

# CURSO LARAVEL 5.6 - RELACIONAMENTO ENTRE TABELAS

## Carlos Ferreira (EspecializaTI)

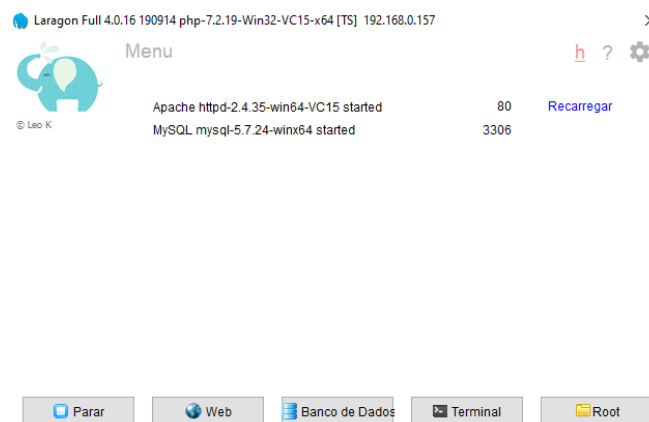
<https://www.youtube.com/watch?v=yIOBD8D0GBU&list=PLVSNL1PHDWvSk2zxNTYzGRnPMQTFyrYUi>

Resumo do curso feito por Roberto Pinheiro

## AULA 01 - INSTALANDO E CONFIGURANDO

- Instale o Laragon

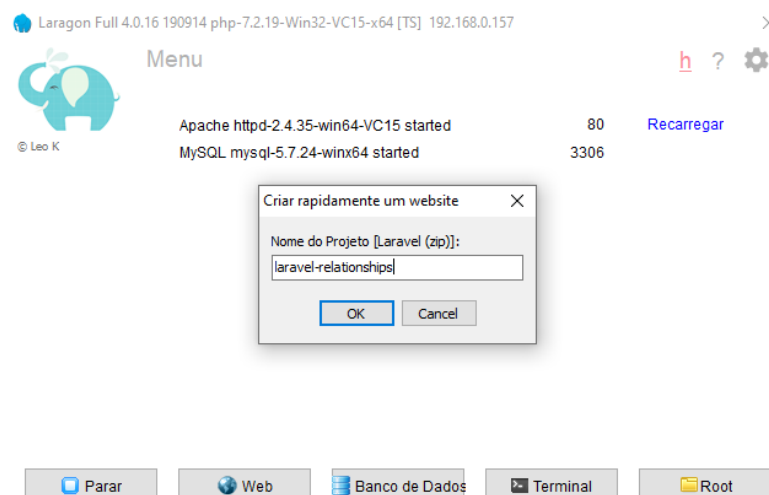
- Clique no botão "Iniciar tudo"



## Criando um virtual host

- Clique com o botão direito do mouse sobre esta tela e selecione a opção "Criar rapidamente um website" → "Laravel (zip)"

Em "Nome do projeto" insira "laravel-relationships" e clique no botão "Ok"



- Será criado a pasta "laravel-relationships" dentro de "C:\Laragon\www"

Este Computador > W10 - 1 (C:) > laragon > www

Nome	Data de modificaç...	Tipo	Tamanho
admin	16/08/2020 18:53	Pasta de arquivos	
app_blog	05/09/2020 05:13	Pasta de arquivos	
app-laravel	31/07/2020 23:40	Pasta de arquivos	
blog	16/08/2020 18:41	Pasta de arquivos	
laravel-relationships	11/09/2020 15:08	Pasta de arquivos	
OLD	18/05/2020 17:01	Pasta de arquivos	
projeto-survey-system-original	24/03/2020 22:51	Pasta de arquivos	
sgi30-dev	20/03/2020 03:27	Pasta de arquivos	
sgi30-prod	20/03/2020 03:23	Pasta de arquivos	
ss11-dev	18/05/2020 16:45	Pasta de arquivos	
vendor	08/08/2020 15:01	Pasta de arquivos	
composer.json	08/08/2020 14:59	Arquivo JSON	1 KB
composer.lock	08/08/2020 15:01	Arquivo LOCK	97 KB
index.php	17/10/2018 07:31	Arquivo PHP	2 KB
package-lock.json	08/08/2020 15:45	Arquivo JSON	1 KB

