



JONAS SCHMEDTMANN

# THE ULTIMATE REACT COURSE

 @JONASSCHMEDTMAN

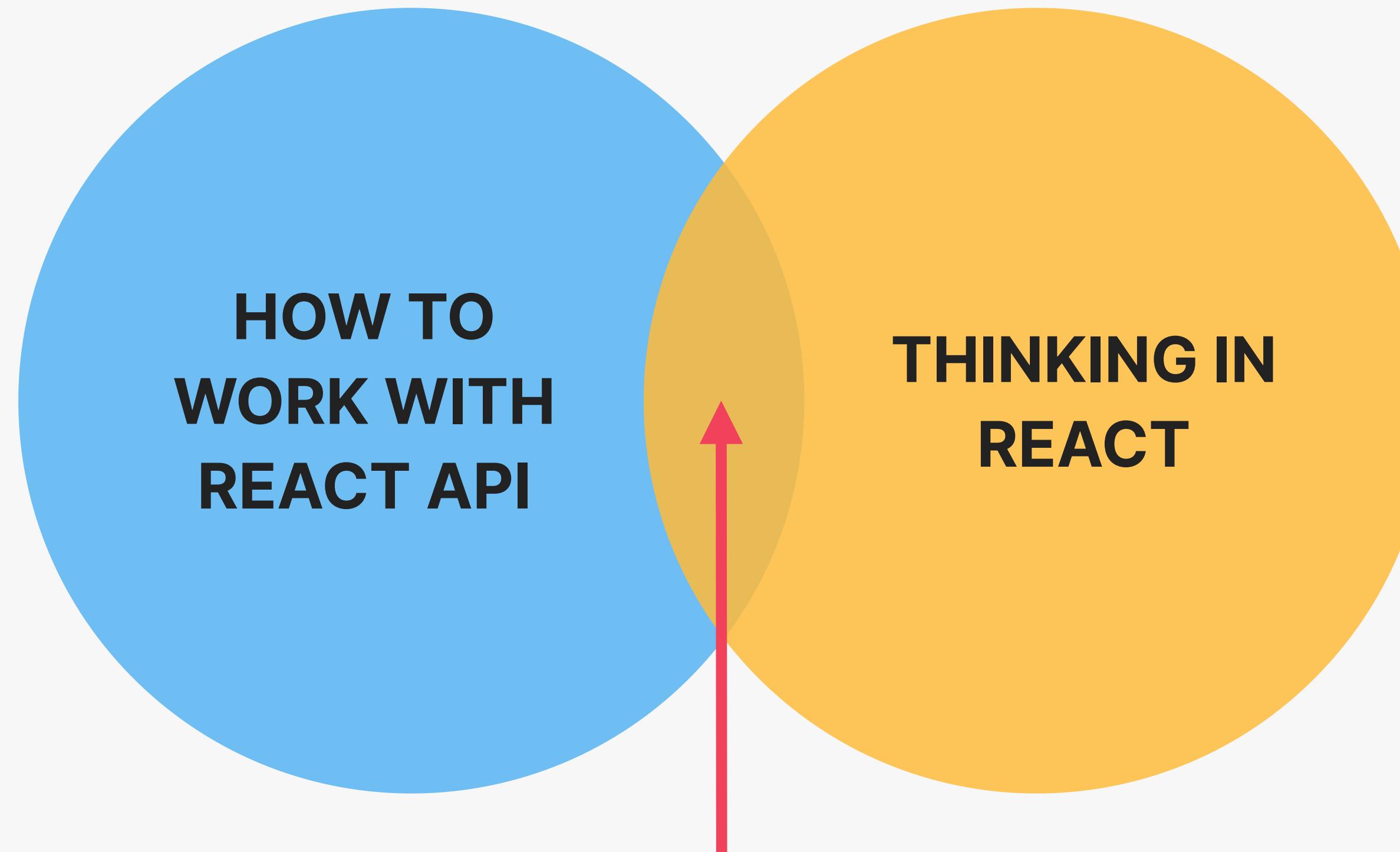
## SECTION

THINKING IN REACT: STATE  
MANAGEMENT

## LECTURE

WHAT IS "THINKING IN REACT"?

# “THINKING IN REACT” IS A CORE SKILL



This is where professional  
React apps are built

## THINKING IN REACT

- 👉 “React Mindset”
- 👉 Thinking about components, state, data flow, effects, etc.
- 👉 Thinking in **state transitions**, not element mutations

# “THINKING IN REACT” AS A PROCESS

Not a rigid process

## THE “THINKING IN REACT” PROCESS:

- 1 Break the desired UI into **components** and establish the **component tree**
- 2 Build a **static** version in React (without state)
- 3 Think about **state**:
  - 👉 When to use state
  - 👉 Types of state: local vs. global
  - 👉 Where to place each piece of state
- 4 Establish **data flow**:
  - 👉 One-way data flow
  - 👉 Child-to-parent communication
  - 👉 Accessing global state

State  
management

## WHEN YOU KNOW HOW TO “THINK IN REACT”, YOU WILL BE ABLE TO ANSWER:

- 🤔 How to break up a UI design into components?
- 🤔 How to make some components reusable?
- 🤔 How to assemble UI from reusable components?
- 🤔 What pieces of state do I need for interactivity?
- 🤔 Where to place state? (What component should “own” each piece of state?)
- 🤔 What types of state can or should I use?
- 🤔 How to make data flow through app?