility Component

Utility Component

List Component

Item Component

Item Component



Chapter 6: Type-Checking and Validation with TypeScript

```
ReactDOM.createRoot(document.getElementById("root")).render(  
  <React.StrictMode>  
    <App /> Property 'message' is missing in type '{}' but required in type 'AppProps'.  
  </React.StrictMode>  
);
```

```
ReactDOM.createRoot(document.getElementById("root")).render(  
  <React.StrictMode>  
    <App message="Hello TypeScript" />  
  </React.StrictMode>  
);
```

Hello Route!

[Main](#) | [One](#) | [Two](#)

Feature 1, page 1

- John
- Peter

User ID: 0

John

Snow

40

User not found

- User 1
- User 2
- User 3

- User 3
- User 2
- User 1

First

Second

First

Second

First

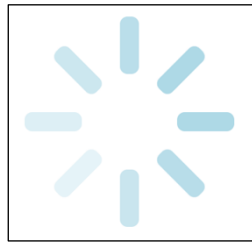
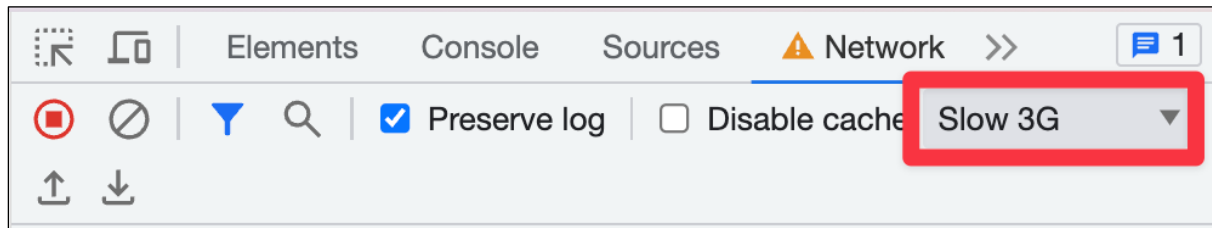
Echo param

Echo query

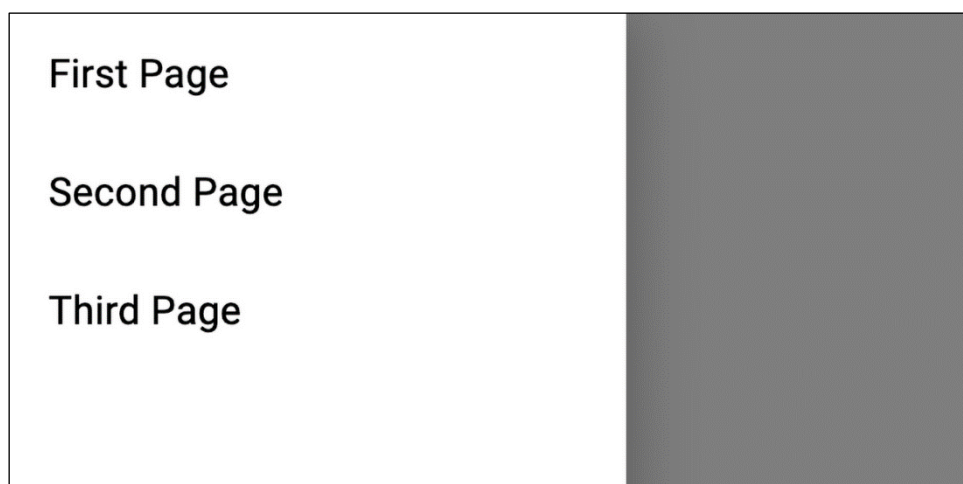
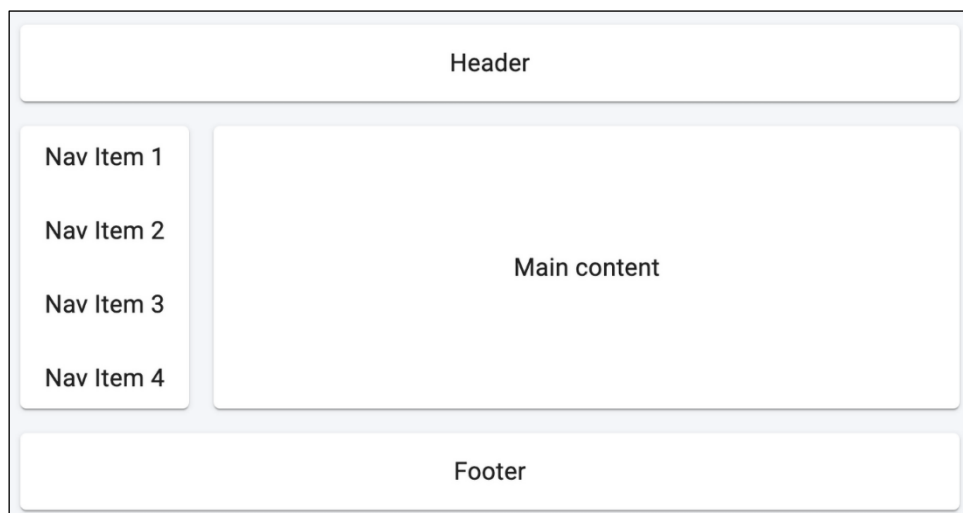
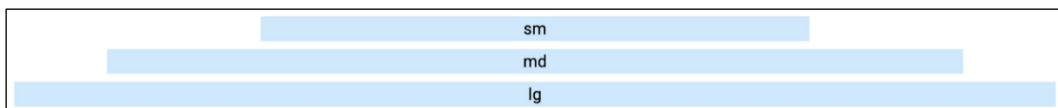
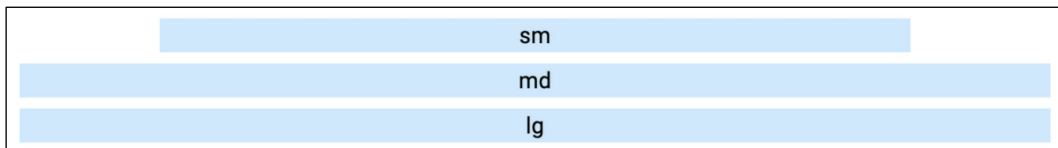
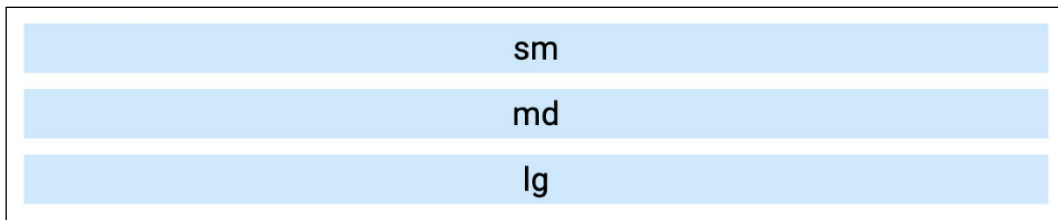
From Param

From Query

Chapter 8: Code Splitting Using Lazy Components and Suspense



Chapter 9: User Interface Framework Components



| | |
|-------------|--|
| First Page | |
| Second Page | |
| Third Page | |

| | | |
|----------|----------|------------|
| ITEM ONE | ITEM TWO | ITEM THREE |
| Item One | | |

| | | |
|----------|----------|------------|
| ITEM ONE | ITEM TWO | ITEM THREE |
| Item Two | | |

| | |
|--|--|
| <input checked="" type="checkbox"/> Checkbox (checked) | First |
| | <input checked="" type="radio"/> First |
| | <input type="radio"/> Second |
| | <input type="radio"/> Third |

My Select

First

First

Second

Third

Name

Mike

CONTAINED TEXT OUTLINED

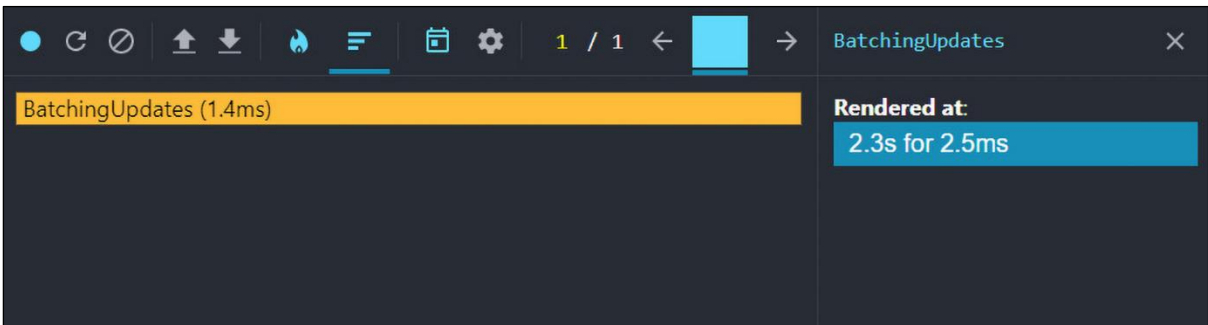
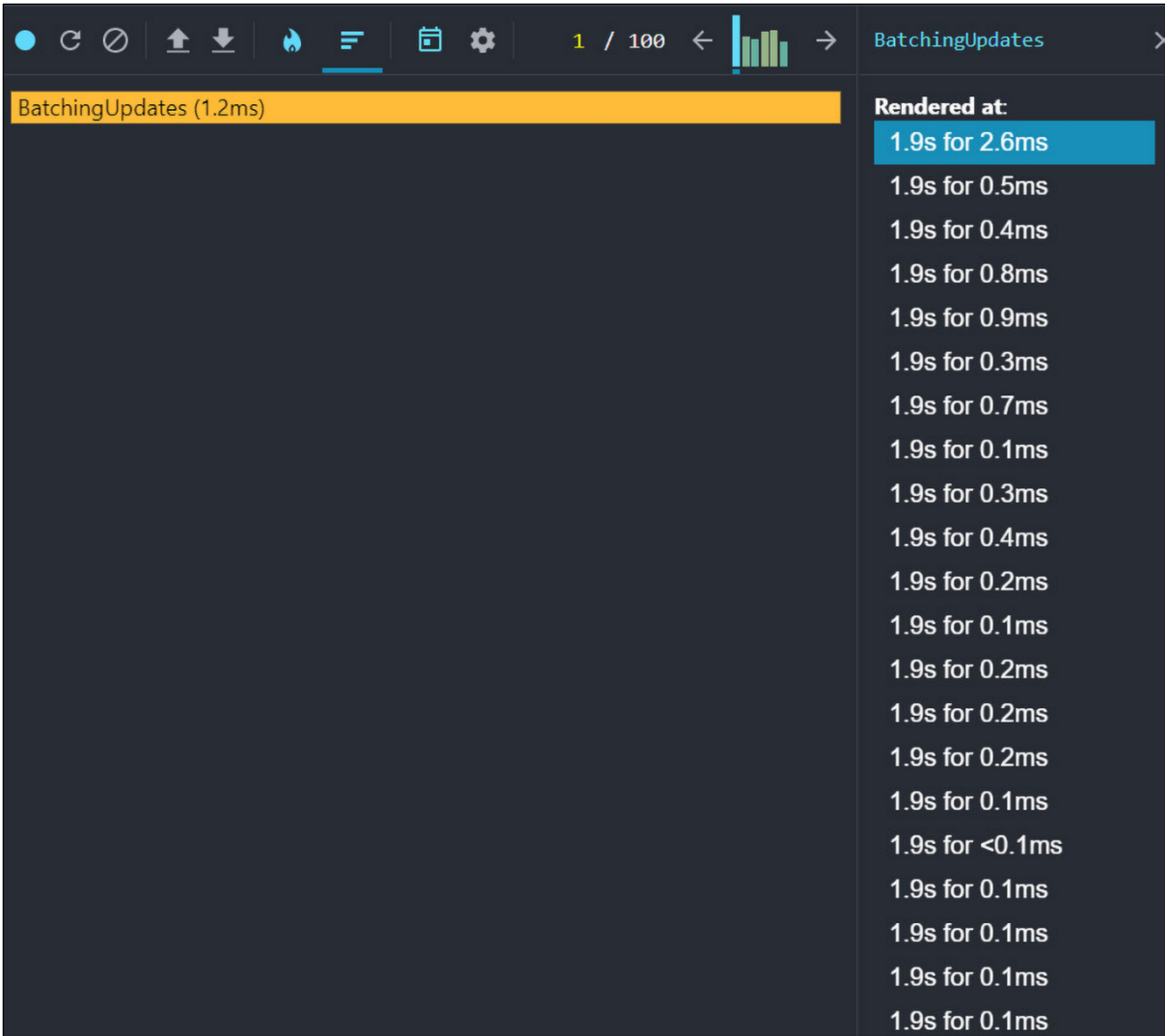
CONTAINED TEXT OUTLINED

FIRST

SECOND

THIRD

Chapter 10: High-Performance State Updates



Filter

50

loading...

1

- Item 1
- Item 10
- Item 11
- Item 12
- Item 13
- Item 14
- Item 15

Chapter 11: Fetching Data from a Server



Michael Sakhniuk

Software Engineer at KappaPay (kappapay.com)

Location: Barcelona, Spain

Company: @kappapay

Followers: 67

Following: 22

Public Repos: 15

Public Gists: 2

GitHub Profile: [sakhnyuk](#)

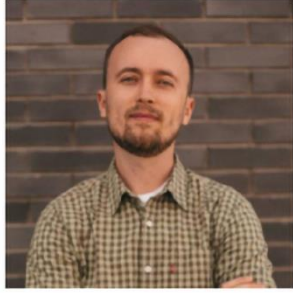
Request: GET /users/sakhnyuk

[api.ts:13](#)

Response:

[api.ts:19](#)

```
{login: 'sakhnyuk', id: 32235469, node_id: 'MDQ6VXNlc  
► jMyMjMlNDY5', avatar_url: 'https://avatars.githubusercontent.com/u/32235469?v=4', gravatar_id: '', ...}
```



