# ? Contribute

Thanks for being interested in contributing to this project!

## Setup

Clone this repo to your local machine and install the dependencies.

```bash

yarn install

```

## Code Style

Don't worry about the code style as long as you install the dev dependencies. Git hooks will format and fix them for you on committing.

## Development

We use Storybook for rapid development and documenting. You can start it locally by

```bash

yarn storybook

```

## Contributing to existing functions

Feel free to enhance the existing functions. Please try not to introduce breaking changes.

## Contributing to new functions

There are some notes for adding new functions

- Before you start working, it's better to open an issue to discuss first.

- Function names should start with `use` or `create` in lowercases.

- The implementation should be placed under `packages/core` as a folder and exposing in `index.ts`

- In the `core` package, try not to introduce 3-rd party dependencies as this package is aim to be as lightweight as possible.

- If you do want to introduce 3-rd party dependencies, please contribute to add-ons.

## Contributing to new add-ons

New add-ons are great welcome!

- Create a new folder under `packages/`, name it as your add-on name.

- Add add-on details in `scripts/packages.js`

- Create `README.md` and `readme.stories.tsx` under that folder, `package.json` will be auto generated.

- Add functions as you would do to the core package.

- Run `npm run update:readme` to update the docs.

## Project Structure

### Monorepo

We use monorepo for multiple packages

```

package

core/ - the core package

firebase/ - the Firebase add-on

<whatever>/ - add-ons named <whatever>

utils/ - utils

api.ts - generated for API reference, you should always import form this file

api.2.ts - API for Vue 2. DO NOT IMPORT from this file.

api.3.ts - API for Vue 3. DO NOT IMPORT from this file.

```

### Function Folder

A function folder typicality contains these 4 files:

```bash

index.ts # function source code itself

index.stories.tsx # storybook demo

index.test.ts # jest unit testing

index.md # documentation

```

for `index.ts` you should export the function with name.

```ts

// DO

export { useMyFunction }

// DON'T

export default useMyFunction

```

for `index.md` the first sentence will be displayed as the short intro in the function list, so try to keep it brief and clear.

```md

# useMyFunction

> This will be the intro. The detail descriptions...

```

for `index.stories.tsx`, you can duplicate for the other functions and modify it.

## Thanks

Thank you again for being interested in this project! You are awesome!