

Taiga Documentation

1. INTRODUCTION

Free. Open Source. Powerful. *Taiga* is a project management platform for startups and agile developers & designers who want a simple, beautiful tool that makes work truly enjoyable.

2. HOW IT WORKS

Taiga is made up of two components: [taiga-front](https://github.com/taigaio/taiga-front) (https://github.com/taigaio/taiga-front) and [taiga-back](https://github.com/taigaio/taiga-back) (https://github.com/taigaio/taiga-back)

- **taiga-front** has the frontend related code built with **angularjs** and **coffeescript**. It can run on any static file server like nginx.
- **taiga-back** has the backend related code consisting of an API, built using **django** and **python3**.

Taiga has some other modules, but they are optional and documented in other sections.

3. REQUIREMENTS

This is a list of major *Taiga* dependencies:

Runtime:

- Python ≥ 3.4
- PostgreSQL ≥ 9.4
- RabbitMQ (optional as long as you don't want async notifications)

Compile time:

- GCC & Development Headers
- Ruby ≥ 2.1 (only for compiling sass)
- NodeJS ≥ 7.0 (with npm and gulp for downloading dependencies and compiling coffeescript)

Hardware

- The main Taiga hardware restriction is having **at least 0.75 GB of RAM**. When installing the python requirements, the package lxm1 will use gcc to build itself and fail if there is not enough memory.
- Taiga code doesn't need a lot of disc space. Only the database or the media directory might need more space with the passage of time.

4. INSTALLATION GUIDE