

Advanced React

Module 3 Advanced React

Package/Method	Description	Code Example
Hooks	Functions called hooks enable "hooking into" features of the React state and lifecycle from function components.	<div>1. 1</div> <div>2. 2</div> <div>3. 3</div> <div>4. 4</div> <div>5. 5</div> <div>6. 6</div> <div>7. 7</div> <pre>1. import React, {useState} from 'react'; 2. function CntApp() { 3. const [count, setCount] = useState(0); 4. return (YouClicked{count}many times 5. <button onClick={() => setCount(count+1)}>Clickme</button> 6.); 7. export default CntApp;</pre> <div>Copied!</div> <div>1. 1</div> <div>2. 2</div> <div>3. 3</div> <div>4. 4</div> <div>5. 5</div> <div>6. 6</div> <div>7. 7</div> <div>8. 8</div> <div>9. 9</div> <div>10. 10</div> <div>11. 11</div> <div>12. 12</div> <div>13. 13</div> <div>14. 14</div> <div>15. 15</div> <div>16. 16</div> <div>17. 17</div> <div>18. 18</div>
React Forms	React makes use of forms to enable user interaction with the website.	<div>1. 1</div> <div>2. 2</div> <div>3. 3</div> <div>4. 4</div> <div>5. 5</div> <div>6. 6</div> <div>7. 7</div> <div>8. 8</div> <div>9. 9</div> <div>10. 10</div> <div>11. 11</div> <div>12. 12</div> <div>13. 13</div> <div>14. 14</div> <div>15. 15</div> <div>16. 16</div> <div>17. 17</div> <div>18. 18</div> <pre>1. import React, {Component} from "react"; 2. export default functionApp() { 3. const [email, setEmail] = React.useState(""); 4. const [password, setPassword] = React.useState(""); 5. const handleSubmit = (event) => { 6. console.log(`Email: \${email}Password: \${password}`); 7. event.preventDefault(); 8. } 9. return (< formonSubmit = { 10. handleSubmit 11. } > 12. < h1 > Registration < /h1> 13. <label> Email:< input name="email" type="email" value={email} 14. onChange={e => setEmail(e.target.value)} required/ > < /label> 15. <label>Password:<input name="password" type="password" value={password} 16. onChange={e => setPassword(e.target.value)}required/></label> 17. <button>Submit</button> 18. </form>);</pre> <div>Copied!</div>
Redux	Redux is a state management library that is often used with React to handle the state of your application. An application state is like a global object which holds information that you use for various purposes later in the app.	<div>1. 1</div> <div>1. \$ npm install redux react-redux --save</div> <div>Copied!</div>



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