React Bootstrap is a popular front-end framework that brings the power of Bootstrap to React applications. It provides a collection of reusable components that are styled using Bootstrap but are implemented as React components. This makes it easier to build responsive and visually appealing web applications with React.

**Installation**

To use React Bootstrap in your project, you need to install the necessary packages. You can do this using npm or yarn:

bash

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npm install react-bootstrap bootstrap

or

bash

Copy code

yarn add react-bootstrap bootstrap

**Basic Usage**

After installing the packages, you need to import the necessary CSS and components in your React application.

1. **Import Bootstrap CSS:** Add the following line to your **src/index.js** or **src/App.js** to include the Bootstrap CSS file:

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import 'bootstrap/dist/css/bootstrap.min.css';

1. **Import React Bootstrap Components:** You can now import and use React Bootstrap components in your application. Here’s a simple example:

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import React from 'react'; import { Button, Navbar, Nav, Form, FormControl } from 'react-bootstrap'; function App() { return ( <div> <Navbar bg="dark" variant="dark"> <Navbar.Brand href="#home">React Bootstrap</Navbar.Brand> <Nav className="mr-auto"> <Nav.Link href="#home">Home</Nav.Link> <Nav.Link href="#features">Features</Nav.Link> <Nav.Link href="#pricing">Pricing</Nav.Link> </Nav> <Form inline> <FormControl type="text" placeholder="Search" className="mr-sm-2" /> <Button variant="outline-info">Search</Button> </Form> </Navbar> </div> ); } export default App;

**Commonly Used Components**

Here are some commonly used React Bootstrap components:

* **Buttons:** Used to trigger actions.

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import { Button } from 'react-bootstrap'; <Button variant="primary">Primary Button</Button>

* **Forms:** Used to create input forms.

javascript

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import { Form, FormControl, FormGroup, FormLabel } from 'react-bootstrap'; <Form> <FormGroup controlId="formBasicEmail"> <FormLabel>Email address</FormLabel> <FormControl type="email" placeholder="Enter email" /> </FormGroup> <Button variant="primary" type="submit"> Submit </Button> </Form>

* **Navbars:** Used to create navigation bars.

javascript

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import { Navbar, Nav } from 'react-bootstrap'; <Navbar bg="dark" variant="dark"> <Navbar.Brand href="#home">Navbar</Navbar.Brand> <Nav className="mr-auto"> <Nav.Link href="#home">Home</Nav.Link> <Nav.Link href="#features">Features</Nav.Link> <Nav.Link href="#pricing">Pricing</Nav.Link> </Nav> </Navbar>

* **Modals:** Used to display dialog boxes.

javascript

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import { Modal, Button } from 'react-bootstrap'; import { useState } from 'react'; function App() { const [show, setShow] = useState(false); const handleClose = () => setShow(false); const handleShow = () => setShow(true); return ( <> <Button variant="primary" onClick={handleShow}> Launch demo modal </Button> <Modal show={show} onHide={handleClose}> <Modal.Header closeButton> <Modal.Title>Modal heading</Modal.Title> </Modal.Header> <Modal.Body>Woohoo, you're reading this text in a modal!</Modal.Body> <Modal.Footer> <Button variant="secondary" onClick={handleClose}> Close </Button> <Button variant="primary" onClick={handleClose}> Save Changes </Button> </Modal.Footer> </Modal> </> ); } export default App;

**Documentation**

For more detailed information on the components and their usage, you can refer to the official React Bootstrap documentation: React Bootstrap Documentation

Using React Bootstrap can significantly speed up your development process by providing pre-built components that adhere to Bootstrap's design principles while still being flexible and customizable for your specific needs.

The `style` prop expects a mapping from style properties to values, not a string. For example, style={{marginRight: spacing + 'em'}} when using JSX.

import React from 'react';

import './login.css';

import {

  MDBBtn,

  MDBContainer,

  MDBRow,

  MDBCol,

  MDBInput

}

from 'mdb-react-ui-kit';

function login() {

  return (

    <MDBContainer className="my-5 gradient-form">

      <MDBRow>

        <MDBCol col='6' className="mb-5">

          <div className="d-flex flex-column ms-5">

            <div className="text-center">

              <img src="https://mdbcdn.b-cdn.net/img/Photos/new-templates/bootstrap-login-form/lotus.webp"

                style={{width: '185px'}} alt="logo" />

              <h4 className="mt-1 mb-5 pb-1">Digital Lync</h4>

            </div>

            <span className='ml-3'>USERNAME</span><MDBInput wrapperClass='mb-4' label='' id='form1' type='email' placeholder='username'/>

            <span>USERNAME</span><MDBInput wrapperClass='mb-4' label='' id='form2' type='password' placeholder='password'/>

            <div className="text-center pt-1 mb-5 pb-1">

              <MDBBtn className="mb-4 w-100 gradient-custom-2">Sign in</MDBBtn>

              <a className="text-muted" href="#!">Forgot password?</a>

            </div>

            <div className="d-flex flex-row align-items-center justify-content-center pb-4 mb-4">

              <p className="mb-0">Don't have an account?</p>

              <MDBBtn outline className='mx-2' color='danger'>

                Danger

              </MDBBtn>

            </div>

          </div>

        </MDBCol>

        <MDBCol col='6' className="mb-5">

          <div className="d-flex flex-column  justify-content-center gradient-custom-2 h-100 mb-4">

            <div className="text-white px-3 py-4 p-md-5 mx-md-4">

              <h4 class="mb-4">We are more than just a company</h4>

              <p class="small mb-0">Lorem ipsum dolor sit amet, consectetur adipisicing elit, sed do eiusmod

                tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud

                exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat.

              </p>

            </div>

          </div>

        </MDBCol>

      </MDBRow>

    </MDBContainer>

  );

}

export default login;