

Smooth Animations With React and

Frame Motion is an open source React library to power production-

Animations with Framer Motion

Framer Motion is the successor to the Pose animation library. Like Pose, it

provides a declarative API to power animations and gestures in your React

app. Motion attempts to make the API both simpler for the simplest cases

Framer Motion

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What is Framer Motion?

and more flexible to handle advanced cases.

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ready animations

Most toggles have two states: either they're on or off, true or false. Let's create a toggle component that turns off or on, depending on its current state. import React, { useState } from "react"; 2 import { motion } from "framer-motion"; 3 const styles = { 4 borderRadius: 30, 5 width: 100, 6 7 height: 100, 8 margin: "auto", display: "flex", 9 justifyContent: "center", 10 alignItems: "center", 11 color: "white", cursor: "pointer" 13 14 }; 15 const variants = { 16 active: { 17 18 opacity: 1, background: "#7fffd4", 19 x: "-50px", 20 scale: 1.5, color: "#333" 23 }, inActive: { 24 opacity: 1, background: "#f95c5c", 27 x: "50px", scale: 1, color: "white" 29 30 31 }; 33 export const Toggle = () => { 34 const [isToggled, setToggle] = useState(false); 35 return (<motion.div 36 onClick={() => setToggle(!isToggled)} 38 style={styles} animate={isToggled ? "active" : "inActive"} variants={variants} 40 41 42 {isToggled ? "on" : "off"} </motion.div> 43 44); 45 }; view raw toggle.js hosted with | by GitHub toggle.js component The key point to take away here is the variant prop on our motion element. Variants let us define multiple states for our animations. Variants are pre-defined visual states that a component can be in. By giving a component and its children variants with matching names, whole React trees can be animated by changing a single prop. By using variants, a parent can easily orchestrate the animations of its children with special transition props like staggerChildren. Variants can also be dynamic functions that return different props based on data passed to each component's custom prop. Note: Notice how we're using hooks. If hooks are new to you, check out this article. **Demystifying React Hooks** archFieldChange] You probably heard about the new concept for React called hooks. Hooks were released in React version 16.8 and they let... codeburst.io

Where to go Next Check out the full list of properties, custom hooks, and cool animations you can do with Framer Motion. It's an animation library well worth learning, and it will boost your app visuals by a huge margin. Framer Motion API An open source, production-ready motion library for React on the web www.framer.com Source Code Here's the source code and the code sandbox if you want to try playing around with Framer Motion. indreklasn/react-framer-motion-examples Created with CodeSandbox. Contribute to indreklasn/react-framer-motionexamples development by creating an account on... github.com Open in Editor new https://9pecp.codesandbox.io/

Console

Thanks for reading!

JavaScript

104 claps

WRITTEN BY

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