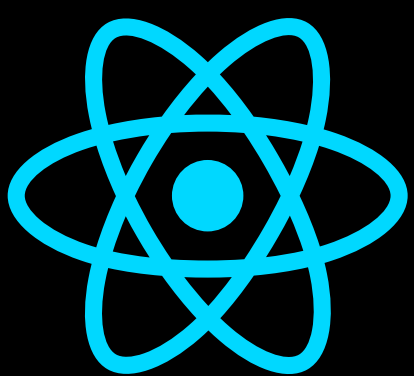
useForm hook



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Full-stack developer

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keyFeatures

- Simplicity
- Performance
- Validation
- Custom Hooks
- Community-Driven

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Installation

Installing React Hook Form only takes a single command and you're ready to roll.

```
npm install react-hook-form
```

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Input.jsx

```jsx
import { Controller } from "react-hook-form";
import "../App.css";

/**
 * Input component for form inputs.
 * @param {Object} props - The component's props.
 * @param {string} props.name - The name of the input field.
 * @param {string} props.label - The label for the input field.
 * @param {object} props.control - The `control` object from React Hook Form.
 * @param {object} props.rules - The validation rules for the input field.
 * @param {object} props.errors - The form errors object.
 * @returns {JSX.Element} - The rendered Input component.
 */
function Input({ name, label, control, rules, errors }) {
  return (
    <div className="form-group">
      <label htmlFor={name}>{label}</label>
      <Controller
        name={name}
        control={control}
        rules={rules}
        render={({ field }) => <input {...field} id={name} />}
      />
      {errors[name] && <p className="error">{errors[name].message}</p>}
    </div>
  );
}

export default Input;
```

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```jsx
import React from "react";
import { useForm } from "react-hook-form";
import "./App.css";
import Input from "./components/Input";

function MyForm() {
  const {
    control,
    handleSubmit,
    formState: { errors },
  } = useForm();

  const onSubmit = (data) => {
    console.log(data);
  };

  return (
    <div className="form-container">
      <h2>Contact Us</h2>
      <form onSubmit={handleSubmit(onSubmit)} className="my-form">
        <Input
          name="name"
          label="Name"
          control={control}
          rules={{ required: "Name is required" }}
          errors={errors}
        />

        <Input
          name="email"
          label="Email"
          control={control}
          rules={{ required: "Email is required", pattern: /^\S+@\S+$/i }}
          errors={errors}
        />

        <button type="submit" className="submit-button">
          Submit
        </button>
      </form>
    </div>
  );
}
export default MyForm;
```

validation rules ←

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Contact Us

Name

Name is required

Email

Email is required

Submit

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THANKS FOR READING 👋

I hope you enjoyed and find this post useful.

https://react-hook-form.com/

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