

About 'dooboo-cli'

dooboo-cli

@dooboolab 님이 개발 편의를 위해 만든 react(web) / react-native 개발 툴

<https://github.com/dooboolab/dooboo-cli>

내용물 (React Native App with typescript)

typescript

<https://www.typescriptlang.org/docs/handbook/typescript-in-5-minutes.html>

MobX

<https://mobx.js.org/>

react-navigation

<https://reactnavigation.org/>

react-native-localization

<https://github.com/stefalda/ReactNativeLocalization>

jest w/typescript

<https://www.npmjs.com/package/ts-jest>

```
→ DoobooProjects dooboo
```

```
Usage: dooboo [options] [command]
```

```
Options:
```

```
-V, --version  output the version number
-h, --help     output usage information
```

```
Commands:
```

```
init          init boilerplate of dooboo generated app.
start         start the project.
test          run test for your project.
screen <c>    generate screen component.
shared <c>    generate shared component.
model <c>     generate model class.
store <c>     generate store class.
api <c>       generate file for api call format.
```

```
→ DoobooProjects dooboo init
```

```
dooboolab
```

```
Select which app you want to generate from dooboo.
```

- ▶ React App with typescript
- React Native App with typescript
- Expo App with typescript

```
>
```

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- 자주 사용하는 **\$ react-native [명령]** 모음이 수록되어있음
- **\$ npm run [scripts]** 를 입력하여 편리하게 작업 가능

```
"scripts": {
  "dev": "node node_modules/react-native/local-cli/cli.js start",
  "tsc": "tsc",
  "watch": "tsc -w",
  "start": "npm run dev",
  "upgrade": "react-native-git-upgrade && npm install --save react-native",
  "upgrade:major": "react-native upgrade",
  "test": "jest -u",
  "start:packager": "node_modules/react-native/packager/packager.sh",
  "start:reset": "node node_modules/react-native/local-cli/cli.js start --reset-cache",
  "android": "node node_modules/react-native/local-cli/cli.js run-android",
  "android:shake": "adb shell input keyevent 82",
  "android:log": "adb logcat '*:S' ReactNative:V ReactNativeJS:V",
  "android:apk": "android && ./gradlew assembleRelease",
  "android:release": "node node_modules/react-native/local-cli/cli.js run-android --variant=release",
  "ios": "node node_modules/react-native/local-cli/cli.js run-ios",
  "ios:release": "node node_modules/react-native/local-cli/cli.js run-ios --configuration Release",
  "ios:devices": "xcrun simctl list devices",
  "ios:dooboolab": "node node_modules/react-native/local-cli/cli.js run-ios --device 'dooboolab'",
  "ios:dooboolab-release": "node node_modules/react-native/local-cli/cli.js run-ios --configuration Release",
  "ios:iphone5": "node node_modules/react-native/local-cli/cli.js run-ios --simulator='iPhone 5s'",
  "ios:iphone7": "node node_modules/react-native/local-cli/cli.js run-ios --simulator='iPhone 7'",
  "ios:reset": "rm -rf ios/build/ModuleCache",
  "jest": "jest -u --no-cache",
  "lint": "eslint -c .eslintrc.js './src/**/*.js'",
  "build:ios": "react-native bundle --entry-file index.js --platform ios --dev false --bundle-output ios/main.jsbundle",
  "build:android": "react-native bundle --entry-file index.js --platform android --dev false --bundle-output android/main.jsbundle"
},
```

typescript

참고 문서

<https://www.typescriptlang.org/docs/handbook/typescript-in-5-minutes.html>
<https://skout90.github.io/2017/08/12/Typescript/1.%20typescript%E8%9E%80/>

- 최신 ECMA표준을 지원 (ES1 ~ ES7)
 - 자바스크립트 사용하던 방식 그대로 사용해도 무방
 - 인터페이스, 클래스 기반의 디자인 패턴
- 컴파일 언어
 - **tsc** 명령을 이용해 원하는 **ts**코드의 타입오류를 잡아낼 수 있다
 - 코드 어시스트 기능도 지원받을 수 있음.
- 변환 가능 언어
 - 컴파일 도구를 이용해 새로운 언어로 마이그레이션 가능

greeter.js

```
function greeter(person: string) {  
    return "Hello, " + person;  
}  
  
let user = [0, 1, 2];  
  
document.body.innerHTML = greeter(user);
```

컴파일링

```
$ tsc greeter.js
```

에러

```
error TS2345: Argument of type 'number[]' is not assignable to parameter of type 'string'.
```

— — —

typescript

type 종류

<https://www.typescriptlang.org/docs/handbook/basic-types.html>

- Boolean
- Number
- String
- Array
- Tuple
- Enum
- Any
- Void
- ...

```
let isDone: boolean = false;
```

```
let decimal: number = 6;
```

```
let hex: number = 0xf00d;
```

```
let binary: number = 0b1010;
```

```
let octal: number = 0o744;
```

```
let color: string = "blue";
```

```
let fullName: string = `Bob Bobbington`;
```

```
let age: number = 37;
```

```
let sentence: string = `Hello, my name is ${  
fullName }`.
```

```
let list: number[] = [1, 2, 3];
```

```
let list: Array<number> = [1, 2, 3];
```

dooboo-cli 설치

Package Installation

\$ npm install -g dooboo-cli

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  "android:log": "adb logcat '*:S' ReactNative:V ReactNativeJS:V",
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  "ios:release": "node node_modules/react-native/local-cli/cli.js run-ios --configuration Release",
  "ios:devices": "xcrun simctl list devices",
  "ios:dooboolab": "node node_modules/react-native/local-cli/cli.js run-ios --device 'dooboolab'",
  "ios:dooboolab-release": "node node_modules/react-native/local-cli/cli.js run-ios --configuration Release",
  "ios:iphone5": "node node_modules/react-native/local-cli/cli.js run-ios --simulator='iPhone 5s'",
  "ios:iphone7": "node node_modules/react-native/local-cli/cli.js run-ios --simulator='iPhone 7'",
  "ios:reset": "rm -rf ios/build/ModuleCache",
  "jest": "jest -u --no-cache",
  "lint": "eslint -c .eslintrc.js './src/**/*.js'",
  "build:ios": "react-native bundle --entry-file index.js --platform ios --dev false --bundle-output ios/m",
  "build:android": "react-native bundle --entry-file index.js --platform android --dev false --bundle-outpu",
},
```