

npm 私有包创建和上传

．新建空目录

比如：npm-package-test

．初始化

切换到上一步的目录，使用 npm init 初始化项目，有一些需要输入的内容，图中列出了一些关键信息

```
cd npm-package-test
```

```
npm init
```

```
D:\quzl\html\npm-package-test>npm init
This utility will walk you through creating a package.json file.
It only covers the most common items, and tries to guess sensible defaults.

See `npm help init` for definitive documentation on these fields
and exactly what they do.

Use `npm install <pkg>` afterwards to install a package and
save it as a dependency in the package.json file.

Press ^C at any time to quit.
package name: (npm-package-test) npm_package_quzhongling 包名，默认是目录名
version: (1.0.0) 版本，默认是1.0.0
description: 曲中岭的测试包 描述信息
entry point: (index.js)
test command:
git repository:
keywords: quzhongling 关键字
author: quzhongling@dm-ai.cn 作者
license: (ISC)
About to write to D:\quzl\html\npm-package-test\package.json:

{
  "name": "npm_package_quzhongling",
  "version": "1.0.0",
  "description": "曲中岭的测试包",
  "main": "index.js",
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [
    "quzhongling"
  ],
  "author": "quzhongling@dm-ai.cn",
  "license": "ISC"
}

Is this OK? (yes) yes 确认
```

会自动在目录下面生成 package.json 文件，内容如下：

```
{
  "name": "npm_package_quzhongling",
  "version": "1.0.0",
  "description": "曲中岭的测试包",
  "main": "index.js",
  > Debug
  "scripts": {
    "test": "echo \"Error: no test specified\" && exit 1"
  },
  "keywords": [
    "quzhongling"
  ],
  "author": "quzhongling@dm-ai.cn",
  "license": "ISC"
}
```

当然这个文件是可以修改的。

• 切换仓库

npm config set registry https://npm.dm-ai.cn/repository/npm_hosted/

```
D:\quzl\html\npm-package-test>npm config set registry https://npm.dm-ai.cn/repository/npm_hosted/
D:\quzl\html\npm-package-test>
```

这里是私有仓库，使用 nexus 创建的。该库需要是 hosts 类型的，proxy、group 类型的无法上传。

• 登陆

npm login 输入账号密码

```
D:\quzl\html\npm-package-test>npm login
Username: 
Password: 
Email: (this IS public) quzhongling@dm-ai.cn
Logged in as  on https://npm.dm-ai.cn/repository/npm_hosted/.
D:\quzl\html\npm-package-test>
```

· 上传

npm publish 上传

```
D:\quzi\html\npm-package-test>npm publish
npm notice
npm notice package: npm_package_quzhongling@1.0.0
npm notice === Tarball Contents ===
npm notice 299B package.json
npm notice === Tarball Details ===
npm notice name: npm_package_quzhongling
npm notice version: 1.0.0
npm notice package size: 317 B
npm notice unpacked size: 299 B
npm notice shasum: b4a489cecc6a9bf81df127b5007579ac357321bd
npm notice integrity: sha512-2mHYbQDWIeImb[...]ki8IQPVQf9Qwg==
npm notice total files: 1
npm notice
+ npm_package_quzhongling@1.0.0
```

· 查看

登陆 nexus，发现已经上传成功。