Michael Sakhniuk

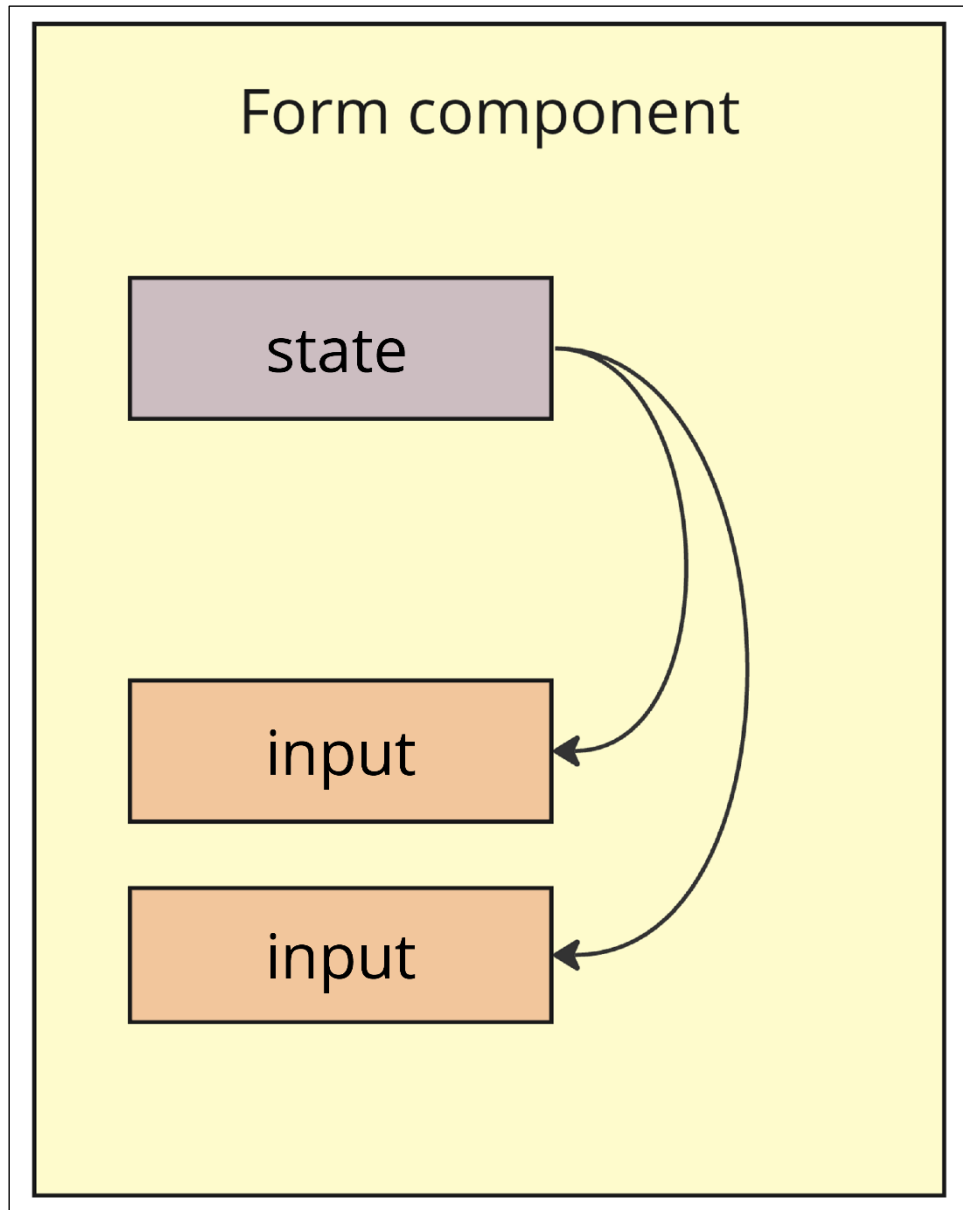
Software Engineer at KappaPay (kappapay.com)

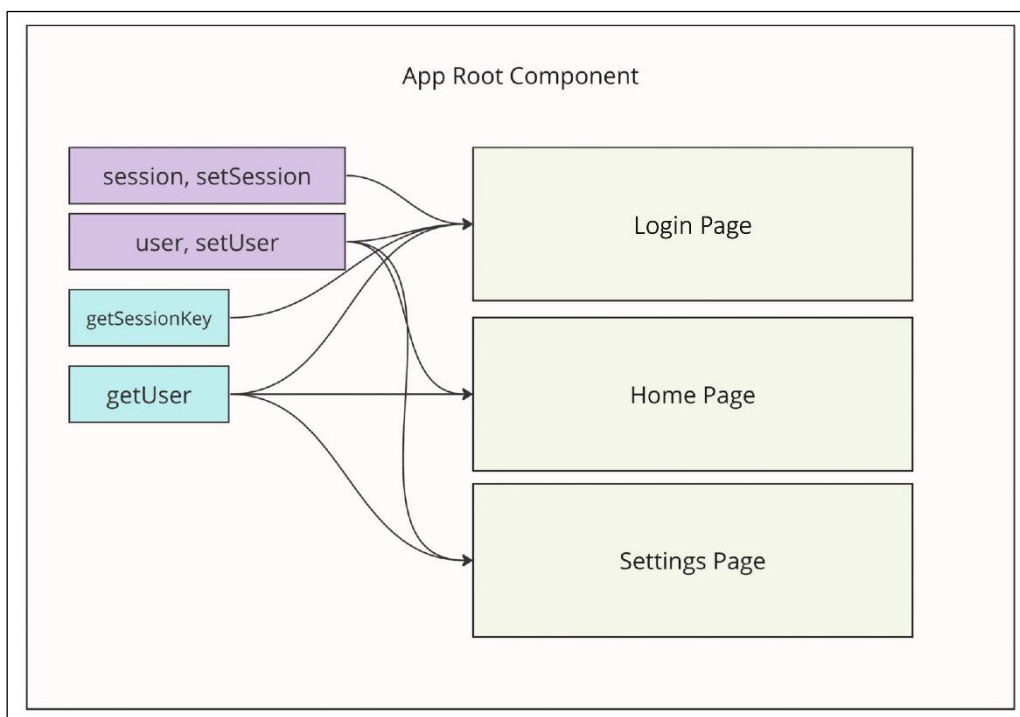
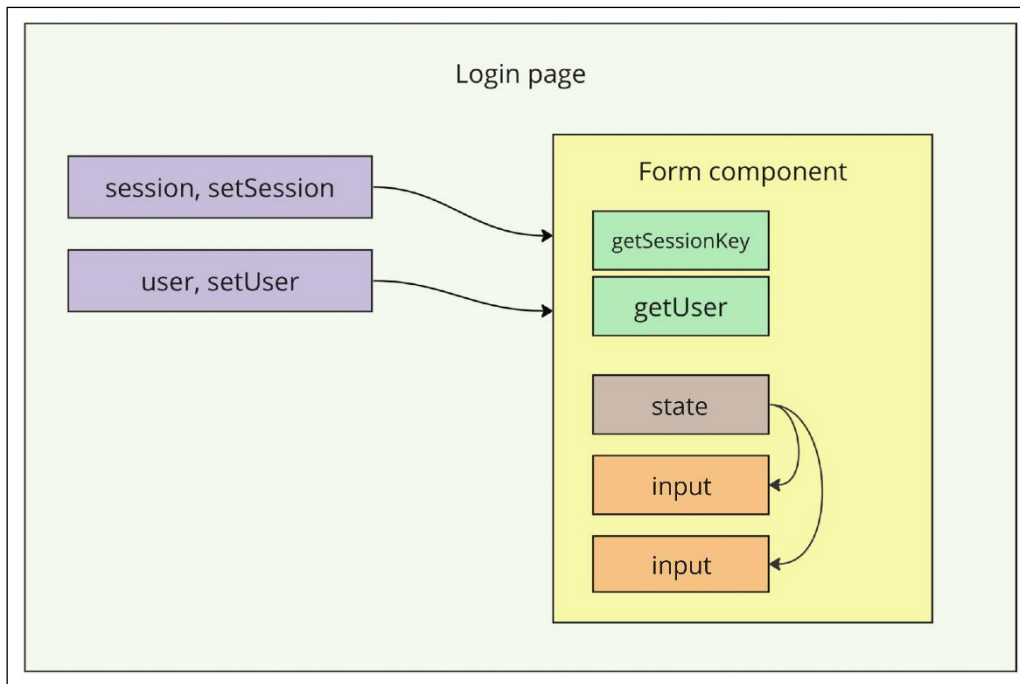
Location: Barcelona, Spain

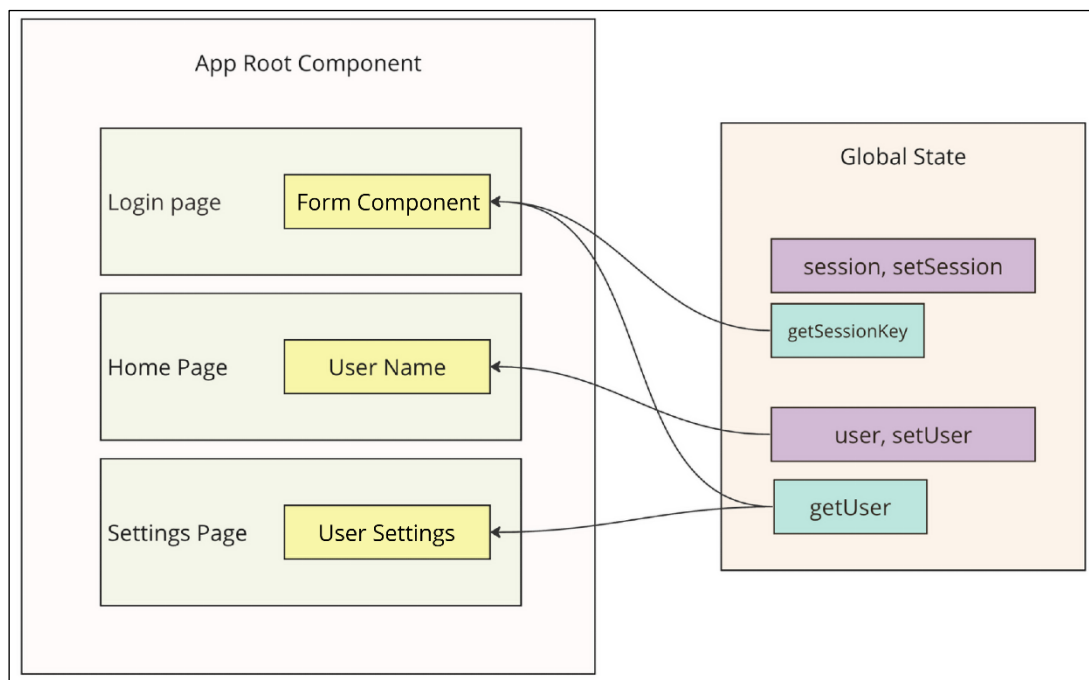
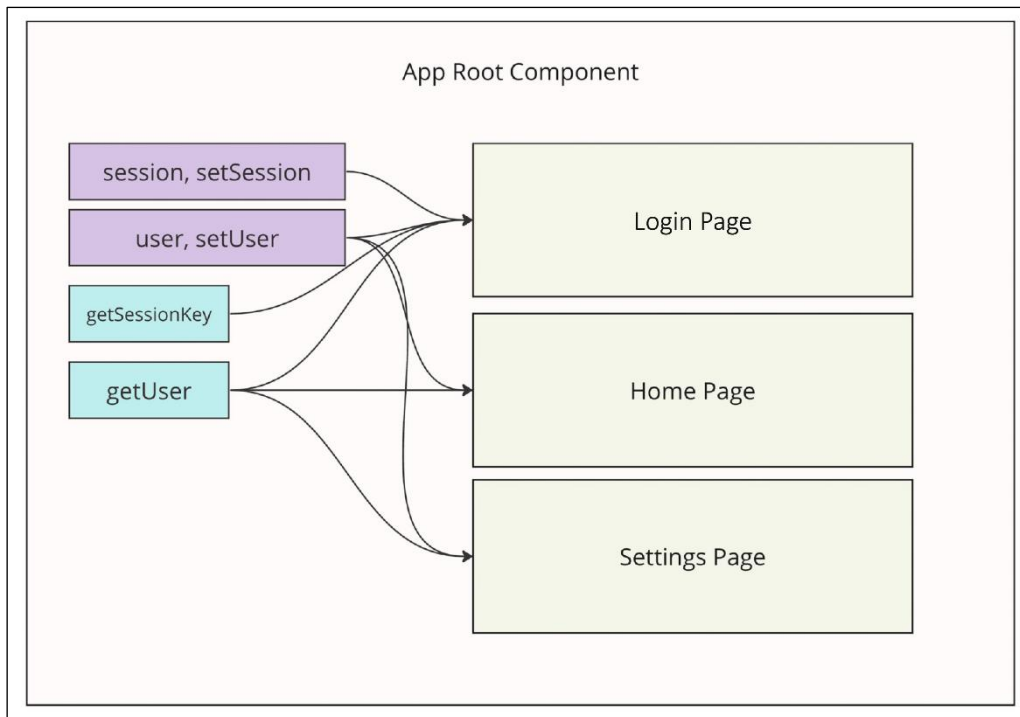
Company: @kappapay

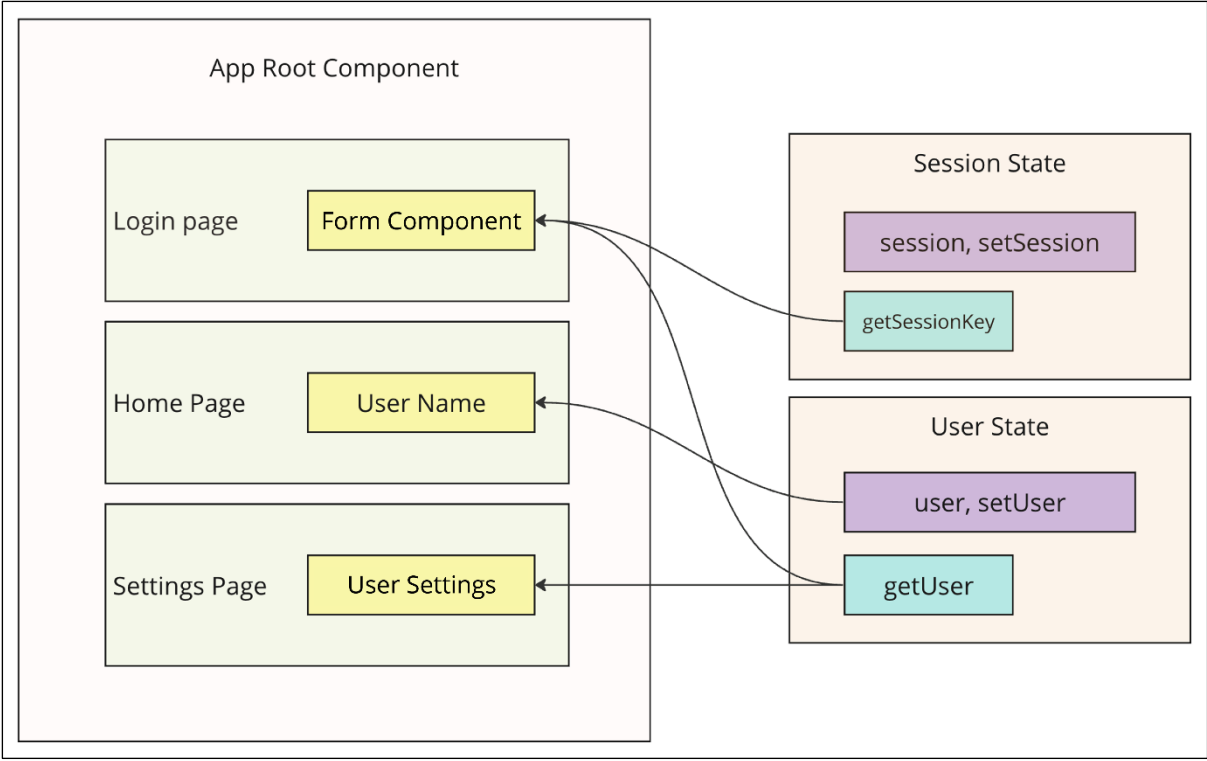
| Name | X | Headers | Payload | Preview | Response | Initiator | Timing |
|---------|---|---------|---------|---|----------|-----------|--------|
| graphql | | | | <pre>{data: {user: {login: "sakhnyuk", id: "MDQ6VXNlcjMyMjM1NDY5",...}}} data: {user: {login: "sakhnyuk", id: "MDQ6VXNlcjMyMjM1NDY5",...}} user: {login: "sakhnyuk", id: "MDQ6VXNlcjMyMjM1NDY5",...} avatarUrl: "https://avatars.githubusercontent.com/u/32235469?u= bio: "Software Engineer at KappaPay (kappapay.com)" company: "@kappapay" id: "MDQ6VXNlcjMyMjM1NDY5" location: "Barcelona, Spain" login: "sakhnyuk" name: "Michael Sakhniuk" __typename: "User"</pre> | | | |

