**Adding CSS Support for TypeScript React**

Let’s extend the [previously build Webpack TypeScript React project](https://www.mydatahack.com/setting-up-custom-webpack-for-typescript-react/) to include CSS support. For a small application or widget, it is better to bundle CSS with JavaScript code. This post focuses on getting [Bootstrap](https://getbootstrap.com/) and [styled-jsx](https://github.com/zeit/styled-jsx) working for a React project with TypeScript.

Styled-jsx enables us to inject CSS style as a react component. You can create a react component returns the style tag with inline css. See example [here](https://github.com/mydatahack/book-reading-tracker-typescript-react-redux/blob/master/src/components/Style.tsx).

1. **Install dependencies**

[cc lang="text" tab\_size="4" lines="-1" theme="mac-classic" line\_numbers="false"]

npm i --save bootstrap

npm i --save-dev style-loader css-loader

npm i styled-jsx --save

[/cc]

1. **Update webpack.config**

We need to add style-loader and css-loader. The style-loader must be loaded first. Otherwise, you will get an error.

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1. **Adding bootstrap support**

create css folder in the public folder and import with bootstrap.css file first, then import it in index.tsx file where you have ReactDom.render() method. In this way, bootstrap will get compiled into a bundle.

bootstrap.css

[cc lang="text" tab\_size="4" lines="-1" theme="mac-classic" line\_numbers="false"]

@import "../../node\_modules/bootstrap/dist/css/bootstrap.css";

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index.tsx

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import '../public/css/bootstrap.css'

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1. **Get styled-jsx work**

Styled-jsx takes attributes without type definitions, for example, jsx and global as <style jsx global>. TypeScript does not know their types and will complain. To add types for these attributes, we can add the definitions in the custom.d.ts file in the src folder.

<pre class="theme:vs2012-black font:verdana font-size:13px toolbar:2 lang:js decode:true ">

</pre>

Everything should work smoothly now. For more complete example, please check out [this repo](https://github.com/mydatahack/book-reading-tracker-typescript-react-redux/blob/master/src/components/Style.tsx).