- Também será automaticamente criando o banco de dados "laravel-relationships".

localhost/phpmyadmin

localhost/phpmyadmin/index.php

**phpMyAdmin**  
Welcome to phpMyAdmin

Log in

Username:

Password:

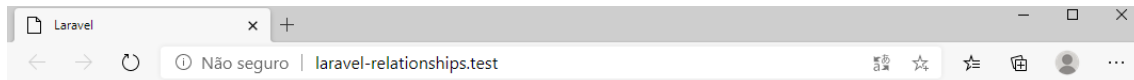
Go

New

- admin\_hazlo
- appblog
- blog
- curso\_laravel\_6
- incidentes
- information\_schema
- laravel-relationships
- laravel6\_hazlo
- mysql
- performance\_schema
- surveysystem
- sys

- E gerada a URL amigável:

<http://laravel-relationships.test/>



- Que é equivalente a entrar com a URL:

`http://localhost/laravel-relationships/public/`

### Arquivos gerados ao criar o virtual host

**C:\laragon\etc\apache2\sites-enabled\ auto.laravel-relationships.test.conf**

```
<VirtualHost *:80>
  DocumentRoot "C:/laragon/www/laravel-relationships/public/"
  ServerName laravel-relationships.test
  ServerAlias *.laravel-relationships.test
  <Directory "C:/laragon/www/laravel-relationships/public/">
    AllowOverride All
    Require all granted
  </Directory>
</VirtualHost>
```

# If you want to use SSL, enable it by going to Menu > Apache > SSL > Enabled

- E no arquivo " C:\Windows\System32\drivers\etc\hosts" é inserida a linha:

**C:\Windows\System32\drivers\etc\hosts**

```
# Copyright (c) 1993-2009 Microsoft Corp.
#
# This is a sample HOSTS file used by Microsoft TCP/IP for Windows.
#
# This file contains the mappings of IP addresses to host names. Each
# entry should be kept on an individual line. The IP address should
# be placed in the first column followed by the corresponding host name.
# The IP address and the host name should be separated by at least one
# space.
#
# Additionally, comments (such as these) may be inserted on individual
# lines or following the machine name denoted by a '#' symbol.
#
```

# For example:

```
#  
# 102.54.94.97 rhino.acme.com      # source server  
# 38.25.63.10  x.acme.com         # x client host
```

# localhost name resolution is handled within DNS itself.

```
# 127.0.0.1 localhost  
# ::1 localhost  
127.0.0.1 admin.test      #laragon magic!  
127.0.0.1 app-laravel.test #laragon magic!  
127.0.0.1 app_blog.test  #laragon magic!  
127.0.0.1 blog.test      #laragon magic!  
127.0.0.1 laravel-relationships.test #laragon magic!  
127.0.0.1 OLD.test       #laragon magic!  
127.0.0.1 projeto-survey-system-original.test #laragon magic!  
127.0.0.1 sgi30-dev.test  #laragon magic!  
127.0.0.1 sgi30-prod.test #laragon magic!  
127.0.0.1 ss11-dev.test   #laragon magic!  
127.0.0.1 vendor.test     #laragon magic!
```

