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Lumen cheat sheet

📄 lumen-cheatsheet.md

Raw

Lumen / Laravel Cheat sheet

Install Lumen / Laravel

install global installer

```
composer global require "laravel/lumen-installer"
```

```
composer global require "laravel/installer"
```

start new project

```
lumen new {project-name}
```

```
laravel new {project-name}
```

start app

```
php -S localhost:8000 -t public
```

Config

change config

```
.env in root dir
```

access config

```
$config_key = env('{config-key}')
```

Routing

Note: Route parameters cannot contain the - character. Use an underscore (_) instead.

Verbs

```
$app->get($uri, $callback);  
$app->post($uri, $callback);  
$app->put($uri, $callback);  
$app->patch($uri, $callback);  
$app->delete($uri, $callback);  
$app->options($uri, $callback);
```

Route Parameters

```
$app->get('user/{id}', function(Request $req, $id) {  
    /    /  
})
```

Constrained Route Parameters

```
$app->get('user/{name:[A-Za-z]+}', function ($name) {  
    //  
});
```

Named Routes

```
$app->get('profile', ['as' => 'profile', function (Request $req) {  
    //  
}]);  
  
$url = route('profile');
```

Route Groups

Allows a group of routes to share namespaces, prefix and middleware

Middleware

```
$app->group(['middleware' => 'auth'], function () use ($app) {  
    $app->get('/', function () {  
        // Uses Auth Middleware  
    });  
  
    $app->get('user/profile', function () {  
        // Uses Auth Middleware  
    });  
});
```

Base Route / Prefix

```
$app->group(['prefix' => 'accounts/{account_id}'], function ($app) {  
    $app->get('detail', function ($account_id) {  
        // Matches The accounts/{account_id}/detail URL  
    });  
});
```

Middleware

A middleware is a layer that lives between the `web request handler (web server)` and the `router and controller`.

`request -> middleware -> routing/controller`

This allows you to modify the request before being passed to the controller, check for `tokens`, start a timer before and stop after allowing you to log how long the controller takes etc.

Creating a Middleware

```
middleware([ App\Http\Middleware\App\Http\Middleware\MyMiddleware::class ]); #### Only Certain Routes $app->routeMiddleware([ 'middleware' => App\Http\Middleware\App\Http\Middleware\MyMiddleware::class ]);
```

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