Version

0.0.2

License

none

Issues

3

Pull Requests

0

Homepage

🔗 **github.com/turingou/raspberry#readme**

Repository

◈ **github.com/turingou/raspberry**

Last publish

7 years ago

Collaborators

>_ **Try** on RunKit

🚩 **Report** a vulnerability

 中文版说明

Respberry Toolkit & Webpanel based on node, for nodejs apps, makes life easier.

- create web server on Pi: boardcast Pi's IP and provides some apis
- provides web panel of Pi: run shell on web page
- setup Pi wifi network: auto-connect configs,etc.

How to install

Install Node.js first

the very first, make sure your Pi has node installed, if not, try install node.js first:

```
$ sudo apt-get update
$ sudo apt-get upgrade
$ sudo apt-get install nodejs npm
```

if your Pi runs on Debian, **check this official guide**

Install via Npm

```
// make sure install both on your PC/Mac and Pi
$ sudo npm install respberry -g
```

Bite a little

Respberry Toolkit provides a CLI, which means you type some commands and everything
will be setup and ready for connect

Desktop Scanner (on your Mac/PC)

connect your Pi by running:

```
// start desktop connect
$ respberry connect

// advanced connect config
// default : respberry connect nodePi 9999
// e.g: respberry connect myPi 9998
$ respberry connect [token] [port]

// desktop connecter will scan your Pi (default by port 9999)
// result like this:
$ [Success] Hi, im here 192.168.1.100 // ssh your Pi use `ssh pi@192.

// or
$ [404] Respberry Pi Not Found ...
```

Respberry panel (on your Pi)

manage your Pi on web panel

start panel

```
$ respberry panel // start your panel
$ respberry panel 9999 // start your panel at selected port
```

stop panel

```
$ respberry panel stop // stop your panel
```

respberry wifi

scan wifi

```
$ respberry wifi scan // follow steps to setup wifi

// result
[scan wifi] ssid:123 ? // wifi details
[scan wifi] ssid:223 ? // wifi details
[scan wifi] ssid:my network ? // wifi details
```

setup wifi

```
$ respberry wifi setup // follow steps to setup wifi

// steps
[setup wifi] ssid ? // input ssid
[setup wifi] passtype ? // input passtype
[setup wifi] password ? // input password
[setup wifi] autoconnect ? // true or false;

// results
[setup wifi] wifi ssid:123 setup success [√]
// or
[setup wifi] wifi ssid:123 setup fail [x]
```

start wifi

```
$ respberry wifi // start wifi

// result
[start wifi] wifi(ssid) connected [√]
// or
[start wifi] wifi(ssid) failed [x]
```

list wifi and edit

```
$ respberry wifi list // list wifi configs


// result
[list wifi] id:1 ssid:abc passtype:wap password:xxx


$ respberry wifi edit 1 // edit (id:1)wifi configs


// result
[setup wifi] xxx // same as #start wifi
```

stop wifi support

```
$ respberry wifi stop // stop wifi


// result
[stop wifi] wifi stoped [√]
```

License

MIT License

Roadmap -> 0.1.0

- [ ] add mobile panel support
- [ ] add wechat interface/api support

Changelog

Keywords