

## 4.6Nodejs

npm搭建bootstrap开发环境

看官方文档学习

bower包管理工具

`$ npm view bootstrap`

```
admin@DESKTOP-UAOS55S MINGW32 ~ (master)
$ clear
```

```
admin@DESKTOP-UAOS55S MINGW32 ~ (master)
$ cd /d
```

```
admin@DESKTOP-UAOS55S MINGW32 /d
$ mkdir myboot
```

```
admin@DESKTOP-UAOS55S MINGW32 /d
$ cd my
myboot/  MyDrivers/ myserver/
```

```
admin@DESKTOP-UAOS55S MINGW32 /d
$ cd myboot/
```

**npm init -y :配置文件**

```
admin@DESKTOP-UAOS55S MINGW32 /d/myboot
$ npm install -g bower
C:\Users\admin\AppData\Roaming\npm\bower -> C:\Users\admin\AppData\Roaming\npm\node_modules\bower\bin\bower
C:\Users\admin\AppData\Roaming\npm
`-- bower@1.8.0
```

```
admin@DESKTOP-UAOS55S MINGW32 /d/myboot
$ bower -v
1.8.0
```

```
admin@DESKTOP-UAOS55S MINGW32 /d/myboot
$ cd..
bash: cd.: command not found
```

```
admin@DESKTOP-UAOS55S MINGW32 /d/myboot
$ cd /d
```

```
admin@DESKTOP-UAOS55S MINGW32 /d
$ mkdir mybower
```

```
admin@DESKTOP-UAOS55S MINGW32 /d
```

```
$ cd mybower
```

```
admin@DESKTOP-UAOS55S MINGW32 /d/mybower
```

```
$ bower init //不能直接bower init会报错(一个bug)需要切换到DOS下 再bower init
```

```
bower ENOINT Register requires an interactive shell
```

Additional error details:

Note that you can manually force an interactive shell with --config.interactive

```
admin@DESKTOP-UAOS55S MINGW32 /d/mybower
```

```
$ ls
```

```
admin@DESKTOP-UAOS55S MINGW32 /d/mybower
```

```
$ pwd
```

```
/d/mybower
```

```
admin@DESKTOP-UAOS55S MINGW32 /d/mybower
```

```
$
```

---

## DOS

Microsoft Windows [版本 10.0.10240]

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```
C:\Users\admin>d:
```

```
D:\>cd mybower
```

```
D:\mybower>bower init
```

```
? name mybower
```

```
? description bower test
```

```
? main file
```

```
? keywords
```

```
? authors
```

```
? license MIT
```

```
? homepage
```

```
? set currently installed components as dependencies? Yes
```

```
? add commonly ignored files to ignore list? Yes
```

```
? would you like to mark this package as private which prevents it from being accidentally published to the registry? (y?
```

```
would you like to mark this package as private which prevents it from being accidentally published to the registry? No
```

```
{
  name: 'mybower',
  description: 'bower test',
  main: '',
  license: 'MIT',
  homepage: '',
  ignore: [
    '**/*.*',
    'node_modules',
    'bower_components',
  ]
}
```

```
'test',  
'tests'  
]  
}
```

? Looks good? Yes

D:\mybower>

D:\mybower>

project dependencies工程依赖

全局包默认安装在c盘的C:\Users\admin\AppData\Roaming

## 自动化构建