# Contributing

Thanks a lot for your interest in contributing to Leon! :heart:

\*\*Leon needs open source to live\*\*, the more modules he has, the more skillful he becomes.

\*\*Before submitting your contribution\*\*, please take a moment to review this document.

Please note we have a [code of conduct](https://github.com/leon-ai/leon/blob/develop/.github/CODE\_OF\_CONDUCT.md), please follow it in all your interactions with the project.

## How You Can Help

Here are few examples about how you could help on Leon, by:

- [Creating a new module](https://docs.getleon.ai/packages-modules.html).

- [Working on new features](https://roadmap.getleon.ai) (what is in backlog or todo).

- [Suggesting new ideas](https://github.com/leon-ai/leon/issues/new/choose).

- [Reporting a bug](https://github.com/leon-ai/leon/issues/new?labels=bug&template=BUG.md).

- [Improving the documentation](https://github.com/leon-ai/docs.getleon.ai) (translations, typos, better writing, etc.).

- [Buying me a fruit juice](https://donate.getleon.ai).

## Pull Requests

\*\*Working on your first Pull Request?\*\* You can learn how from this \*free\* series [How to Contribute to an Open Source Project on GitHub](https://egghead.io/series/how-to-contribute-to-an-open-source-project-on-github).

- \*\*Please first discuss\*\* the change you wish to make via [issue](https://github.com/leon-ai/leon/issues),

email, or any other method with the owners of this repository before making a change.

It might avoid a waste of your time.

- The `master` branch is actually used as a snapshot of the latest stable release. \*\*Do not submit your PRs

against the `master` branch\*\*.

- Ensure your code \*\*respect our coding standards\*\* (cf. [.eslintrc.json](https://github.com/leon-ai/leon/blob/develop/.eslintrc.json)).

To do so, you can run:

```sh

npm run lint

```

- Make sure your \*\*code passes the tests\*\*. You can run the tests via the following command:

```sh

npm test

```

If you're adding new features to Leon, please include tests.

## Development Setup

```sh

# Clone the repository

git clone https://github.com/leon-ai/leon.git leon

# Go to the project root

cd leon

# Install

npm install

# Check the setup went well

npm run check

# Run the development server

npm run dev:server

# Run the development web app

npm run dev:app

```

## Versioning

- We use [Semantic Versioning](https://semver.org) for releases.

- A new Leon module creation increases the MINOR version number of its relevant Leon package.

- Each time a MAJOR or MINOR version number of a Leon package is increased, then the MINOR version number of the project should also be increased.

- Each time a PATCH version number of a Leon package is increased, then the PATCH version number of the projet should also be increased.

## Commits

The commit message guideline is adapted from the [AngularJS Git Commit Guidelines](https://github.com/angular/angular.js/blob/master/DEVELOPERS.md#-git-commit-guidelines).

### Types

Types define which kind of changes you made to the project.

| Types | Description |

| ------------- |-------------|

| BREAKING | Changes including breaking changes. |

| build | New build version. |

| chore | Changes to the build process or auxiliary tools such as changelog generation. No production code change. |

| docs | Documentation only changes. |

| feat | A new feature. |

| fix | A big fix. |

| perf | A code change that improves performance. |

| refactor | A code change that neither fixes a bug nor adds a feature. |

| style | Changes that do not affect the meaning of the code (white-space, formatting, missing semi-colons, etc.). |

| test | Adding missing or correcting existing tests. |

### Scopes

Scopes define high-level nodes of Leon.

- web app

- server

- hotword

- package/package\_name

### Examples

```sh

git commit -m "feat(server): awesome new server feature"

git commit -m "docs(package/leon): fix spelling"

git commit -m "chore: split training script into awesome blocks"

git commit -m "style(web app): remove chatbot useless parentheses"

```

## Donate

You can also contribute by [buying me a fruit juice](https://donate.getleon.ai).

## Spread the Word

Use [#LeonAI](https://twitter.com/hashtag/LeonAI) if you tweet about Leon and/or mention [@louistiti\_fr](https://twitter.com/louistiti\_fr).