WEBPACK

Handling CSS

Sreekanth M. E.

Freelance Trainer & Consultant

http://www.SreekanthME.com

In webpack, it is possible to use CSS files as dependencies inside JS code.

style-loader and css-loader make it possible to modularize stylesheets along with other modules

css-loader makes import statement, inside a JS module, work with a CSS file.

style-loader injects styles into the HTML file by injecting a <style> tag in memory. So HTML file need not link explicitly to the .css file.

npm install style-loader css-loader --save-dev

```
{
    test: /\.css$/,
    use: ['style-loader', 'css-loader']
}
```

Webpack-dev-server live reload works with CSS files also.

style-loader injects styles in memory. This is good for development. But for production, a physical CSS file is needed.

ExtractTextPlugin can generate a CSS bundle.

It works with css-loader.

npm install extract-text-webpack-plugin --save-dev

ExtractTextPlugin needs to be added in two places in the config file: in the Loader, and as a Plugin.

ExtractTextPlugin does not work with style-loader because it creates physical file while style-loader injects CSS into HTML file inline.

HTML file needs to have a hardcoded link to the CSS bundle file.

END OF CHAPTER

APPENDIX