Chapter 12: State Management in React

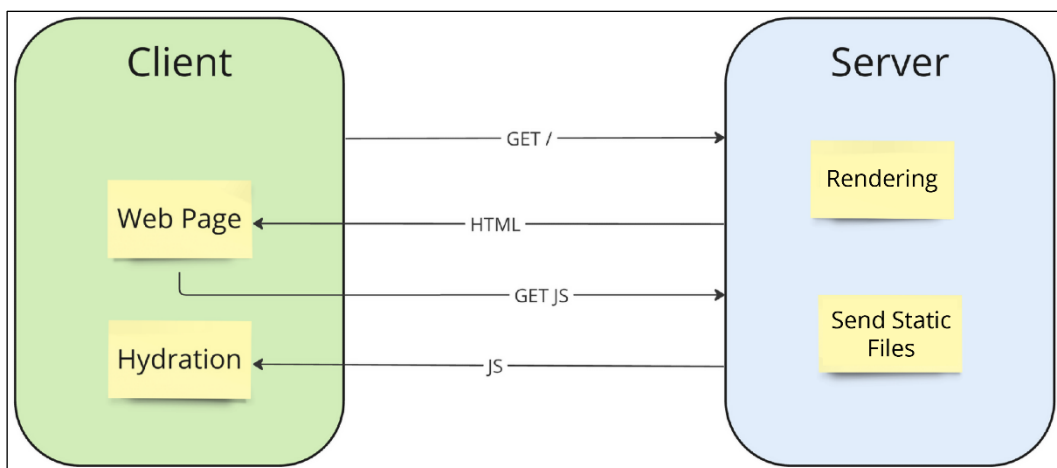
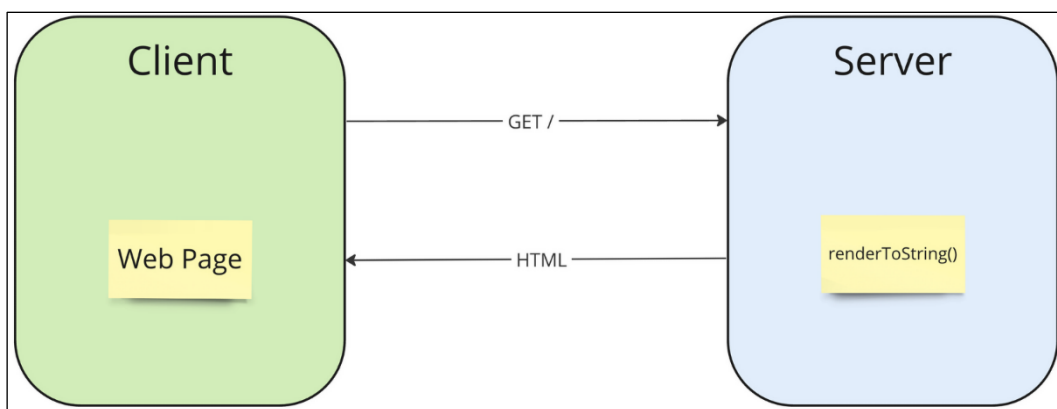
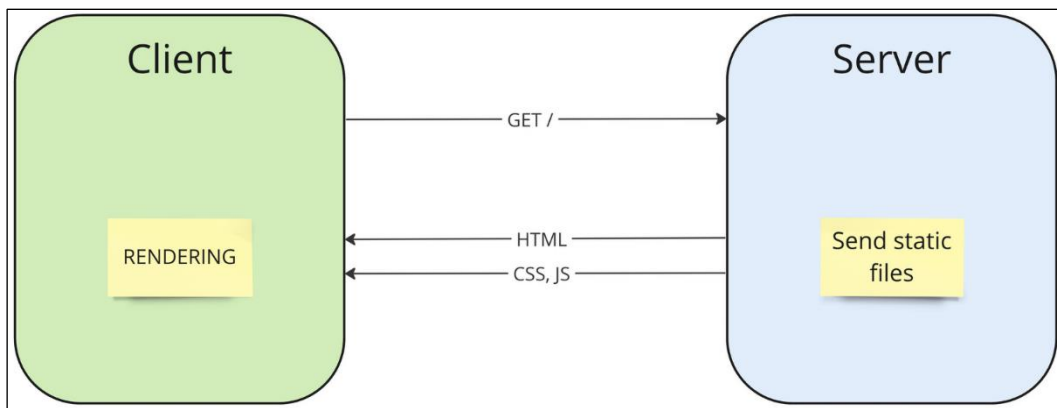


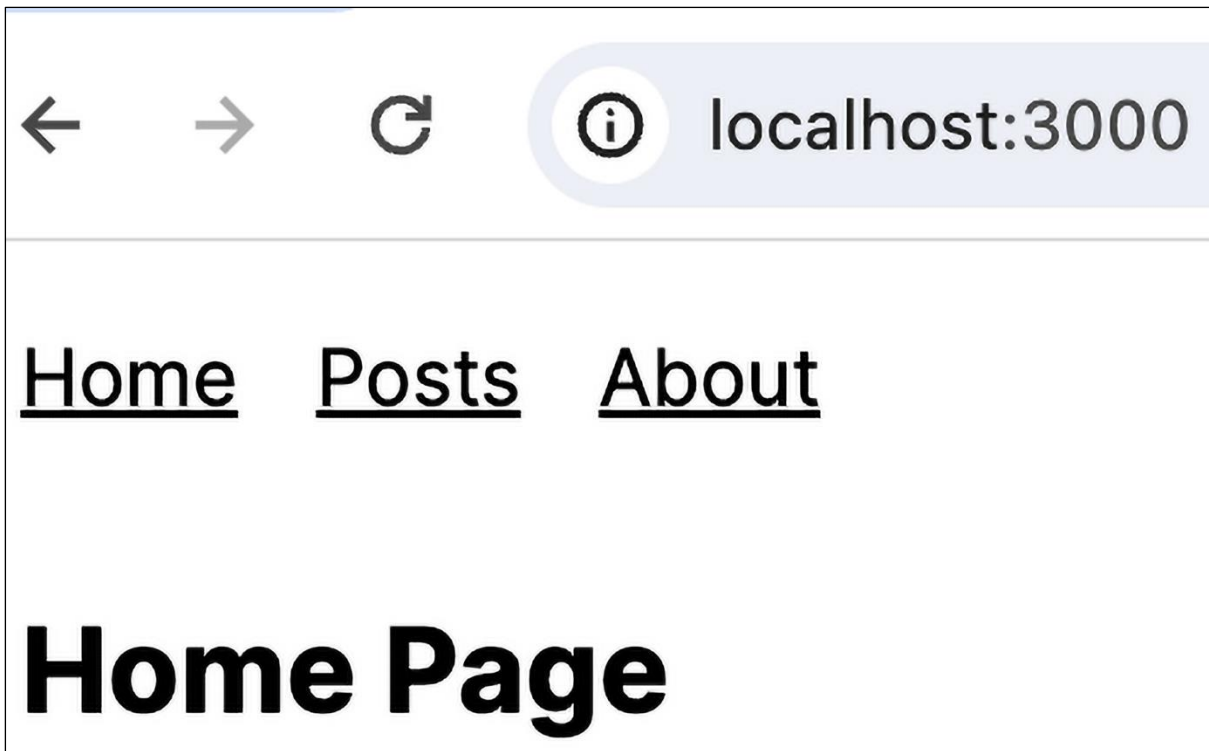




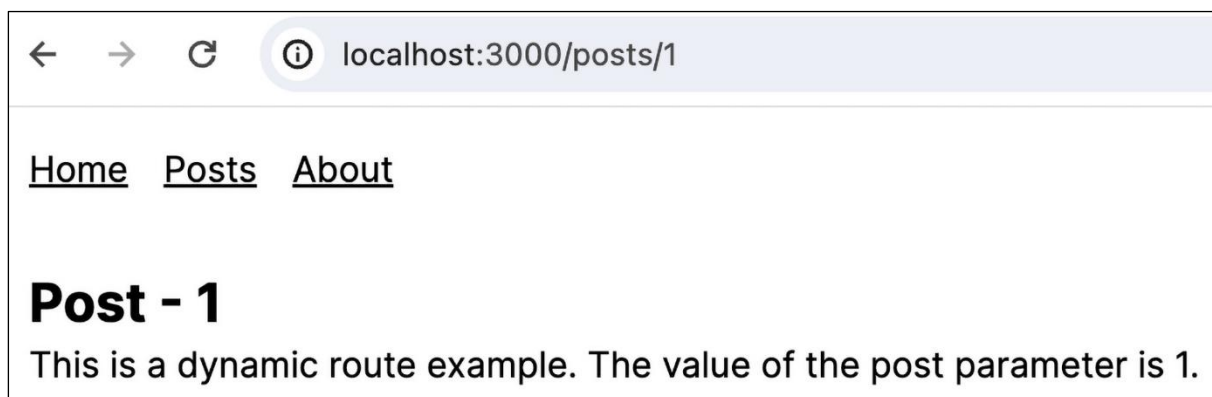


Chapter 13: Server-Side Rendering

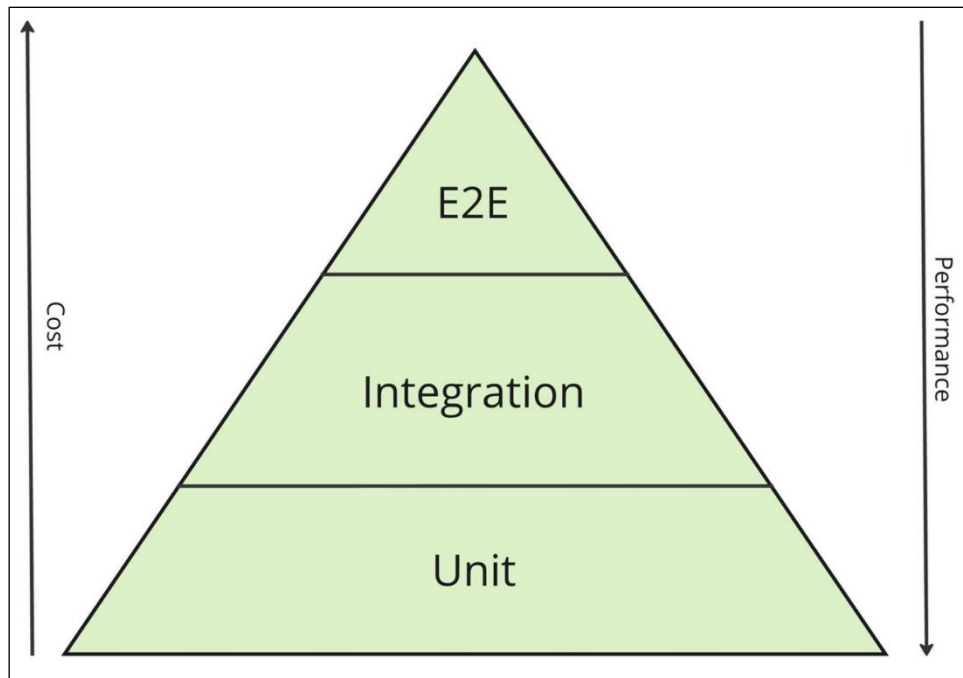




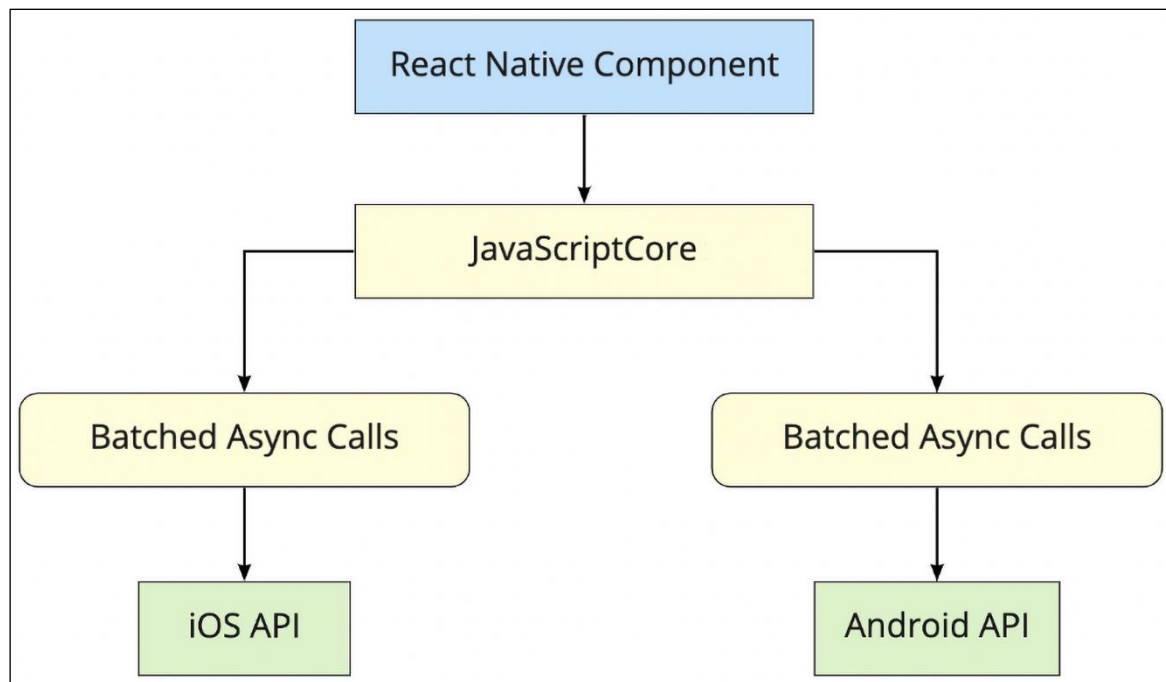
| Name | X | Headers | Preview | Response | Initiator | Timing |
|-----------|---|---------|---------|--|-----------|--------|
| localhost | - | - | - | <pre><body> <div id="__next"> <div class="__className_e66fe9"> <header class="p-4 flex items-center gap-4"> Home Posts About </header> <div class="p-4"> <main> <h1>Home Page</h1> </main> </div> </div> </div> </div></pre> | - | - |