## config/app.php

```
<?php
```

```
return [
```

```
    /*
    |-----
    | Application Name
    |-----
    |
    | This value is the name of your application. This value is used when the
    | framework needs to place the application's name in a notification or
    | any other location as required by the application or its packages.
    |
    */
```

```
    'name' => env('APP_NAME', 'Laravel Relationships'),
```

```
    /*
    |-----
    | Application Environment
    |-----
    |
    | This value determines the "environment" your application is currently
    | running in. This may determine how you prefer to configure various
    | services your application utilizes. Set this in your ".env" file.
    |
    */
```

```
    'env' => env('APP_ENV', 'production'),
```

```
    /*
    |-----
    | Application Debug Mode
    |-----
    |
    | When your application is in debug mode, detailed error messages with
    | stack traces will be shown on every error that occurs within your
    | application. If disabled, a simple generic error page is shown.
    |
    */
```

```
    'debug' => env('APP_DEBUG', false),
```

```
    /*
    |-----
    | Application URL
    |-----
    |
    | This URL is used by the console to properly generate URLs when using
    | the Artisan command line tool. You should set this to the root of
    | your application so that it is used when running Artisan tasks.
    |
    */
```

```
    'url' => env('APP_URL', 'http://localhost'),
```

```
/*
|-----
| Application Timezone
|-----
|
| Here you may specify the default timezone for your application, which
| will be used by the PHP date and date-time functions. We have gone
| ahead and set this to a sensible default for you out of the box.
|
*/
```

```
'timezone' => 'America/Sao_Paulo',
```

```
/*
|-----
| Application Locale Configuration
|-----
|
| The application locale determines the default locale that will be used
| by the translation service provider. You are free to set this value
| to any of the locales which will be supported by the application.
|
*/
```

```
'locale' => 'en',
```

```
/*
|-----
| Application Fallback Locale
|-----
|
| The fallback locale determines the locale to use when the current one
| is not available. You may change the value to correspond to any of
| the language folders that are provided through your application.
|
*/
```

```
'fallback_locale' => 'en',
```

```
/*
|-----
| Encryption Key
|-----
|
| This key is used by the Illuminate encrypter service and should be set
| to a random, 32 character string, otherwise these encrypted strings
| will not be safe. Please do this before deploying an application!
|
*/
```

```
'key' => env('APP_KEY'),
```

```
'cipher' => 'AES-256-CBC',
```

```
/*
|-----
```

```

| Autoloaded Service Providers
|-----
|
| The service providers listed here will be automatically loaded on the
| request to your application. Feel free to add your own services to
| this array to grant expanded functionality to your applications.
|
*/

'providers' => [

    /*
     * Laravel Framework Service Providers...
     */
    Illuminate\Auth\AuthServiceProvider::class,
    Illuminate\Broadcasting\BroadcastServiceProvider::class,
    Illuminate\Bus\BusServiceProvider::class,
    Illuminate\Cache\CacheServiceProvider::class,
    Illuminate\Foundation\Providers\ConsoleSupportServiceProvider::class,
    Illuminate\Cookie\CookieServiceProvider::class,
    Illuminate\Database\DatabaseServiceProvider::class,
    Illuminate\Encryption\EncryptionServiceProvider::class,
    Illuminate\Filesystem\FilesystemServiceProvider::class,
    Illuminate\Foundation\Providers\FoundationServiceProvider::class,
    Illuminate\Hashing\HashServiceProvider::class,
    Illuminate\Mail\MailServiceProvider::class,
    Illuminate\Notifications\NotificationServiceProvider::class,
    Illuminate\Pagination\PaginationServiceProvider::class,
    Illuminate\Pipeline\PipelineServiceProvider::class,
    Illuminate\Queue\QueueServiceProvider::class,
    Illuminate\Redis\RedisServiceProvider::class,
    Illuminate\Auth\Passwords>PasswordResetServiceProvider::class,
    Illuminate\Session\SessionServiceProvider::class,
    Illuminate\Translation\TranslationServiceProvider::class,
    Illuminate\Validation\ValidationServiceProvider::class,
    Illuminate\View\ViewServiceProvider::class,

    /*
     * Package Service Providers...
     */

    /*
     * Application Service Providers...
     */
    App\Providers\AppServiceProvider::class,
    App\Providers\AuthServiceProvider::class,
    // App\Providers\BroadcastServiceProvider::class,
    App\Providers\EventServiceProvider::class,
    App\Providers\RouteServiceProvider::class,

],

/*
|-----
| Class Aliases
|-----
|

