

Create React App example with styled-components & TypeScript

The main difference between this and the non-typescript example is that you need to add the following path config to your tsconfig:

```
"paths": {  
  "@mui/styled-engine": ["./.node_modules/@mui/styled-engine-sc"]  
}
```

and install @types/styled-components:

```
npm install --save-dev @types/styled-components
```

Alternatively, to skip this configuration, you can set `skipLibCheck: true` in your tsconfig.

How to use

Download the example [or clone the repo](#):

```
curl https://codeload.github.com/mui/material-ui/tar.gz/master | tar -xz --strip=2  
material-ui-master/examples/create-react-app-with-styled-components-typescript  
cd create-react-app-with-styled-components-typescript
```

Install it and run:

```
npm install  
npm start
```

CodeSandbox

Note that CodeSandbox is not supporting react-app-rewired, yet you can [still see the code](#).

The following link leverages this demo: <https://mui.com/guides/interoperability/#change-the-default-styled-engine> with Parcel's alias feature within the `package.json`



Edit on CodeSandbox

The idea behind the example

This example demonstrates how you can setup [Create React App](#) with [styled-components](#) as a style engine for your application using TypeScript.

What's next?

You now have a working example project. You can head back to the documentation, continuing browsing it from the [templates](#) section.