

# Resource Controller

## Description

- A resource controller is used to create , read , update and delete items from the database using a web interface.
- In this section, we will use artisan to generate a resource controller for a resource called Brand

## Create Resource Controller

### Creating

- In cmdr

```
cd mystore  
php artisan make:controller BrandController --resource
```

### Results

- In VSC, the file `codeblog\mystore\app\Http\Controllers\BrandController.php`
- The file has six method boilerplate :
  - GET : index , create , show , edit
  - POST : store
  - PATCH : update
  - DELETE : destroy

## Route to Resource Controller

- In VSC, open file `codeblog\mystore\routes\web.php`
- Add resource route to resource controller

```

web.php
mystore > routes > web.php > ...
27 }->middleware('before');
28
29 Route::get('/analytics', function () {
30     return 'analytics dashboard';
31 })->middleware('after');
32
33 Route::get('/statistics', function () {
34     return 'statistics dashboard';
35 })->middleware('before', 'after');
36
37 Route::get('/store', function () {
38     return redirect('admin');
39 });
40
41 Route::get('blog/{url}', 'ShowBlogPostController');
42 Route::resource('brands', 'BrandController');
43

```

## List Routes

- In cmdr

```
php artisan route:list
```

```

C:\xampp\htdocs\tutorials\kodeblog\mystore (master -> origin)
λ php artisan route:list

```

Domain	Method	URI	Name	Action	Middleware
	GET HEAD	/	home	App\Http\Controllers\HomeController@index	web
	GET HEAD	about-us	about.us	Closure	web
	GET HEAD	admin		Closure	web,before
	GET HEAD	analytics		Closure	web,after
	GET HEAD	api/products		Closure	api
	GET HEAD	api/user		Closure	api,auth:api
	GET HEAD	blog/{url}		App\Http\Controllers\ShowBlogPostController	web
	POST	brands	brands.store	App\Http\Controllers\BrandController@store	web
	GET HEAD	brands	brands.index	App\Http\Controllers\BrandController@index	web,postController
	GET HEAD	brands/create	brands.create	App\Http\Controllers\BrandController@create	web,createController
	PUT PATCH	brands/{brand}	brands.update	App\Http\Controllers\BrandController@update	web
	GET HEAD	brands/{brand}	brands.show	App\Http\Controllers\BrandController@show	web
	DELETE	brands/{brand}	brands.destroy	App\Http\Controllers\BrandController@destroy	web
	GET HEAD	brands/{brand}/edit	brands.edit	App\Http\Controllers\BrandController@edit	web
	GET HEAD	categories/{url?}	categories	Closure	web
	GET HEAD	hello/{name}	hello	App\Http\Controllers\HelloController@index	web
	GET HEAD	pages/{name}	pages	App\Http\Controllers\HomeController@page	web
	GET HEAD	products/{url}	products	Closure	web
	GET HEAD	statistics		Closure	web,before,after
	GET HEAD	store		Closure	web

```

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λ php artisan route:list

```

## Commit Step

In [ ]:

