

# LilPub

Personal Publications Library

LilPub version 1.0 (2023) with 2025-02 patch.

## Prerequisites

This project is made with [Laravel 10](#).

## Development and Production

For both, your development machine and production machine (server), you should have:

- [PHP +8.1](#) (tested with version 8.1)
- [MongoDB](#) (tested with versions 5.0 & 8.0)

## Development

For your development machine, you should have:

- [Composer](#) (tested with version 2.2)
- [npm](#) (tested with version 10.5)

## Installation

You should typically run these on your development machine.

1. Install PHP dependencies:

```
composer install
```

2. Install Nodejs (JavaScript) dependencies:

```
npm install
```

3. Copy the environment file and set up your configurations:

```
cp .env.example .env  
php artisan key:generate
```

4. Set up the MongoDB database/collection and migrate:

```
php artisan migrate --seed
```

## Run in development

1. Start the Laravel development server:

```
php artisan serve
```

2. Start the Vite development server:

```
npm run dev
```

Or, if you have VSCode, you can quickly run the project using "**Run and Debug**", but you have to change the PHP path ( `runtimeExecutable` ) in [launch.json](#) to your own PHP path or just remove the property (`runtimeExecutable`) completely.

## Deploy for production

1. Build JavaScript assets:

```
npm run build
```

2. Clear Laravel cache:

```
php artisan optimize:clear
```

3. Upload all files to your web server (except `node_modules` ).

4. Set appropriate permissions for storage and bootstrap:

```
chmod -R 777 storage bootstrap/cache
```

5. Configure the web server to serve `public/` as the root directory.
6. Edit `.env` file to update to your server's database config (if needed).
7. Repeat step **4** in **Installation**.
8. (Optional) Optimize Laravel application on the server:

```
php artisan optimize
```

## Credentials

```
admin@primo.business  
cc4d8686639f5ab4b2b5818141c362c4
```

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