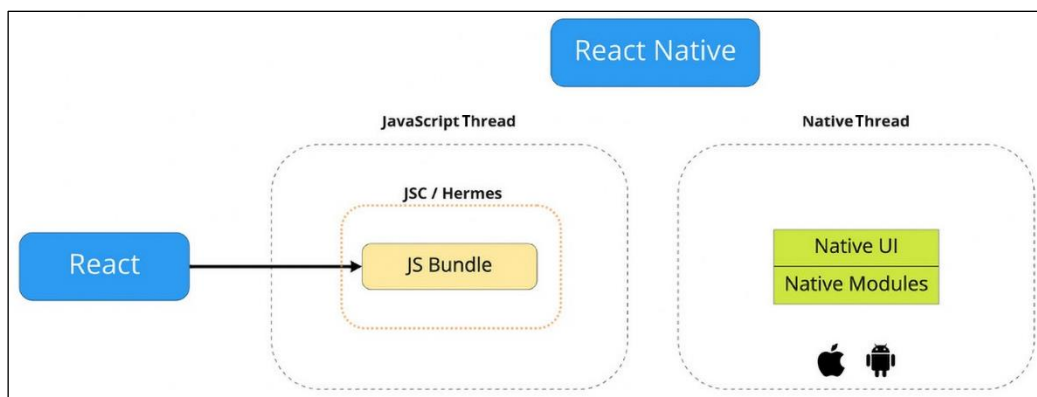
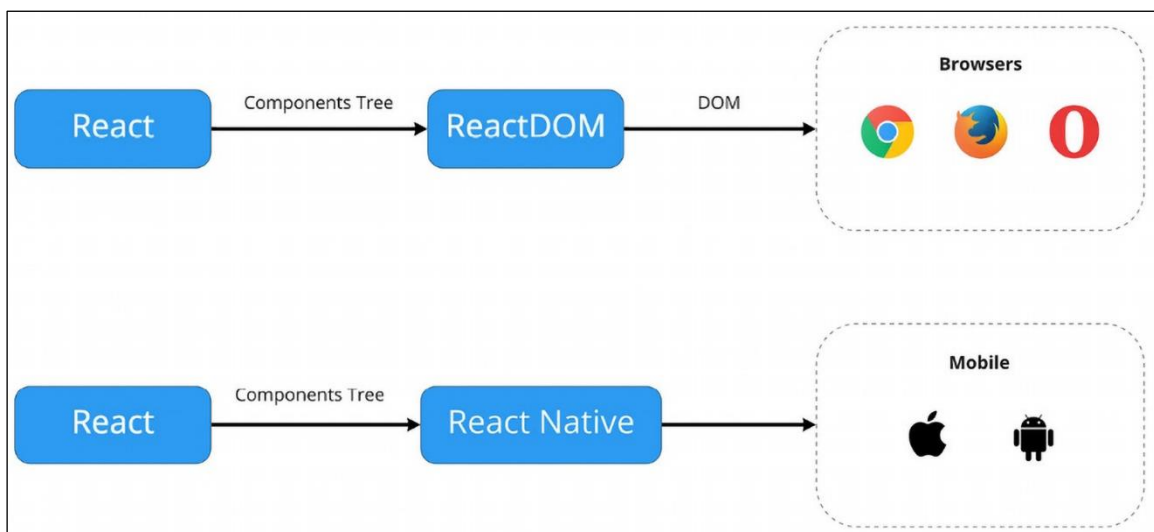
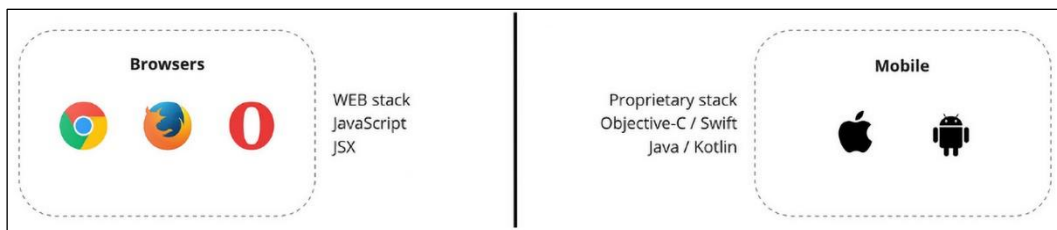
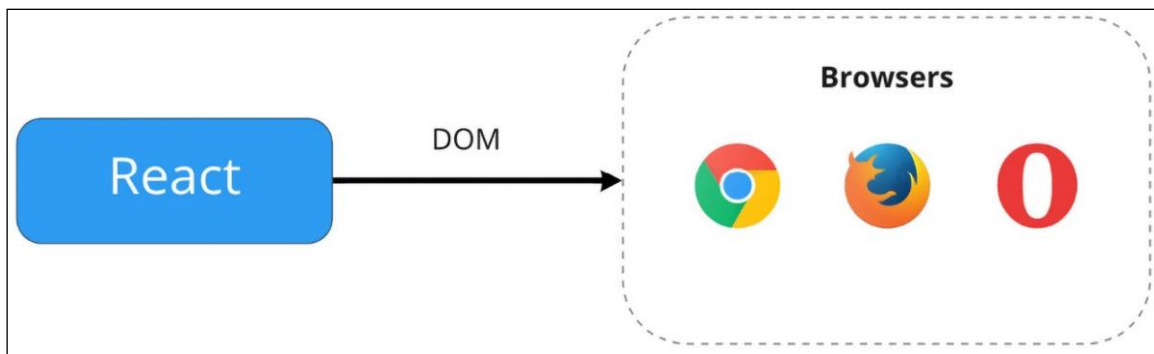
Chapter 14: Unit Testing in React

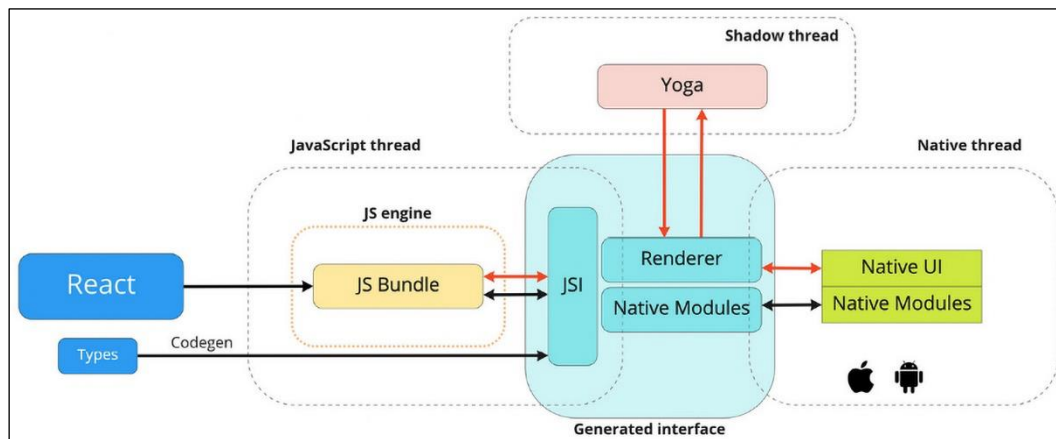
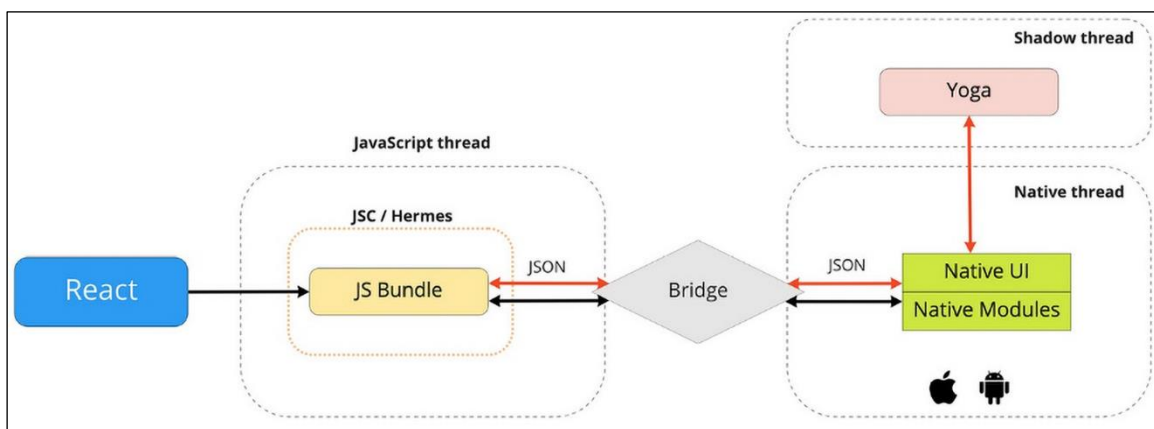
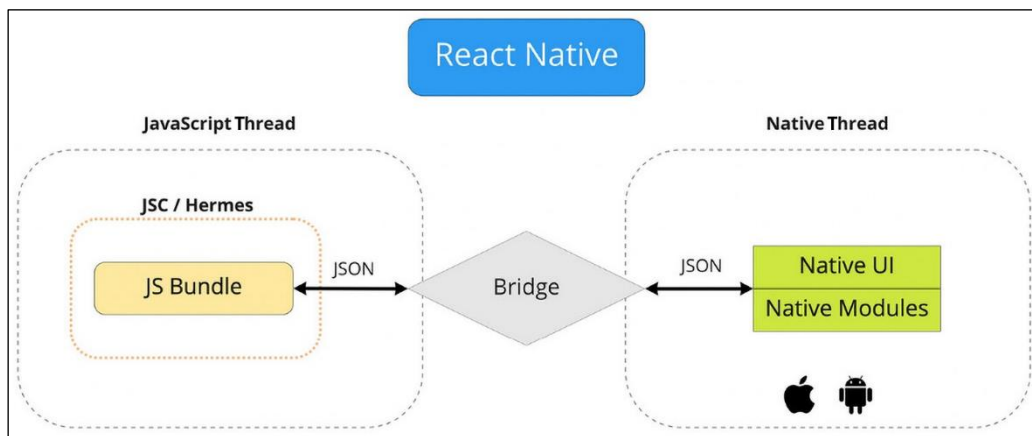


Chapter 15: Why React Native?

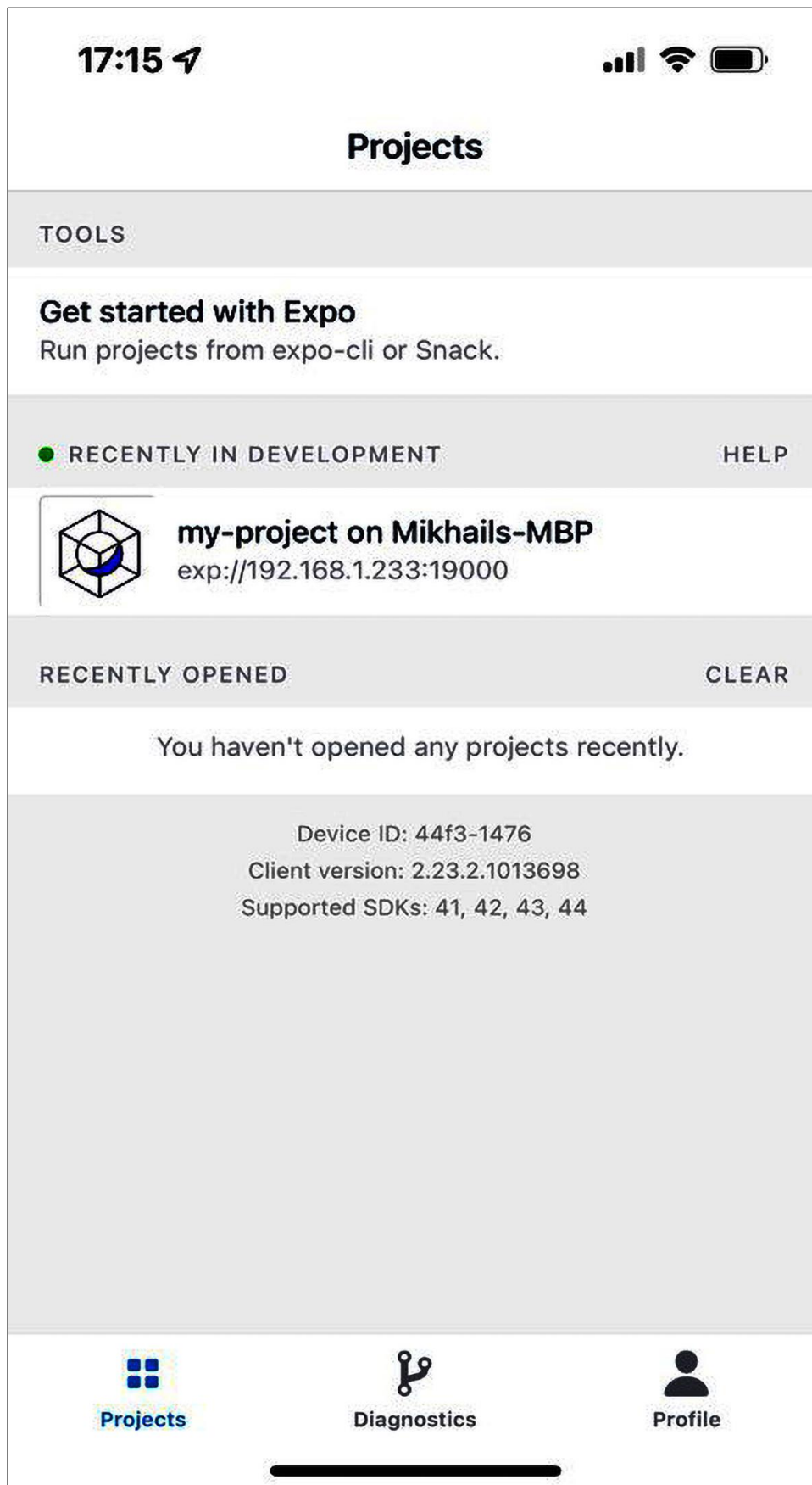


Chapter 16: React Native Under the Hood





Chapter 17: Kick-Starting React Native Projects



17:29 ↵



Open up App.js to start working on your app!

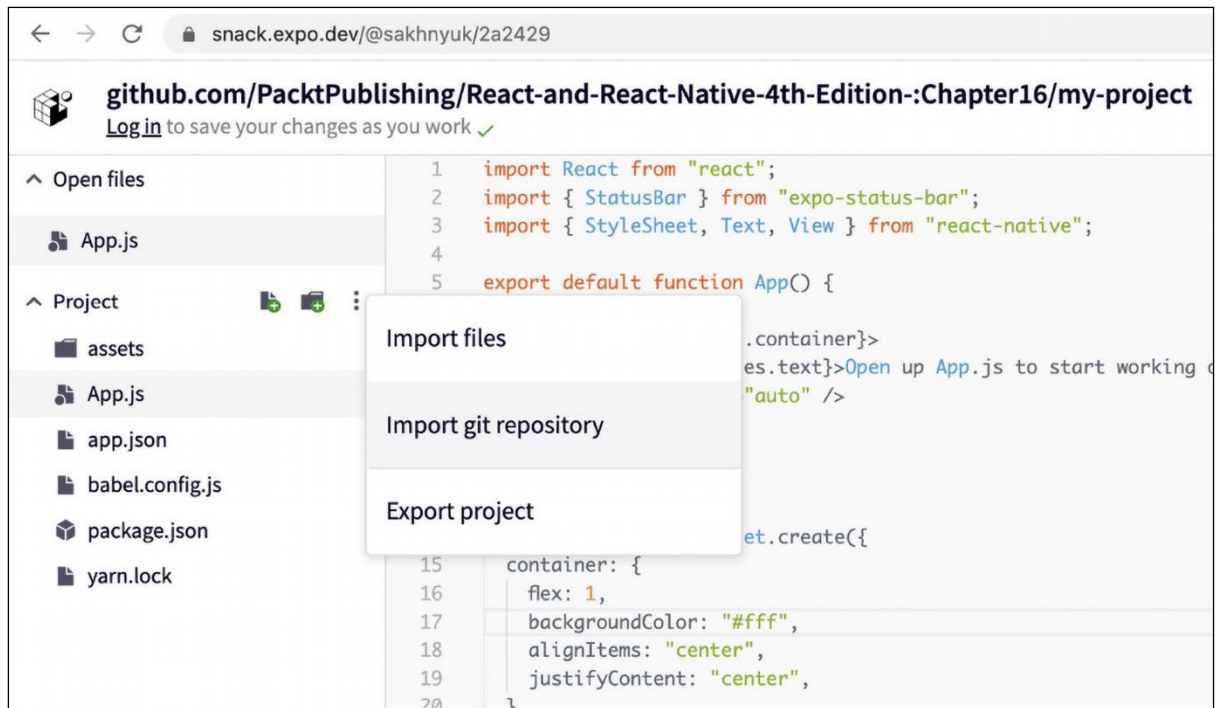


21:28 📶



Open up App.js to start working on your app!





