# Contributing to L7

?? ??? L7 ????! ??

## ??????

### ?? Yarn

????? Yarn workspace??????? Yarn?https://yarnpkg.com/en/docs/install#windows-stable

### Windows ????

[L7 ????](https://github.com/antvis/L7/blob/master/dev-docs/%E8%87%AA%E5%8A%A8%E5%8C%96%E6%B5%8B%E8%AF%95%E6%96%B9%E6%A1%88.md)?? headless-gl????? node-gyp [??????](https://github.com/nodejs/node-gyp#on-windows)?

1. ?????????? PowerShell

2. ?? `npm install --global --production windows-build-tools`??? Microsoft's windows-build-tools

?????????[??](https://github.com/antvis/L7/issues/101)?

## ????

??????? Yarn workspace ????

```bash

yarn install

```

### Windows

```bash

copy node\_modules/gl/deps/windows/dll/x64/\*.dll c:\windows\system32

```

## ?? DEMO

???? package ???????

```bash

yarn watch

```

?? Storybook?????? `http://localhost:6006/`?

```bash

yarn storybook

```

## ????

???????

```bash

yarn test

```

???????????????

```bash

yarn coveralls

```

## ?? Lerna package

?????? lerna package?

```bash

lerna create my-pack -y

```

? ui-lib ?? my-pack ????

```bash

yarn workspace my-pack add ui-lib/1.0.0

```

? lodash ????? package ???(???root?

```bash

yarn workspaces run add lodash

```

? typescript ??? root ?????

```bash

yarn add -W -D typescript jest

```

## ????

?? `git commit` ???

```bash

yarn commit

```

## ??

### ?????

```bash

yarn run version:prerelease

```

???????commit????

### ??

yarn run release