```

```
| This array of class aliases will be registered when this application
| is started. However, feel free to register as many as you wish as
| the aliases are "lazy" loaded so they don't hinder performance.
|
*/
```

```
'aliases' => [

    'App' => Illuminate\Support\Facades\App::class,
    'Artisan' => Illuminate\Support\Facades\Artisan::class,
    'Auth' => Illuminate\Support\Facades\Auth::class,
    'Blade' => Illuminate\Support\Facades\Blade::class,
    'Broadcast' => Illuminate\Support\Facades\Broadcast::class,
    'Bus' => Illuminate\Support\Facades\Bus::class,
    'Cache' => Illuminate\Support\Facades\Cache::class,
    'Config' => Illuminate\Support\Facades\Config::class,
    'Cookie' => Illuminate\Support\Facades\Cookie::class,
    'Crypt' => Illuminate\Support\Facades\Crypt::class,
    'DB' => Illuminate\Support\Facades\DB::class,
    'Eloquent' => Illuminate\Database\Eloquent\Model::class,
    'Event' => Illuminate\Support\Facades\Event::class,
    'File' => Illuminate\Support\Facades\File::class,
    'Gate' => Illuminate\Support\Facades\Gate::class,
    'Hash' => Illuminate\Support\Facades\Hash::class,
    'Lang' => Illuminate\Support\Facades\Lang::class,
    'Log' => Illuminate\Support\Facades\Log::class,
    'Mail' => Illuminate\Support\Facades\Mail::class,
    'Notification' => Illuminate\Support\Facades\Notification::class,
    'Password' => Illuminate\Support\Facades>Password::class,
    'Queue' => Illuminate\Support\Facades\Queue::class,
    'Redirect' => Illuminate\Support\Facades\Redirect::class,
    'Redis' => Illuminate\Support\Facades\Redis::class,
    'Request' => Illuminate\Support\Facades\Request::class,
    'Response' => Illuminate\Support\Facades\Response::class,
    'Route' => Illuminate\Support\Facades\Route::class,
    'Schema' => Illuminate\Support\Facades\Schema::class,
    'Session' => Illuminate\Support\Facades\Session::class,
    'Storage' => Illuminate\Support\Facades\Storage::class,
    'URL' => Illuminate\Support\Facades\URL::class,
    'Validator' => Illuminate\Support\Facades\Validator::class,
    'View' => Illuminate\Support\Facades\View::class,

],

];
```



## composer.json

```
{
  "name": "laravel/laravel",
  "description": "The Laravel Framework.",
  "keywords": ["framework", "laravel"],
  "license": "MIT",
  "type": "project",
  "require": {
    "php": "^7.1.3",
    "fideloper/proxy": "^4.0",
    "laravel/framework": "5.6.*",
    "laravel/tinker": "^1.0"
  },
  "require-dev": {
    "filp/whoops": "^2.0",
    "fzaninotto/faker": "^1.4",
    "mockery/mockery": "^1.0",
    "nunomaduro/collision": "^2.0",
    "phpunit/phpunit": "^7.0"
  },
  "autoload": {
    "classmap": [
      "database/seeds",
      "database/factories"
    ],
    "psr-4": {
      "App\\": "app/"
    }
  },
  "autoload-dev": {
    "psr-4": {
      "Tests\\": "tests/"
    }
  },
  "extra": {
    "laravel": {
      "dont-discover": [
      ]
    }
  },
  "scripts": {
    "post-root-package-install": [
      "@php -r \"file_exists('.env') || copy('.env.example', '.env');\""
    ],
    "post-create-project-cmd": [
      "@php artisan key:generate"
    ],
    "post-autoload-dump": [
      "Illuminate\\Foundation\\ComposerScripts::postAutoloadDump",
      "@php artisan package:discover"
    ]
  },
  "config": {
    "preferred-install": "dist",
    "sort-packages": true,
    "optimize-autoloader": true
  }
}
```

```
},  
  "minimum-stability": "dev",  
  "prefer-stable": true  
}
```

