



IDavidCP finish session 8

on 15 May History

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Programación con JavaScript &gt; Sesión 08 &gt; Soluciones

## Reto 1: Webpack y CSS

Estructura de archivos:

```
demo
|- /src
  |- index.html
  |- js
    |- index.js
  |- css
    |- styles.css
```

Instalar loaders

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

- **css-loader:** le permite a webpack recolectar todos los estilos que encuentre y colocarlos en un string.
- **style-loader:** inyecta los estilos generados por `css-loader` en el DOM.

webpack.config.js

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

module.exports = {
  entry: './src/js/index.js',
  output: {
    path: path.resolve(__dirname, 'dist'),
    filename: 'bundle.js'
  },
  plugins: [
    new HtmlWebpackPlugin({
      filename: 'index.html',
      template: './src/index.html'
    })
  ],
  module: {
    rules: [
      { test: /\.css$/, use: ['style-loader', 'css-loader'] },
    ]
  },
  devServer: {
    contentBase: path.resolve(__dirname, 'dist')
  }
}
```

styles.css

```
h1 {
  text-align: center;
}
```

index.js

```
import '../css/styles.css'
```

## Reto 2: Assets en Webpack

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Instalar loaders

```
npm install --save-dev html-loader
```

```
webpack.config.js
```

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

module.exports = {
  entry: './src/js/index.js',
  output: {
    path: path.resolve(__dirname, 'dist'),
    filename: 'bundle.js'
  },
  plugins: [
    new HtmlWebpackPlugin({
      filename: 'index.html',
      template: './src/index.html'
    })
  ],
  module: {
    rules: [
      { test: /\.css$/, use: ['style-loader', 'css-loader'] },
      {
        test: /\.m?js$/,
        exclude: /node_modules/,
        use: {
          loader: "babel-loader",
          options: {
            presets: ['@babel/preset-env']
          }
        }
      },
      {
        test: /\..(png|svg|jpg|jpeg|gif)$/i,
        type: 'asset/resource',
      },
      {
        test: /\.html$/i,
        loader: 'html-loader',
      },
    ]
  },
  devServer: {
    contentBase: path.resolve(__dirname, 'dist')
  }
}
```