

# CakePHP Application Skeleton



A skeleton for creating applications with [CakePHP](#) 5.x.

The framework source code can be found here: [cakephp/cakephp](#).

## Installation

1. Download [Composer](#) or update `composer self-update`.
2. Run `php composer.phar create-project --prefer-dist cakephp/app [app_name]`.

If Composer is installed globally, run

```
composer create-project --prefer-dist cakephp/app
```

In case you want to use a custom app dir name (e.g. `/myapp/`):

```
composer create-project --prefer-dist cakephp/app myapp
```

You can now either use your machine's webserver to view the default home page, or start up the built-in webserver with:

```
bin/cake server -p 8765
```

Then visit `http://localhost:8765` to see the welcome page.

## Update

Since this skeleton is a starting point for your application and various files would have been modified as per your needs, there isn't a way to provide automated upgrades, so you have to do any updates manually.

## Configuration

Read and edit the environment specific `config/app_local.php` and set up the 'Datasources' and any other configuration relevant for your application. Other environment agnostic settings can be changed in `config/app.php`.

## Layout

The app skeleton uses [Milligram](#) (v1.3) minimalist CSS framework by default. You can, however, replace it with any other library or custom styles.

## APPLICATION

- Run the application with:

```
bin/cake server
```

Access the application at: <http://localhost:8765/>

If necessary, clear the cache by running:

```
bin/cake cache clear_all
```

## Features

The application runs on a single page:

- If albums exist in the database, they will be displayed.

- If no albums are available, the user can add new albums by clicking the PLUS button.

Adding an Album:

- The user must select an artist, enter an album name, and select the year.

- The Add button is only enabled if all fields are populated. If any field is empty, the button will be disabled with the text "not allowed".

Notifications:

- After adding, editing, or deleting an album, a success message will be displayed at the top of the page.

- The success message will automatically disappear after 1.5 seconds.

- Additionally, an email notification will be sent to the registered email address with details about the action performed.

Deleting an Album:

- A confirmation modal will be shown to ensure the user intends to delete the album. If the deletion was accidental, the user can cancel the action.

## PHP TESTS

To run PHP tests, navigate to the app folder and run:

```
./vendor/bin/phpunit
```

## JS TESTS

To run JavaScript tests using Jest:

In the app folder, install Jest and jsdom:

```
npm install --save-dev jest jsdom
```

Once installed, run the JavaScript tests with:

```
npm test
```