

## 21. Routing in NextJS with useRouter()

#nextjs #routing #useRouter #frontend

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- Routing with NextJS is very easy with the useRouter() hook:

```
import useRouter from "next/router"

const router = useRouter();
router.push("/");
```

- router.push("/") routes to the root router.push("/pageName") routes to the pageName
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- Using the useRouter() hook, we can update register.tsx to route to homepage on a successful registration:

pages/register.tsx

```
import useRouter from "next/router"

const Register: React.FC<registerProps> = ({}) => {
  const router = useRouter();
  const [, register] = useRegisterMutation();

  return (
    <Wrapper variant="small">
      <Formik // initialValues, onSubmit, setErrors provided by Formik, values is
inferred from initialValues
        initialValues={{ username: "", email: "", password: "" }}
        onSubmit={async (values, { setErrors }) => {
          const response = await register({ options: values });
          if (response.data?.register.errors) {
            setErrors(toErrorMap(response.data.register.errors));
          } else if (response.data?.register.user) {
            // register success, route to homepage
            router.push("/");
          }
        }}
      </Formik>
    </Wrapper>
  )
}
```

```
}}
```

```
>
```