**Chapter 1 Intro**

What is React

JavaScript library for building user interfaces

React is a View layer library, not a frame work like Backbone or angular

Why is it compelling ?

Declarative & Composable

Virtual Dom

One-way data flow

Declarative & Composable

Text

Description automatically generated with medium confidence

Graphical user interface, text, application, email

Description automatically generated

Graphical user interface, text

Description automatically generated with medium confidence

1.3 State Machines

Graphical user interface, text, application, chat or text message

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Diagram

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Diagram

Description automatically generated

Graphical user interface, text

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1.4 First Component

First Component

JSX : Java Script and XML

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1.5 Class components

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Graphical user interface, text

Description automatically generated

Text

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Text, application, email

Description automatically generated

1.6 States

State establishes Reactive relation between component and UI

Counter app

Text

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**Chapter 2 Lifecycle Methods**

**2.1 Mounting**

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**Graphical user interface, text, application, email

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**Graphical user interface, text, application

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**Text, letter

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**2.2 Updating**

**Text, letter

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**Text

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**Graphical user interface, text, application

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**Text

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**Graphical user interface, text, application

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**Diagram

Description automatically generated2.3 Unmounting**

**Text

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**2.4**

**2.4 Error handling using Error boundaries**

**Text, letter

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**Graphical user interface, text, application, email

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**Chapter 3 Hooks**

**Graphical user interface, text, application, chat or text message

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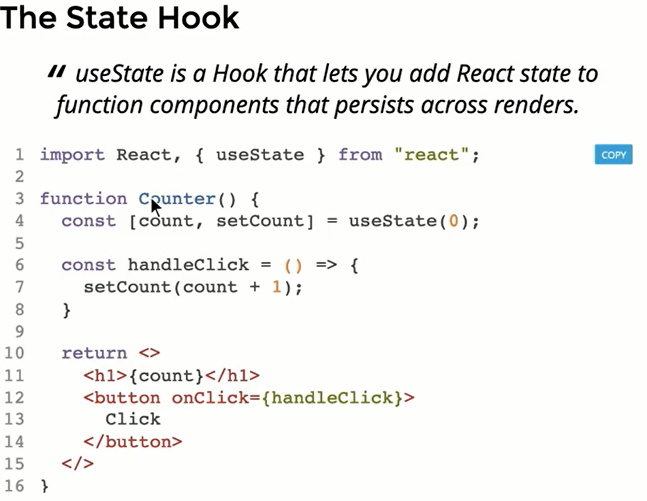
**Graphical user interface, text, application

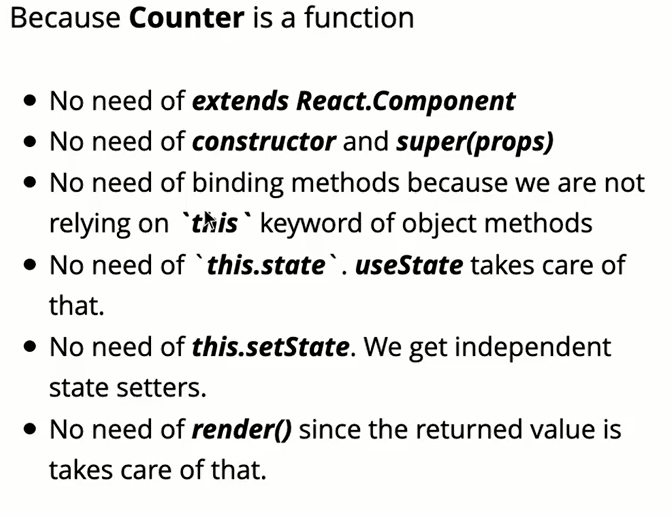
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**Graphical user interface, text, application

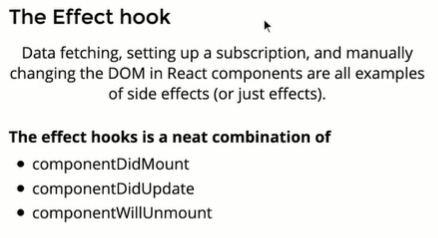
Description automatically generated**

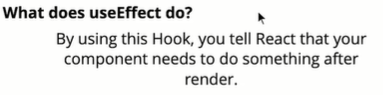
**3.1 The State Hook**

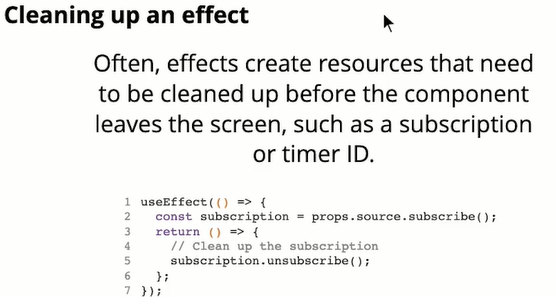
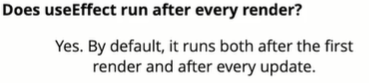
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**3.2 – 3.3 The Effect Hook**

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**3.4 The Ref Hook**

**Graphical user interface, text, application, email

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**Text

Description automatically generated**

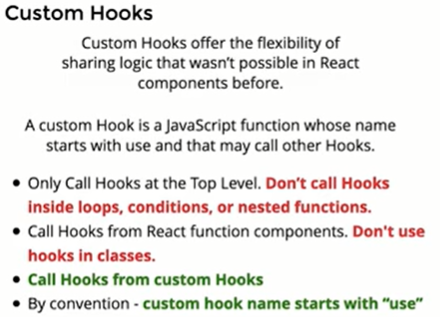
**3.5 The Reducer**

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**3.6 Custom Hooks**

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