create-single-spa

Single-spa offers a CLI for those who prefer autogenerated and managed configurations for webpack, babel, jest, etc. You do not have to use the CLI in order to use single-spa.

The CLI is called ` create-single-spa` ([Github link](https://github.com/single-spa/create-single-spa/)). It is intended for the creation of new projects and for updating projects that were created via `create-single-spa

`, but it is not intended for migrating pre-existing codebases to single-spa.

对于那些喜欢自动生成和管理webpack，babel，jest等配置的用户，Single-spa提供了一个CLI。您不一定非得用CLI来生成single-spa的配置。

此CLI为 create-single-spa([Github link](https://github.com/single-spa/create-single-spa/))。它旨在用于创建新项目和更新由  `create-single-spa`创建的项目，但不适用于将已经存在的代码库迁移至single-spa。

##### 安装与使用

[#](https://single-spa.js.org/docs/create-single-spa/#installation-and-usage)Installation and Usage

If you wish to have create-single-spa globally available, run the following in a terminal

npm install --global create-single-spa

# or

yarn global add create-single-spa

Alternatively, you may use create-single-spa without global installation:

npm init single-spa

# or

npx create-single-spa

# or

yarn create single-spa

This will open up a CLI prompt asking you what kind of project you want to create or update. create-single-spa installs into the current directory, so be sure to create an empty directory if you're starting from scratch.

如果希望在全局范围内提供create-single-spa，请在终端中运行以下命令

npm install --global create-single-spa

# or

yarn global add create-single-spa

或者，您可以使用create-single-spa，而不需要全局安装:

npm init single-spa

# or

npx create-single-spa

# or

yarn create single-spa

这将打开一个CLI提示，询问您希望创建或更新什么类型的项目。create-single-spa安装到当前目录，因此，如果您是从头开始初始化，一定要先创建一个空目录。

##### 项目选型

[#](https://single-spa.js.org/docs/create-single-spa/#project-types)Project types

create-single-spa asks you if you'd like to create a single-spa application, a utility module, or a root-config. All three module types assume that you are using the [recommended setup](https://single-spa.js.org/docs/recommended-setup).

If you select that you'd like to create a single-spa application, you will be prompted for which framework you'd like to choose. React is implemented with premade configurations for babel + webpack + jest. Angular is implemented with Angular CLI and [single-spa-angular](https://single-spa.js.org/docs/create-single-spa/). Vue is implemented with Vue CLI and [vue-cli-plugin-single-spa](https://single-spa.js.org/ecosystem/ecosystem-vue#vue-cli).

create-single-spa询问您是否想要创建single-spa应用程序、公共模块或根配置。所有这三种模块类型都默认您在使用[推荐的设置](https://single-spa.js.org/docs/recommended-setup)。

如果您选择您想要创建single-spa应用程序，将会提示您想要选择哪个框架。React是通过babel + webpack + jest的预先配置实现的。Angular是用Angular CLI和[single-spa- Angular](https://single-spa.js.org/docs/create-single-spa/)实现的。Vue是通过Vue CLI和[Vue - cli-plugin-single-spa](https://single-spa.js.org/ecosystem/ecosystem-vue#vue-cli)实现的。

##### NPM包

[#](https://single-spa.js.org/docs/create-single-spa/#npm-packages)NPM packages

Within the create-single-spa repo, there are several NPM packages. The following sections document each package:

在create-single-spa 代码库中，有几个NPM包。以下章节记录了每个包:

##### create-single-spa包

[#](https://single-spa.js.org/docs/create-single-spa/#create-single-spa)create-single-spa

[Github project](https://github.com/single-spa/create-single-spa/tree/master/packages/create-single-spa)

The core CLI, which invokes [generator-single-spa](https://single-spa.js.org/docs/create-single-spa/#generator-single-spa).

[github代码库](https://github.com/single-spa/create-single-spa/tree/master/packages/create-single-spa)

这个是核心CLI，它调用了[generator-single-spa](https://single-spa.js.org/docs/create-single-spa/#generator-single-spa)。

##### generator-single-spa包

[#](https://github.com/single-spa/create-single-spa/tree/master/packages/create-single-spa)generator-single-spa

[Github project](https://github.com/single-spa/create-single-spa/tree/master/packages/generator-single-spa)

A [Yeoman generator](https://yeoman.io/) that prompts the user and then creates files. This is primarily invoked via the create-single-spa CLI, but can also be [composed](https://yeoman.io/authoring/composability.html) if you'd like to customize it.

[github代码库](https://github.com/single-spa/create-single-spa/tree/master/packages/generator-single-spa)

一个[Yeoman 生成器](https://yeoman.io/)，提示用户，然后创建文件。这主要是通过create-single-spa CLI调用的，但是如果您想自定义的话，也可以[组合](https://yeoman.io/authoring/composability.html)它。

##### webpack-config-single-spa包

[#](https://single-spa.js.org/docs/create-single-spa/#webpack-config-single-spa)webpack-config-single-spa

[Github project](https://github.com/single-spa/create-single-spa/tree/master/packages/webpack-config-single-spa)

A shareable, customizable webpack config that is used for utility modules and React single-spa applications.

[github代码库](https://github.com/single-spa/create-single-spa/tree/master/packages/webpack-config-single-spa)

一个可共享的、可定制的webpack配置，用于公共模块 和 React single-spa应用程序。

###### 安装

[#](https://single-spa.js.org/docs/create-single-spa/#installation)Installation

npm install --save-dev webpack-config-single-spa webpack-merge

yarn add --dev webpack-config-single-spa webpack-merge

###### 使用方式

[#](https://single-spa.js.org/docs/create-single-spa/#usage)Usage

const webpackMerge = require('webpack-merge');

const singleSpaDefaults = require('webpack-config-single-spa');

module.exports = webpackConfigEnv => {

const defaultConfig = singleSpaDefaults({

// The name of the organization this application is written for

orgName: 'name-of-company',

// The name of the current project. This usually matches the git repo's name

projectName: 'name-of-project',

// See https://webpack.js.org/guides/environment-variables/#root for explanation of webpackConfigEnv

webpackConfigEnv,

})

return webpackMerge.smart(defaultConfig, {

// modify the webpack config however you'd like to by adding to this object

})

}

##### webpack-config-single-spa-react包

[#](https://single-spa.js.org/docs/create-single-spa/#webpack-config-single-spa-react)webpack-config-single-spa-react

[Github project](https://github.com/single-spa/create-single-spa/tree/master/packages/webpack-config-single-spa-react)

A shareable, customizable webpack config that adds react-specific configuration to `webpack-config-single-spa`

[github代码库](https://github.com/single-spa/create-single-spa/tree/master/packages/webpack-config-single-spa-react)

一个可共享的、可定制的webpack配置，它将特定于react-specific的配置添加到“webpack-config-single-spa”中。

###### 安装

[#](https://single-spa.js.org/docs/create-single-spa/#installation-1)Installation

npm install --save-dev webpack-config-single-spa-react webpack-merge

yarn add --dev webpack-config-single-spa-react webpack-merge

###### 使用方式

[#](https://single-spa.js.org/docs/create-single-spa/#usage-1)Usage

const webpackMerge = require('webpack-merge');

const singleSpaDefaults = require('webpack-config-single-spa');

module.exports = webpackConfigEnv => {

const defaultConfig = singleSpaDefaults({

// The name of the organization this application is written for

orgName: 'name-of-company',

// The name of the current project. This usually matches the git repo's name

projectName: 'name-of-project',

// See https://webpack.js.org/guides/environment-variables/#root for explanation of webpackConfigEnv

webpackConfigEnv,

})

return webpackMerge.smart(defaultConfig, {

// modify the webpack config however you'd like to by adding to this object

})

}