

Laravel - Artisan Commands

Topics : [Laravel](#)

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In Laravel, Artisan is the command-line interface included with the framework. It provides a number of helpful commands for common tasks like database migrations, running tests, and generating boilerplate code. You can access Artisan by using the `php artisan` command in the terminal.

Here are some commonly used Artisan commands:

1. Migrations:

- `php artisan migrate`: Run any pending migrations.
- `php artisan migrate:rollback`: Rollback the last database migration.
- `php artisan migrate:status`: Show the status of each migration.

2. Database Seeding:

- `php artisan db:seed`: Seed the database with records.

3. Generate Code:

- `php artisan make:model ModelName`: Create a new Eloquent model.
- `php artisan make:controller ControllerName`: Create a new controller.
- `php artisan make:middleware MiddlewareName`: Create a new middleware.
- `php artisan make:migration MigrationName`: Create a new database migration.

4. Tinker (Interactive Shell):

- `php artisan tinker`: Open the interactive REPL (Read-Eval-Print Loop) for Laravel.

5. Routes:

- `php artisan route:list`: List all registered routes.

6. Clear Cache:

- `php artisan cache:clear`: Flush the application cache.
- `php artisan config:clear`: Remove the configuration cache file.

7. Environment Configuration:

- `php artisan env`: Display the current environment.
- `php artisan config:cache`: Create a cache file for faster configuration loading.

8. Queue Workers:

- `php artisan queue:work`: Start processing jobs on the queue.

9. Testing:

- `php artisan test`: Run your application tests.

10. Make Custom Artisan Command:

- `php artisan make:command CommandName`: Create a new Artisan command.

11. Optimizing for Production:

- `php artisan optimize`: Combine and minify configuration files for faster performance.

These are just a few examples of the many Artisan commands available in Laravel. You can explore the full list of commands by running `php artisan list` in your terminal. Additionally, you can get help for any specific command by using the `--help` option, like `php artisan migrate --help`. This will display information about the available options and arguments for that command.

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