

15. Component - InputField

#component #reactjs #chakraui #formik #frontend #component

- A reusable **React** component utilizing **chakraUI** for text input
- **InputFieldProps** type is defined to pass **props** into **useField()** - which requires **{ name: string }**
- <https://formik.org/docs/api/useField>
- **field**: An object containing **onChange**, **onBlur**, **name**, and **value** of the field - <https://formik.org/docs/api/field>
- **htmlFor** attribute of **FormLabel** element and **id** attribute of **Input** element should be the same

components/InputField.tsx

```
import {
  FormControl,
  FormLabel,
  Input,
  FormErrorMessage,
} from "@chakra-ui/react";
import { useField } from "formik";
import React, { InputHTMLAttributes } from "react";

type InputFieldProps = InputHTMLAttributes<HTMLInputElement> & {
  label: string;
  name: string;
};

export const InputField: React.FC<InputFieldProps> = ({
  size, // <Input> does not want size to be passed into it so we take it out of
  props
  label,
  ...props
}) => {
  const [field, { error }] = useField(props);

  return (
    <FormControl isValid={!error}>
      <FormLabel htmlFor={field.name}>{label}</FormLabel>
      <Input {...field} {...props} id={field.name} />
    </FormControl>
  );
}
```

```
    {error && <FormErrorMessage>{error}</FormErrorMessage>}  
  </FormControl>  
);  
};
```