Using HTTPS in Development

Note: this feature is available with `react-scripts@0.4.0` and higher.

You may require the dev server to serve pages over HTTPS. One particular case where this could be useful is when using the "proxy" feature to proxy requests to an API server when that API server is itself serving HTTPS.

To do this, set the `HTTPS` environment variable to `true`, then start the dev server as usual with `npm start`:

Windows (cmd.exe)

```
set HTTPS=true&&npm start
```

(Note: the lack of whitespace is intentional.)

Windows (Powershell)

```
($env:HTTPS = "true") -and (npm start)
```

Linux, macOS (Bash)

```
HTTPS=true npm start
```

Note that the server will use a self-signed certificate, so your web browser will almost definitely display a warning upon accessing the page.

Custom SSL certificate

To set a custom certificate, set the `SSL_CRT_FILE` and `SSL_KEY_FILE` environment variables to the path of the certificate and key files in the same way you do for `HTTPS` above. Note that you will also need to set `HTTPS=true`.

Linux, macOS (Bash)

```
HTTPS=true SSL_CRT_FILE=cert.crt SSL_KEY_FILE=cert.key npm start
```

To avoid having to set the environment variable each time, you can either include in the `npm start` script like so:

```
{
  "start": "HTTPS=true react-scripts start"
}
```

Or you can create a `.env` file with `HTTPS=true` set. Learn more about environment variables in CRA.