My Device

iOS

Android

Web



Tap to play

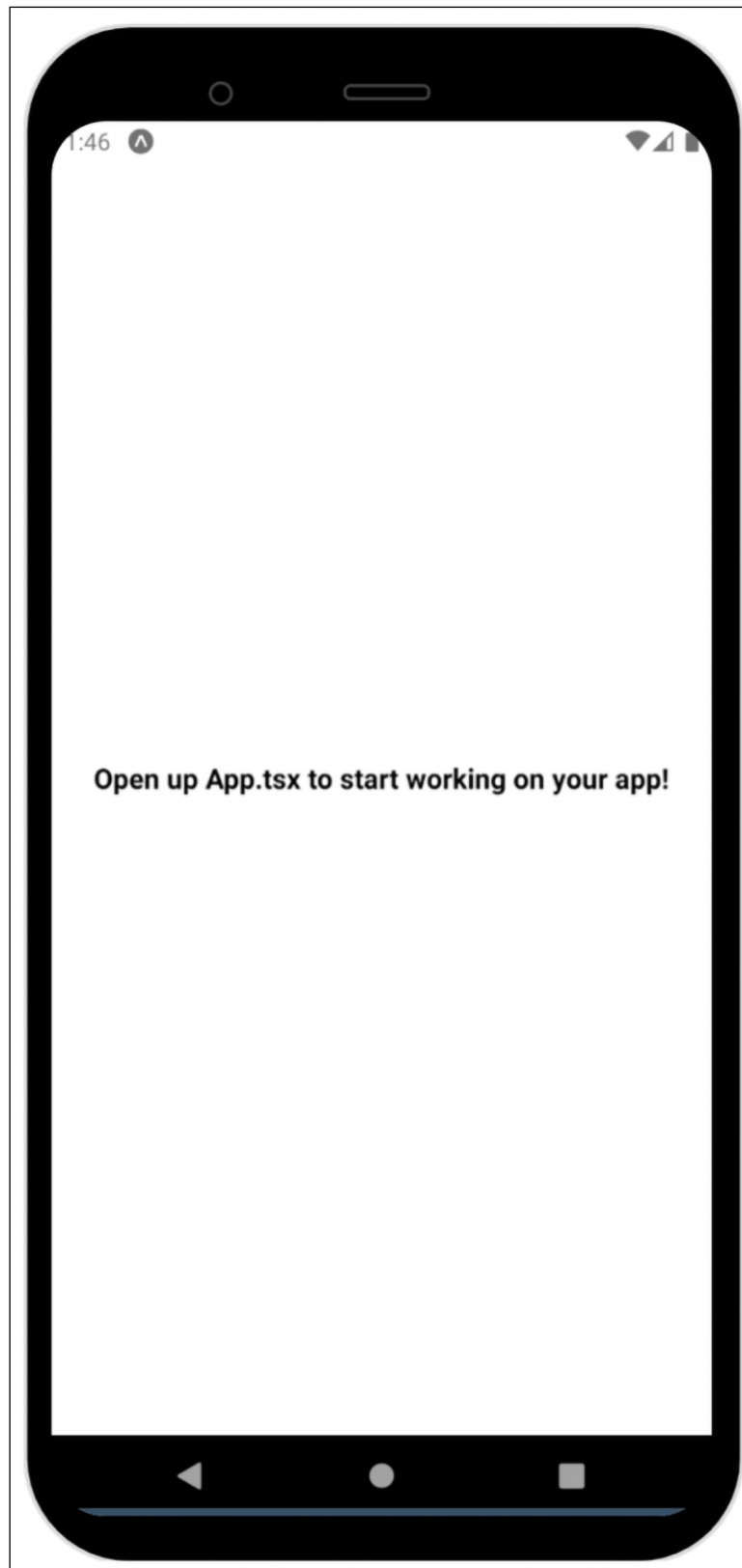
Run on your device

Powered by

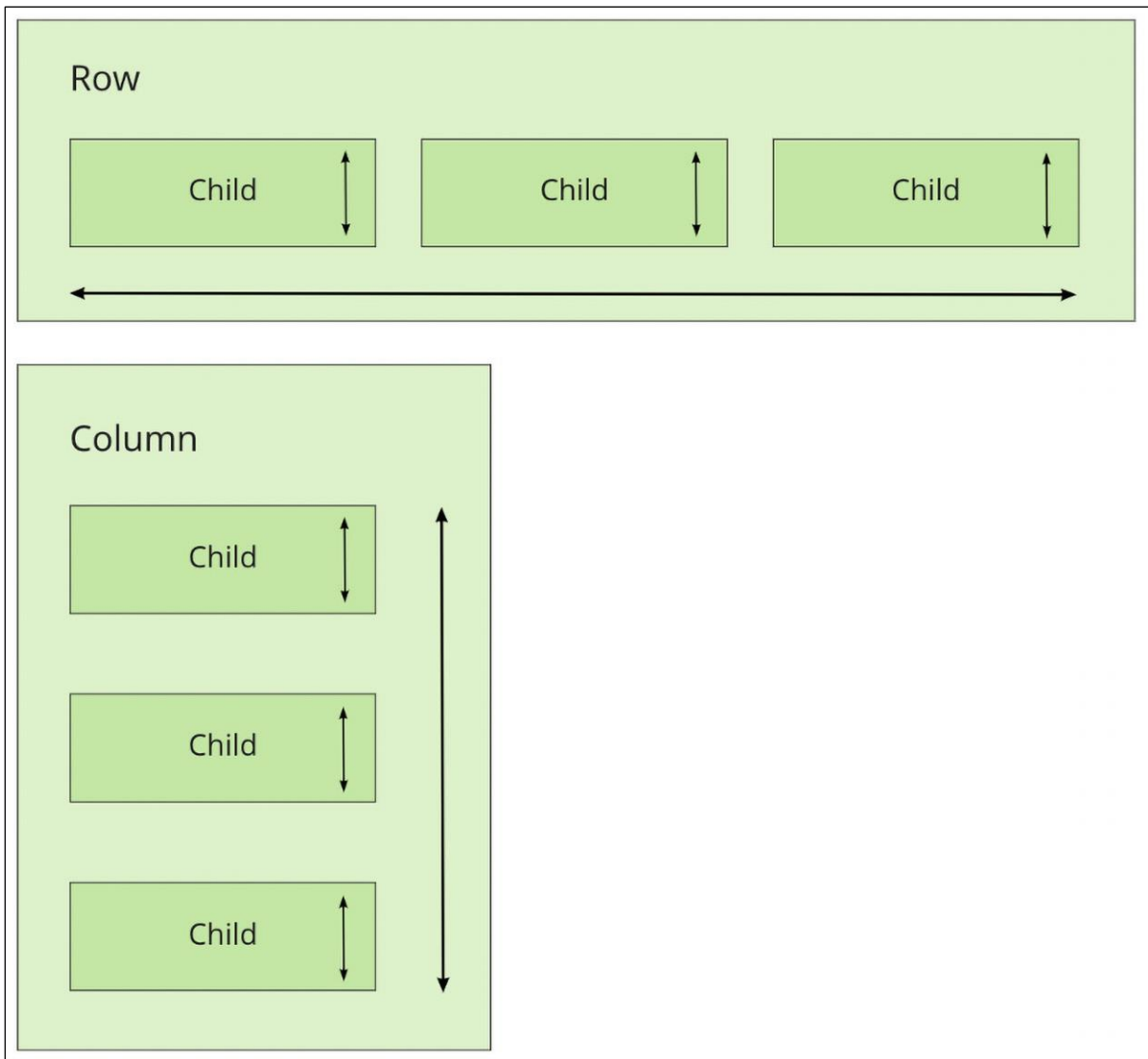


Appetize.io





Chapter 18: Building Responsive Layouts with Flexbox



13:33 ↗



I'm in a box

13:46 ↗



#1

#2

#3

#1

#2

#3

14:26 ↵



#1

#2

#3

| |
|----|
| #1 |
| #2 |
| #3 |

15:21 ↶



#1

#2



15:31 ↗



#1

#2

#3

#4

#5

#6

#7

#8

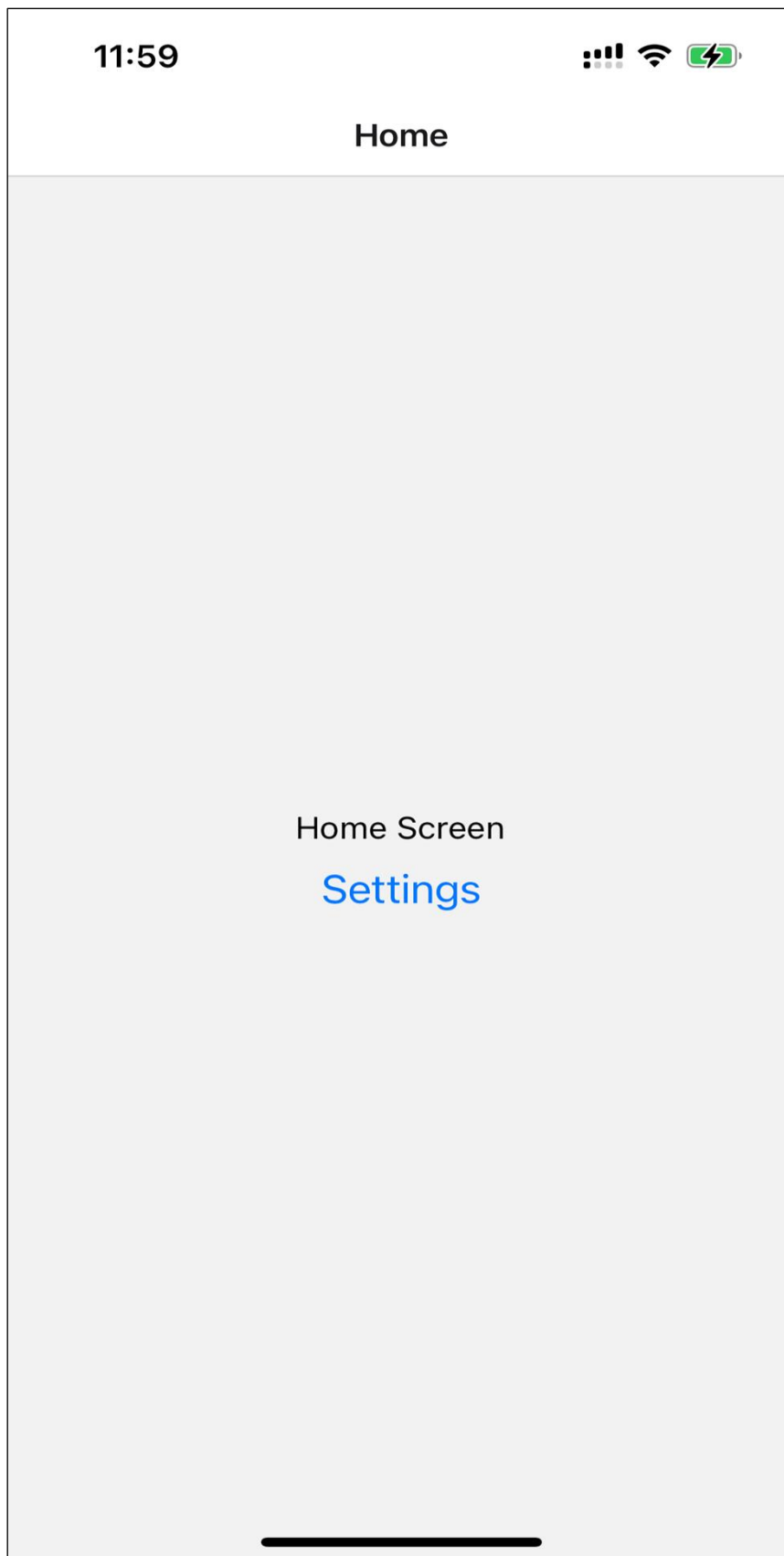
#9

#10

| | | | | | | |
|----|----|-----|----|----|----|----|
| #1 | #2 | #3 | #4 | #5 | #6 | #7 |
| #8 | #9 | #10 | | | | |

| | | |
|---------|----------|--|
| Carrier | 11:17 AM | |
| #1 | #3 | |
| #2 | #4 | |
| #5 | #7 | |
| #6 | #8 | |
| #9 | #11 | |
| #10 | #12 | |

Chapter 19: Navigating between Screens



11:59



[< Home](#)

Settings

Settings Screen

[Home](#)

12:01



Home

Home Screen

First Item

Second Item

Third Item

12:01



[< Home](#)

Details

First Item

12:05



Home

First Item

Second Item

Third Item

12:05



[< Home](#)

First Item

[Buy](#)

First Item Content

12:05



[< Home](#)

