

Artisan Common Commands

List All Commands

Method 1

```
php artisan
```

Method 2

```
php artisan list
```

Display Help for Commands

```
php artisan help <command>
```

High Using Commands

```
php artisan route:list
```

- List all registered routes

```
php artisan serve
```

- Serve the application on the PHP development server
- Starts the built-in web server at the default port of 8000

```
php artisan make:model
```

- Create a new Eloquent model class
- Generates the boilerplate code for this database model

php artisan make:controller

- Create a new controller class
- Generates the boilerplate code for this controller class

php artisan make:migration

- Create a new migration file
- Generates the boilerplate code for this database migration file

php artisan make:request

- Create a new form request class
- Generates the boilerplate code for a Request object.
- This is usually used for data validation purposes outside the controller.

php artisan make:middleware

- Create a new middleware class
- Generates the boilerplate code for custom middleware that you wish to add to your application.
- Middleware is a function that is run either before or after a route is executed.

php artisan make:mail

- Create a new email class
- Generates the boilerplate code for the mailable class.

php artisan make:notification

- Create a new notification class
- Generates the boilerplate code for user notifications

php artisan make:command

- Create a new Artisan command

- Generates the boilerplate code for creating custom commands that can be executed via the artisan console module

php artisan migrate

- Run the database migrations
- Executes all the pending database migration files to create the application database

php artisan migrate:rollback

- Rollback the last database migration
- Reverses the executed database migration files

php artisan migrate:refresh

- Reset and re-run all migrations
- This command reverses all executed database migration files then executes them again

php artisan db:seed

- Seed the database with records
- Executes the database seed files.
- Seeding is a term that is used to describe the process of adding dummy records to the database for testing purposes

php artisan vendor:publish

- Publish any publishable assets from vendor packages
- This command is used to publish assets for the third party installed packages.
- Its usually executed after you install a new package and you need to access resources such as
 - Configuration files
 - Assets in the public directory
 - More

php artisan down

- Put the application into maintenance mode
- This command is used to put the application in maintenance mode.

- This means no page can be accessed on the application.
- The message that says the application is under maintenance is displayed instead

php artisan up

- Bring the application out of maintenance mode
- This command is the opposite of down.
- It is used to bring the application back online

php artisan tinker

- Interact with your application
- This command is used to start the built-in shell program called tinker.
- Tinker loads the Laravel application environment and allows you to interact with the framework from the command line

In []: