

Migrating from React Hook Form to Formik

Step 1: Removing React Hook Form packages

You can uninstall the following if you no longer need them:

```
npm uninstall react-hook-form @hookform/resolvers
```

Step 2: Install Formik

```
npm install formik
```

You probably already have these installed:

```
npm install yup @mui/material
```

Step 3: Use the same Yup schema

```
// validationSchema.js
import * as yup from 'yup';

const schema = yup.object().shape({
  name: yup.string().required('Name is required').min(2).max(50),
  email: yup.string().email('Invalid email').required('Email is required'),
  message: yup.string().required('Message is required').min(10).max(500),
});

export default schema;
```

Step 4: Update `TextInput.jsx` for Formik

Make `TextInput` compatible with Formik's `Field`:

Formik's `Field` will automatically inject `field` and `form` props.

```
// TextInput.jsx
import React from 'react';
import TextField from '@mui/material/TextField';

const TextInput = ({ field, form, label, multiline = false,
rows, ...props }) => {
  const error = form.touched[field.name] &&
form.errors[field.name];
  return (
    <TextField
      {...field}
      {...props}
      fullWidth
      variant="outlined"
      label={label}
      multiline={multiline}
      rows={rows}
      error={!!error}
      helperText={error}
    />
  );
};

export default TextInput;
```

Step 5: Replace **ContactForm.jsx** With Formik logic

Replace your **useForm()** logic with **Formik**, **Field**, and **Form**.

```
// ContactForm.jsx
import React from 'react';
import { Formik, Form, Field } from 'formik';
import TextInput from './TextInput';
import SubmitButton from './SubmitButton';
import schema from '../validationSchema';
import { Box } from '@mui/material';

const ContactForm = () => {
  const initialValues = { name: '', email: '', message:
'' };

```

```

const handleSubmit = (values, actions) => {
  alert(JSON.stringify(values, null, 2));
  actions.setSubmitting(false);
  actions.resetForm();
};

return (
  <Formik
    initialValues={initialValues}
    validationSchema={schema}
    onSubmit={handleSubmit}
  >
    {() => (
      <Form>
        <Box mb={2}>
          <Field name="name" label="Name"
component={TextInput} />
        </Box>
        <Box mb={2}>
          <Field name="email" label="Email"
component={TextInput} />
        </Box>
        <Box mb={2}>
          <Field
            name="message"
            label="Message"
            component={TextInput}
            multiline
            rows={4}
          />
        </Box>
        <SubmitButton>Submit</SubmitButton>
      </Form>
    )}
  </Formik>
);
};

export default ContactForm;

```

Step 6: **App.jsx** can stay the same

```
// App.jsx
import React from 'react';
import Container from '@mui/material/Container';
import ContactForm from '../components/ContactForm';

const App = () => (
  <Container maxWidth="sm">
    <h1>Contact Us</h1>
    <ContactForm />
  </Container>
);

export default App;
```