Second Item

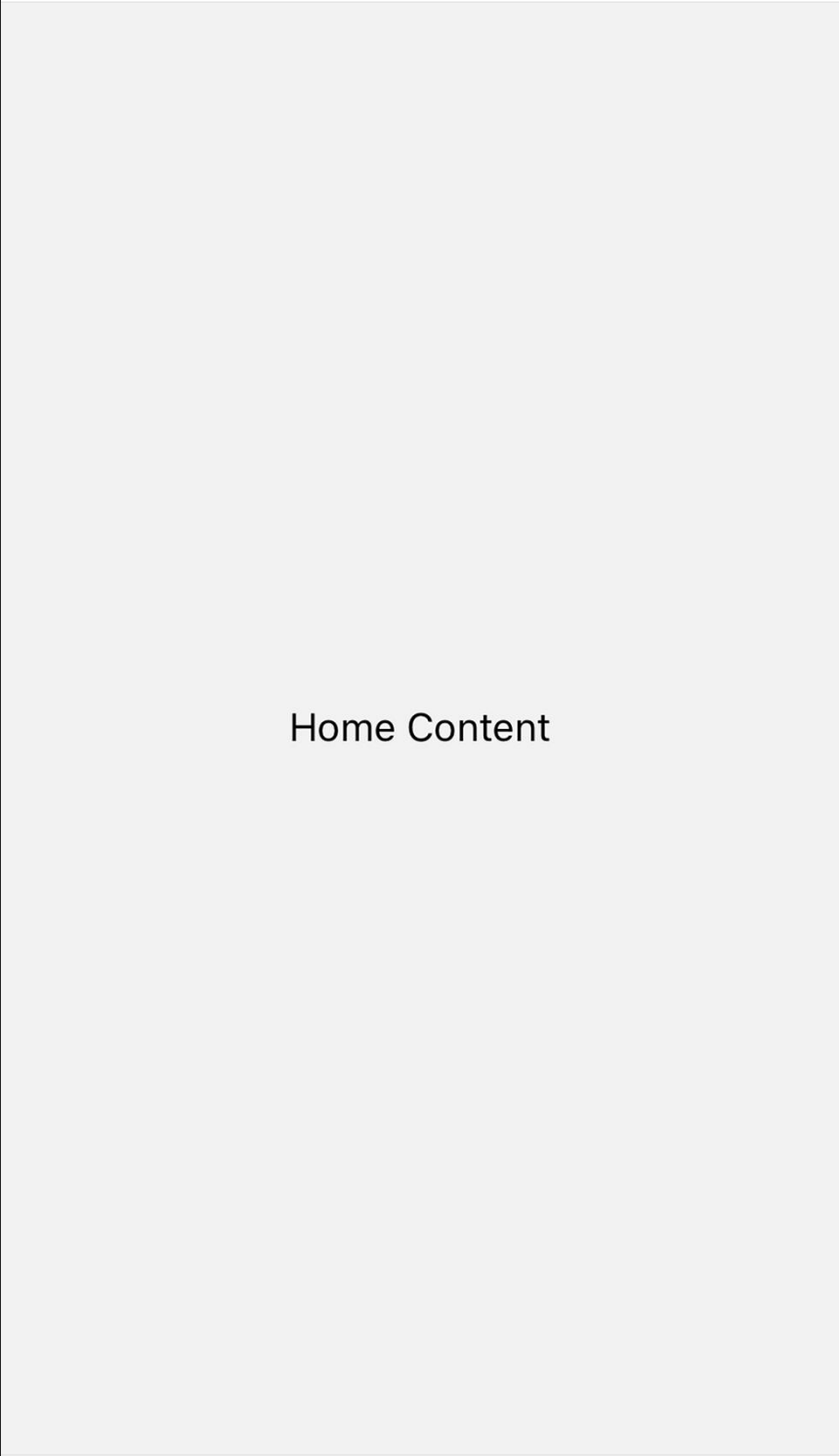
Buy

Second Item Content

12:08



Home



Home Content



Home



News



Settings

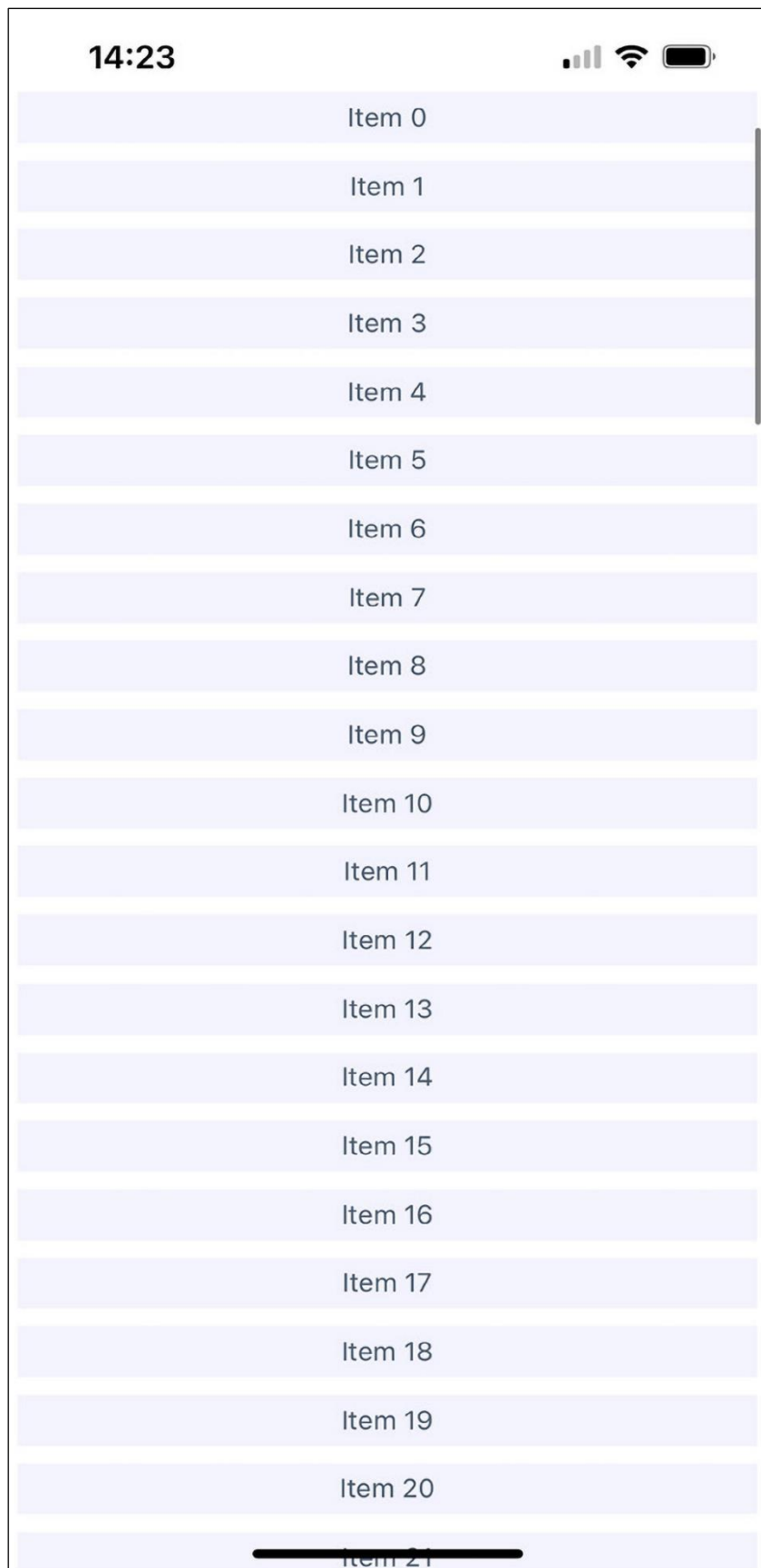


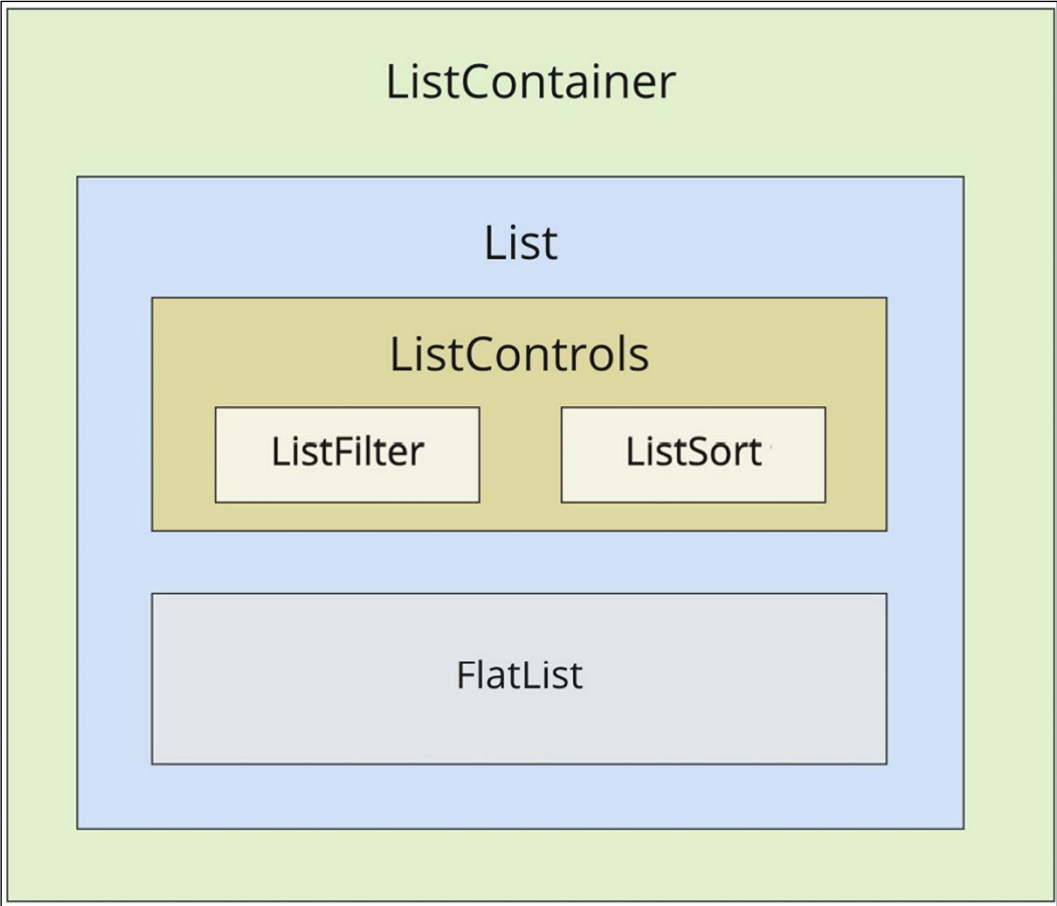
Home

News

Settings

Chapter 20: Rendering Item Lists





15:04



Search



Item 0

Item 1

Item 10

Item 11

Item 12

Item 13

Item 14

Item 15

Item 16

Item 17

Item 18

Item 19

Item 2

Item 20

Item 21

Item 22

Item 23

Item 24

Item 25

Item 26

15:53



1



Item 91

Item 81

Item 71

Item 61

Item 51

Item 41

Item 31

Item 21

Item 19

Item 18

Item 17

Item 16

Item 15

Item 14

Item 13

Item 12

Item 11

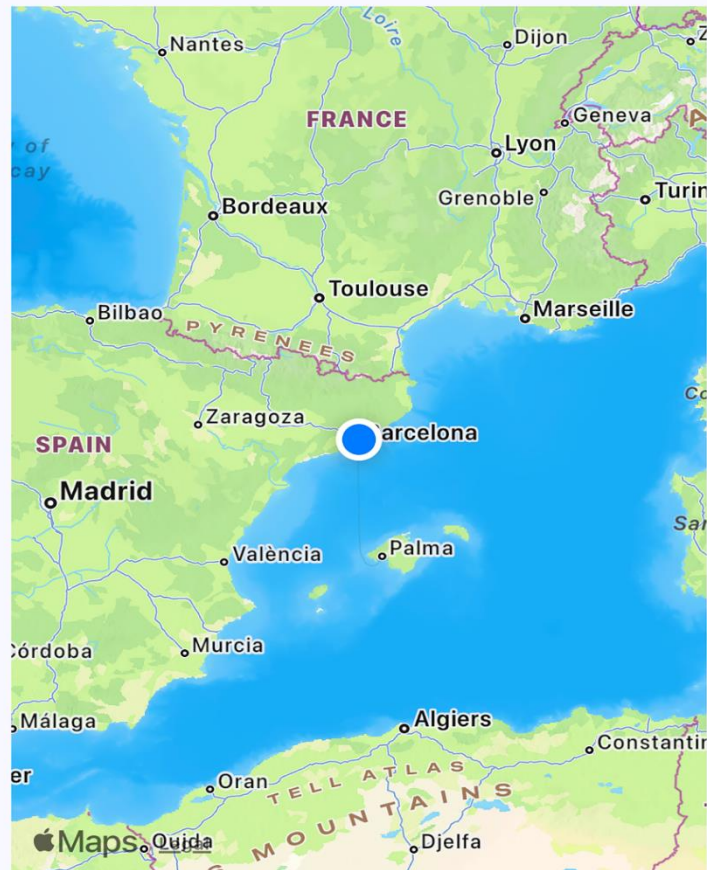
Item 10

Item 1

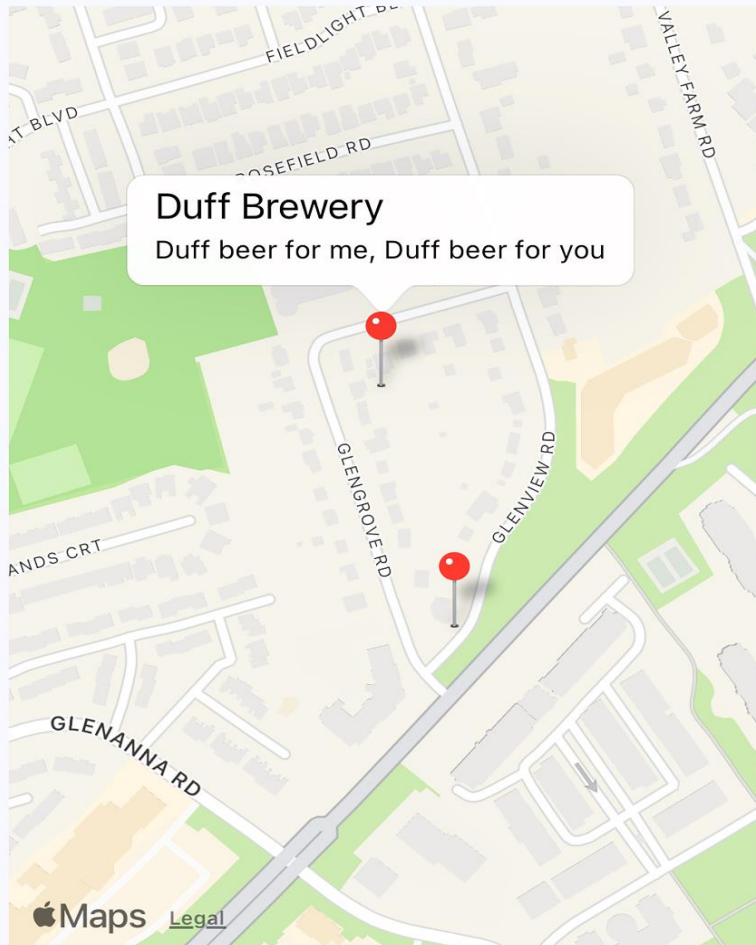
Chapter 21: Geolocation and Maps



12:31



12:35



12:37



IPA Fans
Stout Fans



12:37






IPA Fans
Stout Fans



Chapter 22: Collecting User Input

12:41



Basic Text Input:

Password Input:

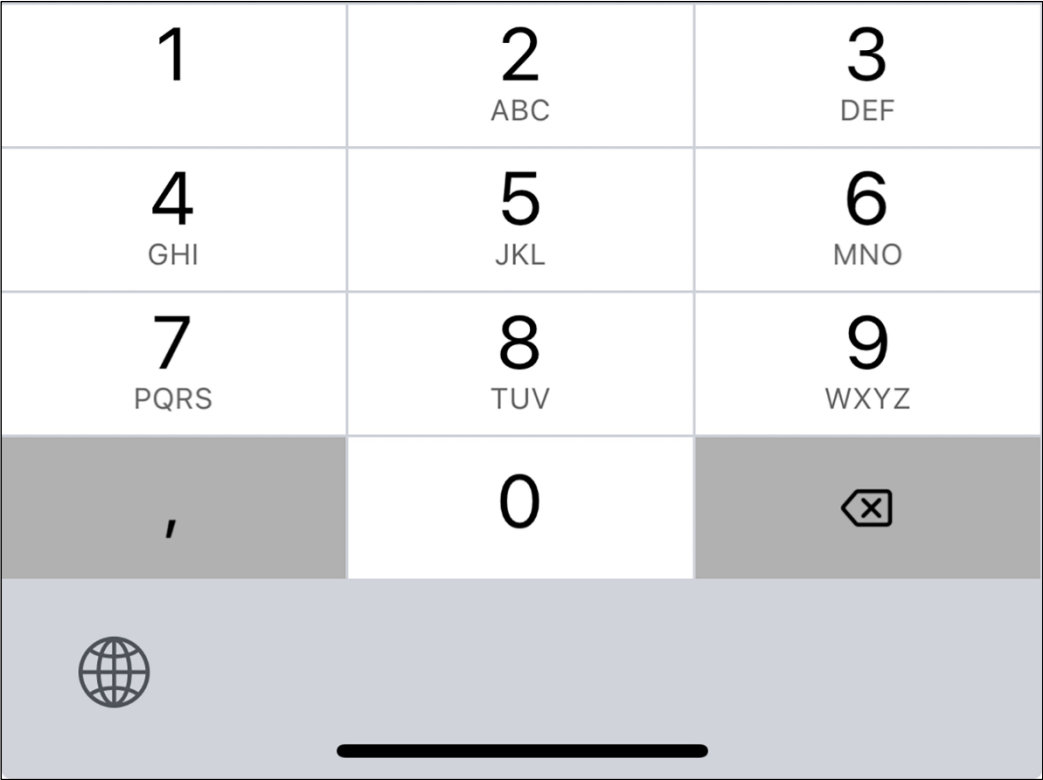
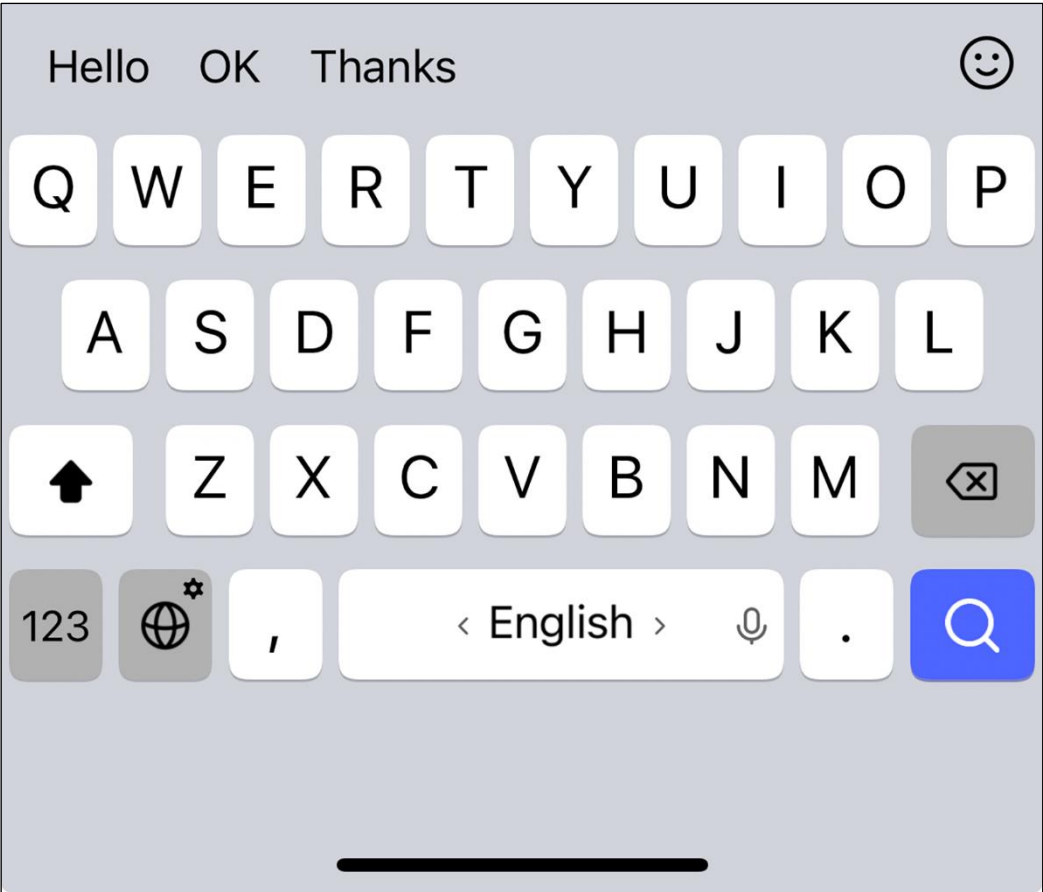
Return Key:

