# Webpack

1.

const path = require("path")

const HTMLWebpackPlugin = require("html-webpack-plugin")

const { CleanWebpackPlugin } = require("clean-webpack-plugin")

module.exports = {

    entry: "./src/main.ts", // 入口

    output: {

        path: path.resolve(\_\_dirname, "../dist"),

        filename: "boundle.js",

        environment: {

            arrowFunction: false  // 告诉打包js不用箭头函数

        }

    }, // 打包目录

    // 指定webpack打包时的模块

    module: {

        rules: [

            {

                test: /\.ts$/, // 规则生效的文件

                use: [

                    {

                        loader: "babel-loader",

                        options: {

                            // 设置预定义的环境

                            presets: [

                                [

                                    //指定运行环境

                                    "@babel/preset-env",

                                    {

                                        // 指定兼容的目标浏览器

                                        targets: {

                                            "chrome": "88",

                                            "ie": "11"

                                        },

                                        // 指定core.js版本

                                        "corejs": "3",

                                        // 使用corejs的方式

                                        "useBuiltIns": "usage" // 按需加载

                                    }

                                ]

                            ]

                        }

                    },

                    "ts-loader"],  //从后往前执行，先执行的写后面

                exclude: /node\_modules/ // nodemodules不匹配

            },

            {

                test: /\.less$/,

                use: ['style-loader', 'css-loader',

                    {

                        // 引入postcss

                        loader: 'postcss',

                        options: {

                            postcssOptions: {

                                plugins: [

                                    [

                                        "postcss-preset-env",

                                        {

                                            browsers: "last 2 versions"

                                        }

                                    ]

                                ]

                            }

                        }

                    },

                    'less-loader'] // 先less，后css，再style-loader

            }

        ]

    },

    plugins: [

        new HTMLWebpackPlugin(), // 先删除dist，在生成新的dist

        new CleanWebpackPlugin({

            // 根据模板来生成dist里的index.html骨架

            template: "./src/index.html"

        })

    ],

    // 设置模块，哪些模块可以被引用，作为模块使用

    resolve: {

        alias:{},

        extensions: [".ts", ".js"]

    }

}