

在mac系统安装express

1、首先打开终端新建一个文件夹，输入“cd Desktop”，也就是打开桌面，然后再在桌面创建新的文件夹，由于mac系统权限问题，所以只能显示出桌面上的文件，输入新建文件夹命令

```
$ mkdir express
```

2、然后输入express的安装的命令,输入密码，安装完成后则显示express的版本信息和安装信息；

```
$ sudo npm install -g express
```

```
Last login: Wed Dec 13 11:30:18 on console
huhuhudeMac-mini:~ huhuhu$ mkdir express
huhuhudeMac-mini:~ huhuhu$ cd /Desktop
-bash: cd: /Desktop: No such file or directory
huhuhudeMac-mini:~ huhuhu$ cd Desktop
huhuhudeMac-mini:Desktop huhuhu$ cd express
-bash: cd: express: No such file or directory
huhuhudeMac-mini:Desktop huhuhu$ mkdir express
huhuhudeMac-mini:Desktop huhuhu$ sudo npm install -g express
Password:
+ express@4.16.2
added 48 packages in 16.051s
huhuhudeMac-mini:Desktop huhuhu$
```

3、然后在输入以下命令对安装好的express进行配置

```
$ npm install express-generator -g
```

- 在配置过程中出现如下错误，错误提示为:用户权限不够无法进行全局配置，

```
huhuhudeMac-mini:Desktop huhuhu$ npm install express-generator -g
npm WARN checkPermissions Missing write access to /usr/local/lib/node_modules
npm ERR! path /usr/local/lib/node_modules
npm ERR! code EACCES
npm ERR! errno -13
npm ERR! syscall access
npm ERR! Error: EACCES: permission denied, access '/usr/local/lib/node_modules'
npm ERR! { Error: EACCES: permission denied, access '/usr/local/lib/node_modules'
  stack: 'Error: EACCES: permission denied, access \'/usr/local/lib/node_modules\'',
  errno: -13,
  code: 'EACCES',
  syscall: 'access',
  path: '/usr/local/lib/node_modules' }
npm ERR! Please try running this command again as root/Administrator.
```

```
Update available 5.5.1 → 5.6.0
Run npm i -g npm to update
```

```

npm ERR! Error: EACCES: permission denied, access '/usr/local/lib/node_modules'
npm ERR! { Error: EACCES: permission denied, access '/usr/local/lib/node_modules'
npm ERR!   stack: 'Error: EACCES: permission denied, access \'/usr/local/lib/node_modules\'',
npm ERR!   errno: -13,
npm ERR!   code: 'EACCES',
npm ERR!   syscall: 'access',
npm ERR!   path: '/usr/local/lib/node_modules' }
npm ERR! Please try running this command again as root/Administrator.

```

Update available 5.5.1 → 5.6.0
Run `npm i -g npm` to update

```

npm ERR! A complete log of this run can be found in:
npm ERR! /Users/huhuhu/.npm/_logs/2017-12-13T12_53_37_884Z-debug.log
huhuhudeMac-mini:Desktop huhuhu$

```

解决方案:

- 通过管理员权限运行，更改为如下代码，安装完成后出现配置的路径、版本和安装信息等；

```
$ sudo -s npm install express-generator -g,
```

```

huhuhudeMac-mini:Desktop huhuhu$ express
-bash: express: command not found
huhuhudeMac-mini:Desktop huhuhu$ sudo -s npm install express-generator -g
/usr/local/bin/express -> /usr/local/lib/node_modules/express-generator/bin/express-cli.js
+ express-generator@4.15.5
added 6 packages in 7.61s
huhuhudeMac-mini:Desktop huhuhu$

```

4、然后继续在终端输入” express” ,会出现” destination is not empty,continue?[y/N]” 的提示,输入” y” 后回车, 继续安装

```

huhuhudeMac-mini:Desktop huhuhu$ express

warning: the default view engine will not be jade in future releases
warning: use '--view=jade' or '--help' for additional options

destination is not empty, continue? [y/N] y

create : .
create : ./package.json
create : ./app.js
create : ./public
create : ./routes
create : ./routes/index.js
create : ./routes/users.js
create : ./views
create : ./views/index.jade
create : ./views/layout.jade
create : ./views/error.jade
create : ./bin
create : ./bin/www
create : ./public/javascripts
create : ./public/images
create : ./public/stylesheets
create : ./public/stylesheets/style.css

```

5、加载完以后再输入” npm start” 开始运行express，再次出现错误，错误提示如下图：

```
install dependencies:
$ cd . && npm install

run the app:
$ DEBUG=desktop:* npm start

huhuhudeMac-mini:Desktop huhuhu$ cd express
huhuhudeMac-mini:express huhuhu$ npm start

> desktop@0.0.0 start /Users/huhuhu/Desktop/express
> node ./bin/www

module.js:538
  throw err;
  ^

Error: Cannot find module 'express'
    at Function.Module._resolveFilename (module.js:536:15)
    at Function.Module._load (module.js:466:25)
    at Module.require (module.js:579:17)
    at require (internal/module.js:11:18)
    at Object.<anonymous> (/Users/huhuhu/Desktop/express/app.js:1:77)
    at Module._compile (module.js:635:30)
    at Object.Module._extensions..js (module.js:646:10)

    at Module.load (module.js:554:32)
    at tryModuleLoad (module.js:497:12)
    at Function.Module._load (module.js:489:3)
npm ERR! code ELIFECYCLE
npm ERR! errno 1
npm ERR! desktop@0.0.0 start: `node ./bin/www`
npm ERR! Exit status 1
npm ERR!
npm ERR! Failed at the desktop@0.0.0 start script.
npm ERR! This is probably not a problem with npm. There is likely additional log
ging output above.
npm WARN Local package.json exists, but node_modules missing, did you mean to in
stall?

npm ERR! A complete log of this run can be found in:
npm ERR! /Users/huhuhu/.npm/_logs/2017-12-13T12_59_20_397Z-debug.log
```

- 翻看上一步命令的安装提示，发现没有安装dependencies（依赖），所以根据上面的命令提示输入” \$ cd . && npm install “ 命令；

```
$ cd . && npm install
```

```
huhuhudeMac-mini:express huhuhu$ cd . && npm install
npm WARN deprecated jade@1.11.0: Jade has been renamed to pug, please install th
e latest version of pug instead of jade
npm WARN deprecated transformers@2.1.0: Deprecated, use jstransformer
npm notice created a lockfile as package-lock.json. You should commit this file.
added 103 packages in 33.345s
```

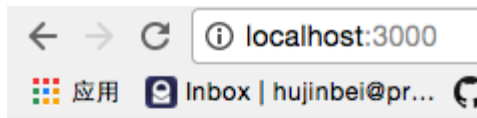
6、当express安装完成后，你可以重新进入一次express

- 首先，你需要从在终端进入你刚才安装express的文件夹下，然后输入” npm start “,终端就会出现express的安装路径等信息

```
Last login: Thu Dec 14 12:30:43 on console
huhuhudeMac-mini:~ huhuhu$ cd Desktop
huhuhudeMac-mini:Desktop huhuhu$ cd express
huhuhudeMac-mini:express huhuhu$ npm start

> desktop@0.0.0 start /Users/huhuhu/Desktop/express
> node ./bin/www
```

- 然后在打开浏览器，输入地址为” localhost:3000” （默认地址），就会显示你当前运行的node.js的内容



Express

Welcome to Express

- 最后” Ctrl+c” 可以关闭express(所以系统下皆为此方法关闭express)， express中的.js文件被更改时都需要重启express才能运行