

# ARTISAN CONSOLE COMMANDS

## Introduction to Laravel Artisan:

### 1. Basic Usage:

- To run an Artisan command, use ``php artisan <command>``.
- You can get a list of all available commands by running ``php artisan list``.

### 2. Help for a Specific Command:

- To get help for a specific command, use ``php artisan help <command>``.

## Commonly Used Artisan Commands:

### 1. ``php artisan make`` Commands:

- ``make:controller``: Create a new controller.
- ``make:model``: Create a new Eloquent model.
- ``make:migration``: Create a new migration file.
- ``make:middleware``: Create a new middleware.

### 2. Database Migrations:

- ``php artisan migrate``: Run outstanding migrations.
- ``php artisan migrate:rollback``: Rollback the last database migration.

- ``php artisan migrate:status``: Show the status of each migration.

### 3. Database Seeding:

- ``php artisan db:seed``: Seed the database with records.
- ``php artisan db:seed --class=<SeederClass>``: Run a specific seeder.

### 4. Artisan Tinker:

- ``php artisan tinker``: Interact with your application through the command line.

### 5. Route Management:

- ``php artisan route:list``: Display a list of all registered routes.
- ``php artisan route:cache``: Create a route cache file for faster route registration.

### 6. Clear Caches:

- ``php artisan cache:clear``: Flush the application cache.
- ``php artisan config:clear``: Remove the configuration cache file.
- ``php artisan view:clear``: Clear the compiled view files.

### 7. Task Scheduling:

- ``php artisan schedule:run``: Run the scheduled tasks.

### 8. Environment Configuration:

- ``php artisan env``: Display the current environment.

## 9. Custom Commands:

- You can create your own custom Artisan commands using ``php artisan make:command``.

These are just a few examples, and there are many more Artisan commands available for various tasks. You can explore the full list and details in the official Laravel documentation: [Laravel Artisan](<https://laravel.com/docs/8.x/artisan>).