Placeholder Text:

Input Events:

Changed:

Submitted:



12:45



Size

S

M

L

XL

Garment

Shirt

Hat

M Shirt

Size

M ▼

Garment

Shirt ▼

M Shirt

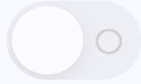
12:46



Disable Next Switch



Disable Previous Switch





12:48



Disable Next Switch



Disable Previous Switch



12:55



Pick a date, any date:

| | | |
|----|----------|------|
| 2 | December | 2020 |
| 3 | January | 2021 |
| 4 | February | 2022 |
| 5 | March | 2023 |
| 6 | April | 2024 |
| 7 | May | 2025 |
| 8 | June | 2026 |
| 9 | July | 2027 |
| 10 | August | 2028 |

Pick a time, any time:

| | |
|----|----|
| 08 | 51 |
| 09 | 52 |
| 10 | 53 |
| 11 | 54 |
| 12 | 55 |
| 13 | 56 |
| 14 | 57 |
| 15 | 58 |
| 16 | 59 |



12:56



2024

Sat, Apr 6



April 2024

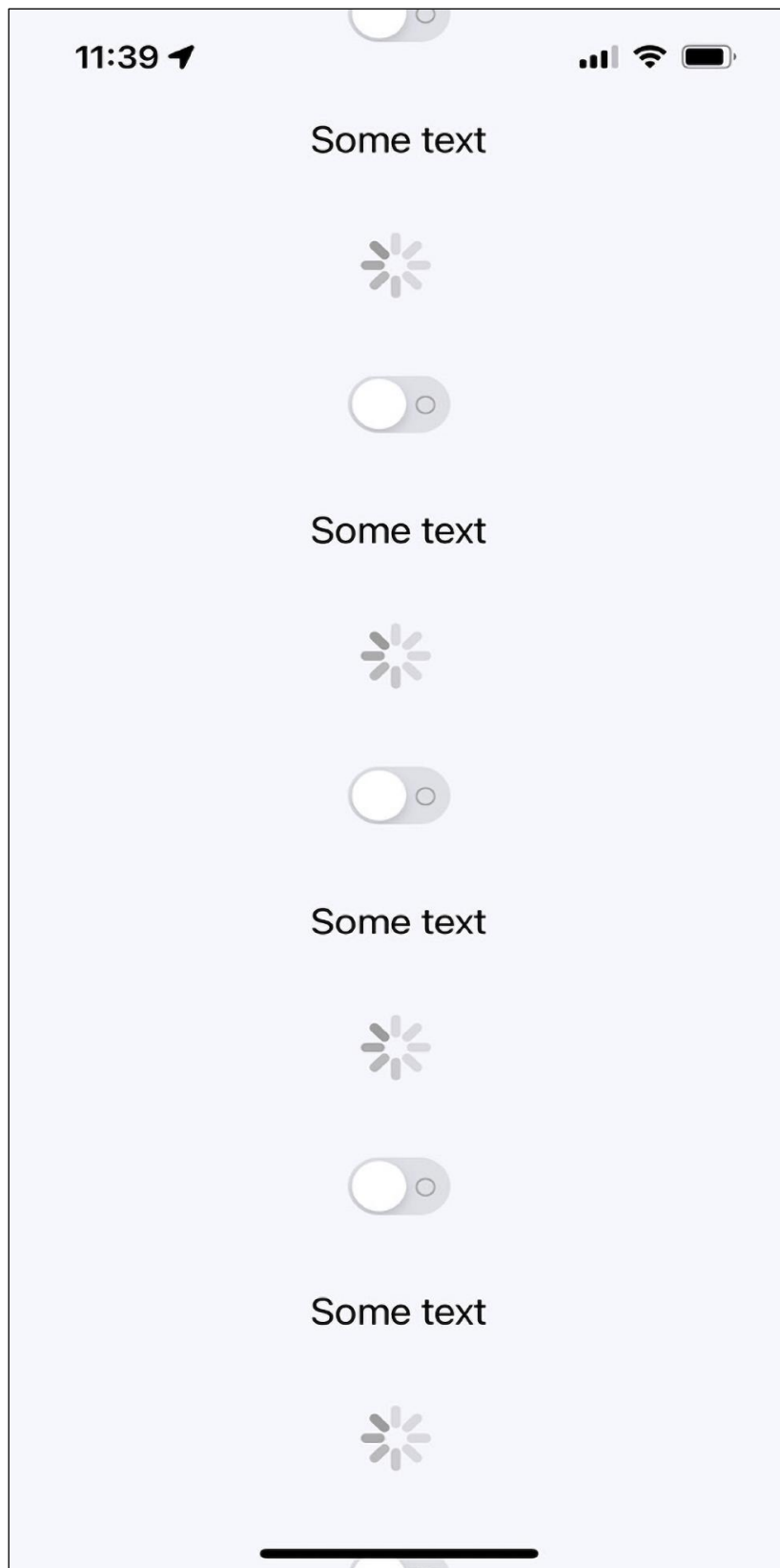


| S | M | T | W | T | F | S |
|----|----|----|----|----|----|----|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| 7 | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| 28 | 29 | 30 | | | | |

