

This is the complete code from Essential React (*25 lessons, 1 hour*)

import React, { useState, useEffect } from "react";

import axios from "axios";

import ReactDom from "react-dom";

import { Button } from "@mui/material";

export default function FetchPokemon({ id }) {

  const [pokemon, setPokemon] = useState({});

  const fetchPokemon = (id) =>

    axios.get(`https://pokeapi.co/api/v2/pokemon/${id}/`);

  useEffect(() => {

    fetchPokemon(id)

      .then((res) => {

        setPokemon(res.data);

      })

      .catch((err) => {

        console.error(err);

      });

  }, [id]);

  return pokemon ? <Pokemon pokemon={pokemon} /> : <div>Loading...</div>;

}

const Pokemon = ({ pokemon }) => {

  return (

    <div>

      <h1>{pokemon.name}</h1>

      <ul>

        {pokemon.abilities &&

          pokemon.abilities.map((ability) => (

            <li key={ability.ability.name}>{ability.ability.name}</li>

          ))}

      </ul>

    </div>

  );

};

const IdPager = (props) => {

  const [pokemonId, setPokemonId] = useState(1);

  return (

    <>

      <div>

        <h1>{pokemonId}</h1>

        <Button onClick={() => setPokemonId(pokemonId - 1)}>Previous</Button>

        <Button onClick={() => setPokemonId(pokemonId + 1)}>Next</Button>

        <props.render id={pokemonId} />

      </div>

    </>

  );

};

ReactDom.render(

  <IdPager render={(props) => <FetchPokemon id={props.id} />} />,

  document.getElementById("root")

);

Style with components (*8 lessons, 15 minutes*)

import { Box, Button } from "@mui/material";

import React from "react";

import ReactDom from "react-dom";

const MuiButton = (props) => {

  return <Button variant="contained" {...props} />;

};

const PrimaryButton = (props) => {

  return <MuiButton color="success" {...props} />;

};

const ErrorButton = (props) => {

  return <MuiButton color="error" {...props} />;

};

const App = () => {

  return (

    <>

      <ErrorButton>Don't Click me</ErrorButton>

      <PrimaryButton>Click me instead</PrimaryButton>

    </>

  );

};

ReactDom.render(

  <Box sx={{ padding: "1rem" }}>

    <App />

  </Box>,

  document.getElementById("root")

);