webpack-examples (0.0.1)

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Chapter 2. Quickstart

2.1. no config

using webpack without `webpack.config.js` *file*

```
mkdir starter-no-config
cd starter-no-config/

mkdir src dist
echo "console.log('hey!');" >> src/index.js
echo "<script src='./main.js'></script>" >> dist/index.html

npm init -y
npm i -g webpack webpack-cli
#npm i -DE webpack webpack-cli

webpack --mode=development
webpack --mode production
```

2.2. basic config

using webpack with basic config file: `config/webpack.dev.js`

```
const { resolve } = require('path');

module.exports = {
  entry: {
    main: './src/index.js'
  },
  mode: 'development',
  output: {
    filename: '[name]-bundle.js',
    path: resolve(__dirname, '../dist'),
  },
};
```

2.3. add HTML plugin

install html-webpack-plugin

```
npm i -DE html-webpack-plugin
```

update webpack condig

```javascript
const HtmlWebpackPlugin = require('html-webpack-plugin');

module.exports = {
  // ...
  plugins: [
    new HtmlWebpackPlugin({
      template: './src/index.html',
      favicon: './src/favicon.ico',
    }),
  ],
};
```

2.4. add webpack-dev-server

update webpack condig

```javascript
const { resolve, join } = require('path');

module.exports = {
  // ...
  devServer: {
    contentBase: join(__dirname, '../dist'),
  },
};
```

install and run webpack-dev-server

```
npm i -DE webpack-dev-server
webpack-dev-server --config config/webpack.dev.js
```

2.5. add css-loader and style-loader

add some css styles

```css
body {
  margin: 0;
  background-color: #444;
}

/* lets centred content using flex */
#app {
  height: 100vh;
  display: flex;
  align-items: center;
  justify-content: center;
}

/* font styling */
h1 {
  color: white;
  font-size: 3em;
  font-family: Helvetica, sans-serif, 'DejaVu Sans', Arial;
  text-shadow: 0 0 25px white;
}
```

These loaders will apply in reverse order: first, `css-loader`, next: `style-loader`

install css-loader and style-loader

```
npm i -DE css-loader style-loader
```

update webpack condig

```js
module.exports = {
  // ...
  module: {
    rules: [
      {
        test: /\.css$/i,
        use: [
          { loader: 'style-loader' },
          { loader: 'css-loader' },
        ],
      },
    ],
  },
};
```

Chapter 3. Links

Asciidoctor reference

GitHub repo: lawwantsin/webpack-course

GitHub

link:[Webpack documentation]

HTML webpack plugin documentation

HTML webpack-dev-server documentation