CANCEL

OK

Chapter 23: Responding to User Gestures



12:28 ↵



Opacity

Highlight

Press

12:28 ↗



Opacity

Highlight

Press

12:28 ↵



Opacity

Highlight

Pressed

12:28 ↗



Opacity

Highlight

Long Pressed

13:53



Swipe Me

Swipe Me

Swipe Me

Swipe Me

Swipe Me

Swipe Me

Swipe Me

Swipe Me

Swipe Me

Swipe Me

13:53 ↗



Swipe Me

Swipe Me

Swipe Me

Swipe Me

ipe Me

Swipe Me

Swipe Me

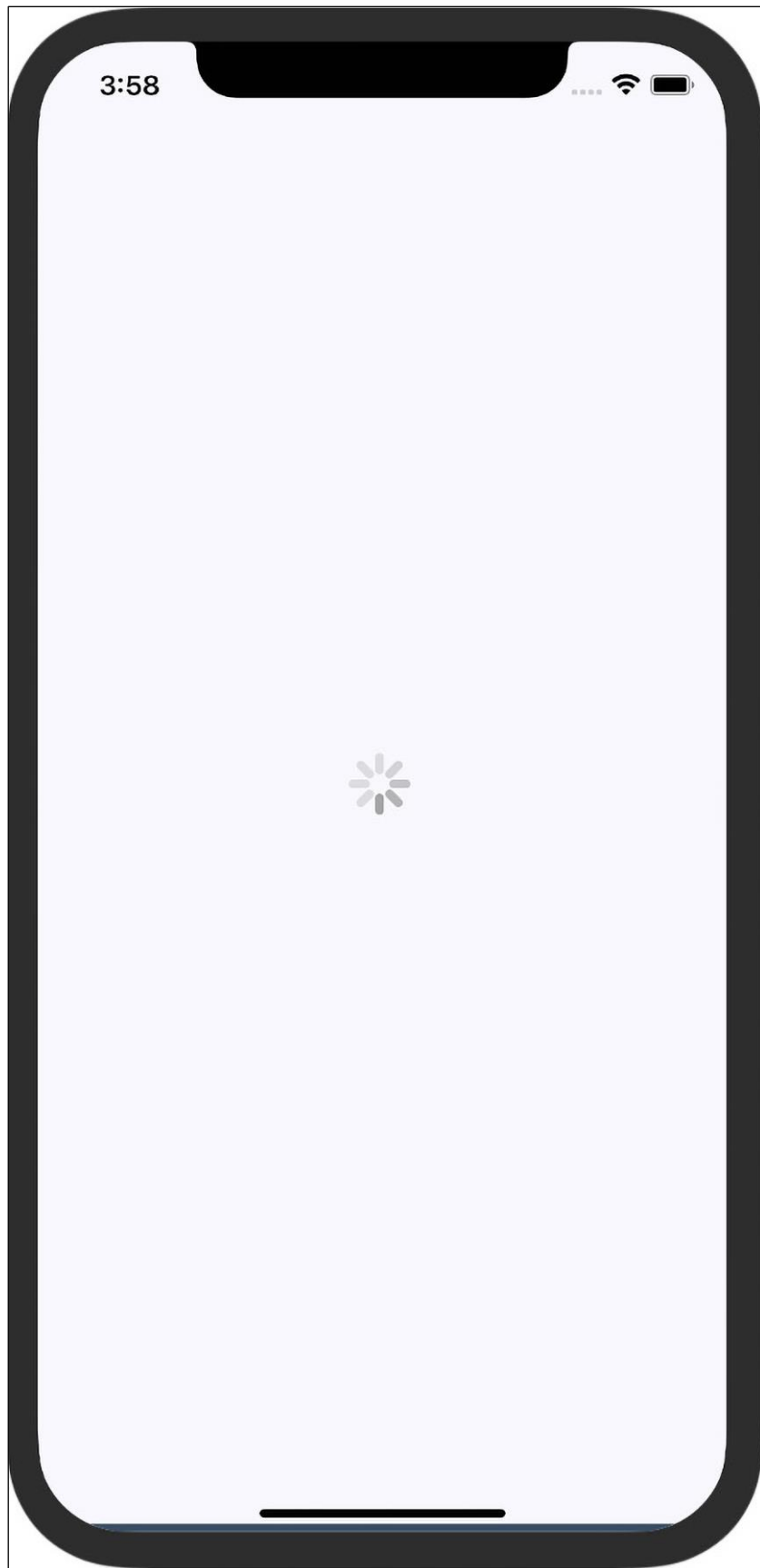
Swipe Me

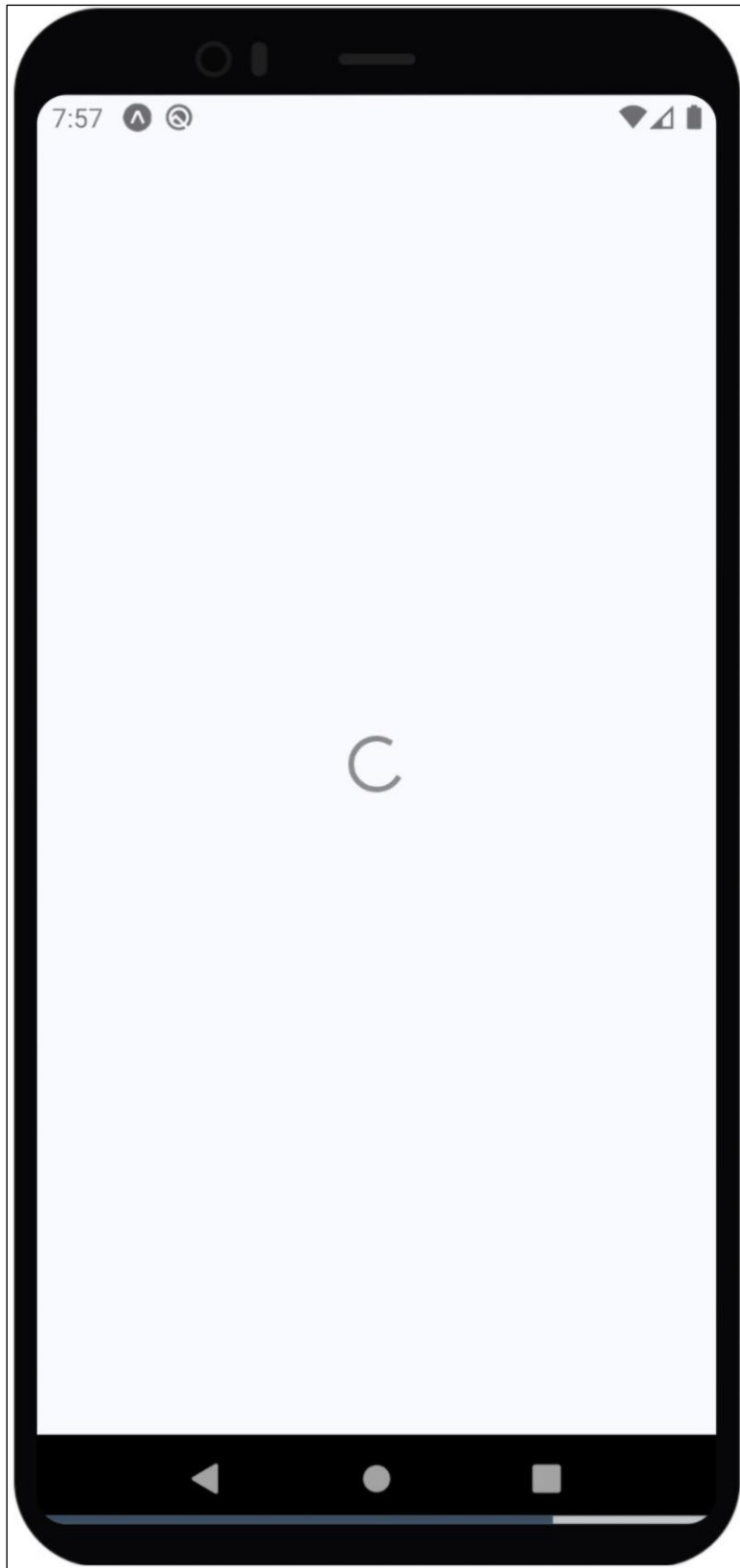
Swipe Me

Swipe Me



Chapter 24: Showing Progress





12:59



29%



13:22



Prev

First

Next



First Content



13:22



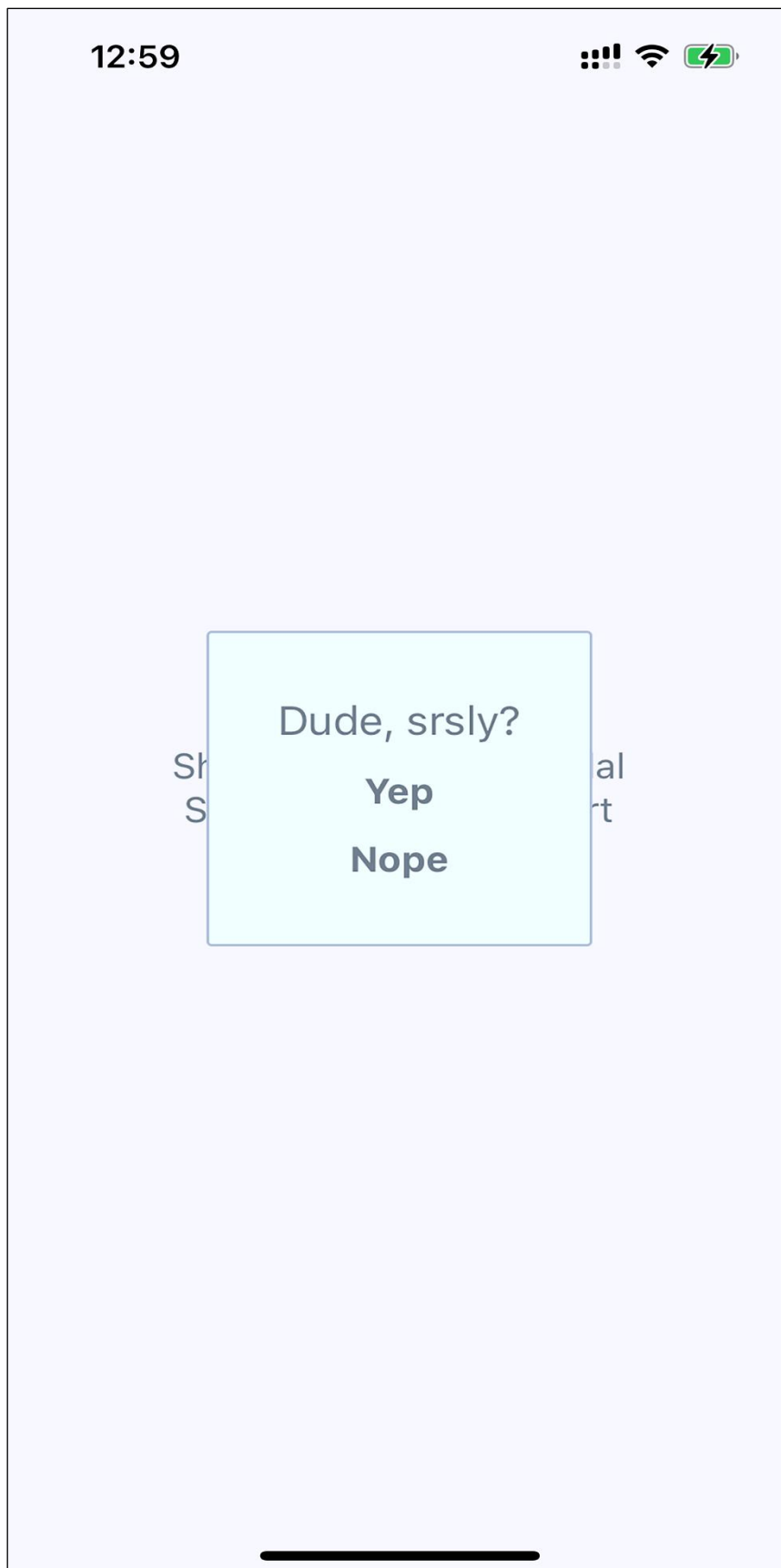
[Prev](#)

Third

[Next](#)

Third Content

Chapter 25: Displaying Modal Screens



12:59



Are you sure?

For real?

Nope

Yep



12:59



Are you sure?

For real?

NOPE

YEP

13:01



Epic fail!

Fix it

Ignore it

13:01



Failed to do the thing...

Dismiss



1:03



Show Notification

Something happened!

13:03 ↗



Show Notification

Something happened!

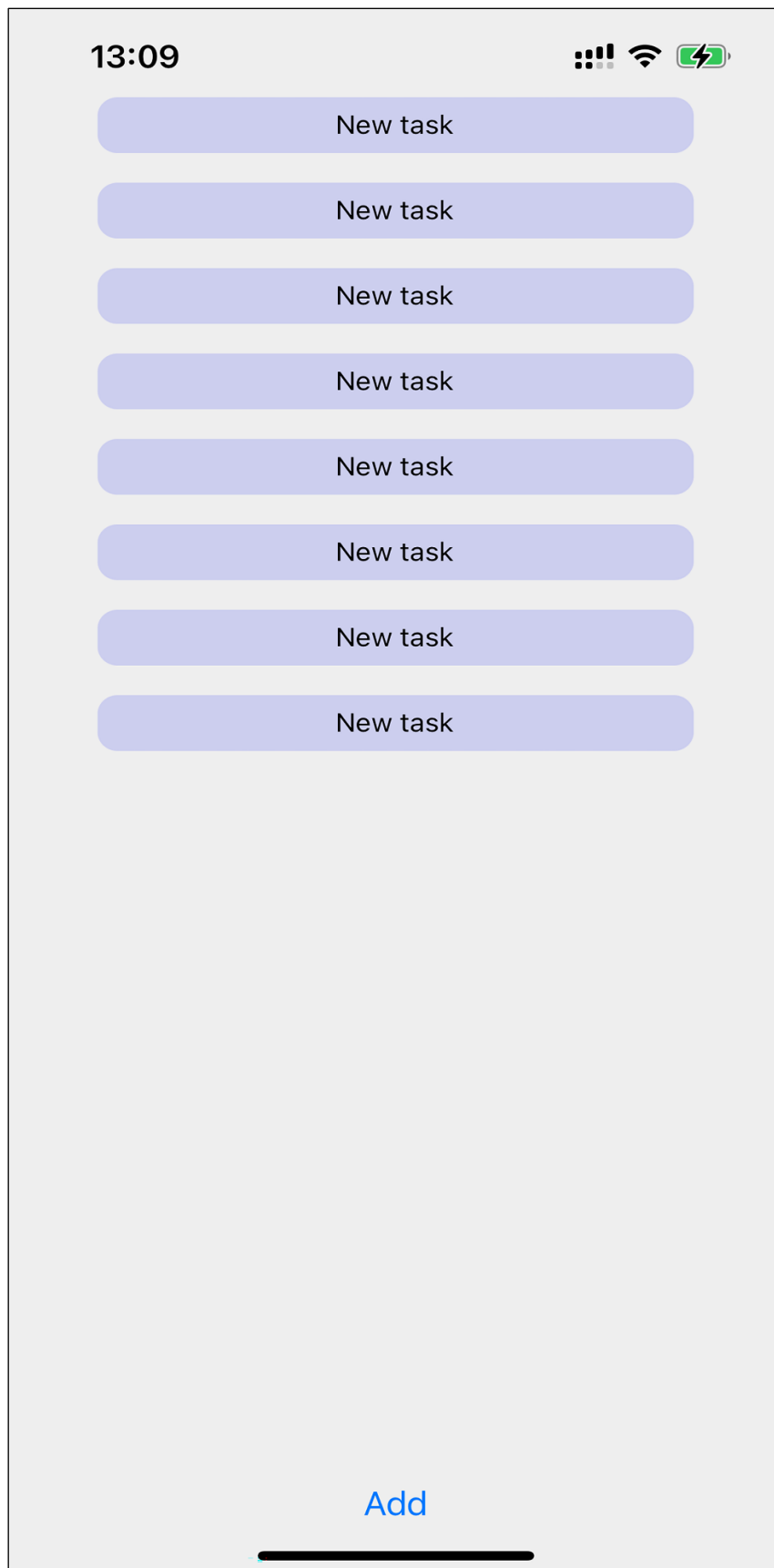
13:06



Fetch Stuff...



Chapter 26: Using Animations



14:10 ↗



New task

New task

New task

New task

New task

Add

14:10 ↗



New task

New task

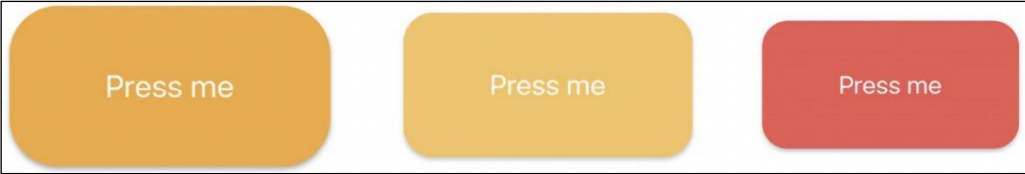
New task

New task

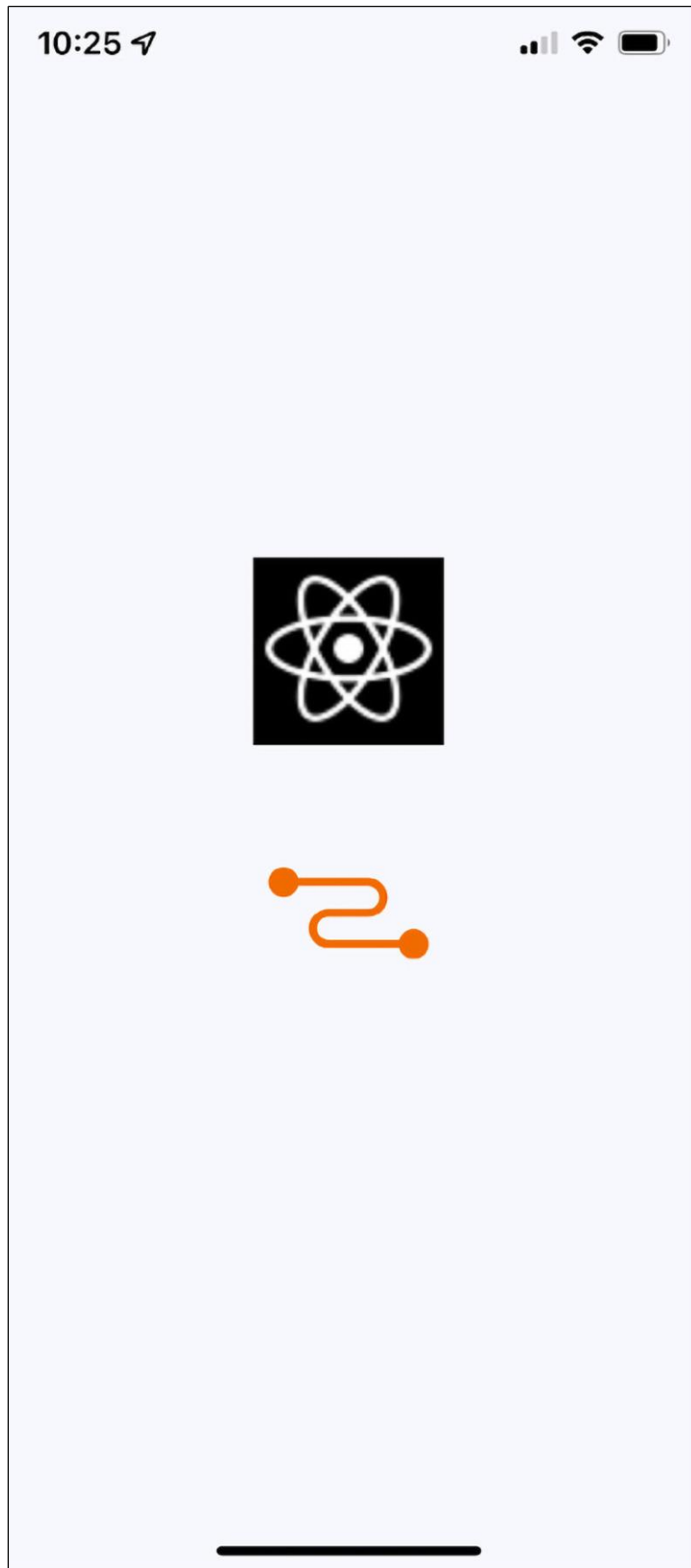
New task

New task

Add



Chapter 27: Controlling Image Display



10:36 ↶



Width: 100
Height: 100



10:36 ↗



Width: 50
Height: 50



10:36 ↗



Width: 150
Height: 150



10:55 ↗



Load Remote

10:55 ↗



Load Remote




















11:14



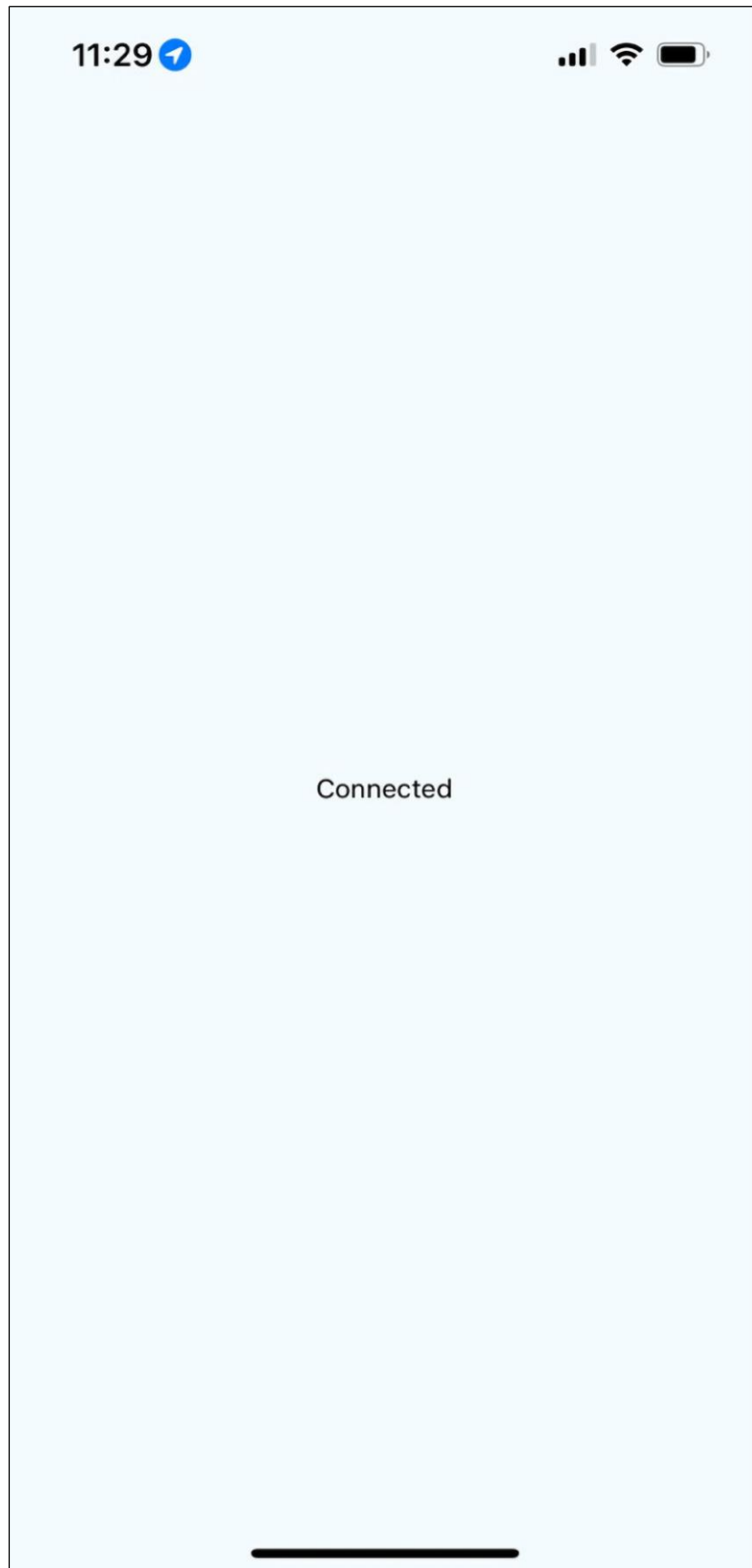
Web Application Icons


Accessibility Icons

Hand Icons

-  adjust
-  american-sign-language-interpreting
-  anchor
-  archive
-  area-chart
-  arrows
-  arrows-h
-  arrows-v
-  assistive-listening-systems
-  asterisk
-  at
-  audio-description
-  balance-scale
-  ban
-  bar-chart
-  barcode
-  bars
-  battery-empty
-  battery-full

Chapter 28: Going Offline



11:29 



Disconnected

11:45 ↗



Key:

Foo

Value:

Bar

Add

Clear

World (Hello)

13:40 ↗



Saved Offline

First



Second



Third