## **.env**

```
APP_NAME=Laravel  
APP_ENV=local  
APP_KEY=base64:M29FqBdy1ir30TerdGYjv3YPRsMN+3k8vDvlgM+stTw=  
APP_DEBUG=true  
APP_URL=http://laravel-relationships.test
```

```
LOG_CHANNEL=stack
```

```
DB_CONNECTION=mysql  
DB_HOST=127.0.0.1  
DB_PORT=3306  
DB_DATABASE=laravel-relationships  
DB_USERNAME=root  
DB_PASSWORD=
```

```
BROADCAST_DRIVER=log  
CACHE_DRIVER=file  
SESSION_DRIVER=file  
SESSION_LIFETIME=120  
QUEUE_DRIVER=sync
```

```
REDIS_HOST=127.0.0.1  
REDIS_PASSWORD=null  
REDIS_PORT=6379
```

```
MAIL_DRIVER=smtp  
MAIL_HOST=smtp.mailtrap.io  
MAIL_PORT=2525  
MAIL_USERNAME=null  
MAIL_PASSWORD=null  
MAIL_ENCRYPTION=null
```

```
PUSHER_APP_ID=  
PUSHER_APP_KEY=  
PUSHER_APP_SECRET=  
PUSHER_APP_CLUSTER=mt1
```

```
MIX_PUSHER_APP_KEY="{PUSHER_APP_KEY}"  
MIX_PUSHER_APP_CLUSTER="{PUSHER_APP_CLUSTER}"
```

## AULA 02 - CRIANDO TABELAS ONE TO ONE

Relacionamento entre países e suas localizações (latitude e longitude) - (1 país tem 1 localização e cada localização pertence a 1 país).

### Criando o model Country com a migration

php artisan make:model Models\Country -m

```
λ php artisan make:model Models\Country -m
Model created successfully.
Created Migration: 2020_09_11_170324_create_countries_table
```

app\Models\Country.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Country extends Model
{
    //
}
```

database\migrations\2020\_09\_11\_170324\_create\_countries\_table.php

```
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateCountriesTable extends Migration
{
    /**
     * Run the migrations.
     *
     * @return void
     */
    public function up()
    {
        Schema::create('countries', function (Blueprint $table) {
            $table->increments('id');
            $table->string('name', 150)->unique();
            $table->timestamps();
        });
    }
}
```

```

    }

    /**
     * Reverse the migrations.
     *
     * @return void
     */
    public function down()
    {
        Schema::dropIfExists('countries');
    }
}

```

## Criando o model Location com a migration

php artisan make:model Models\Location -m

```

C:\laragon\www\laravel-relationships
λ php artisan make:model Models\Location -m
Model created successfully.
Created Migration: 2020_09_11_171018_create_locations_table

```

### app\Models\Location.php

```
<?php
```

```
namespace App\Models;
```

```
use Illuminate\Database\Eloquent\Model;
```

```
class Location extends Model
```

```

{
    //
}

```

### database\migrations\2020\_09\_11\_171018\_create\_locations\_table.php

```
<?php
```

```
use Illuminate\Support\Facades\Schema;
```

```
use Illuminate\Database\Schema\Blueprint;
```

```
use Illuminate\Database\Migrations\Migration;
```

```
class CreateLocationsTable extends Migration
```

```

{
    /**
     * Run the migrations.
     *
     * @return void
     */
}

```

```

*/
public function up()
{
    Schema::create('locations', function (Blueprint $table) {
        $table->increments('id');
        $table->integer('country_id')->unsigned();
        $table->decimal('latitude', 11, 7)->nullable();
        $table->decimal('longitude', 11, 7)->nullable();
        $table->timestamps();

        $table->foreign('country_id')->references('id')->on('countries')->onDelete('cascade');
    });
}

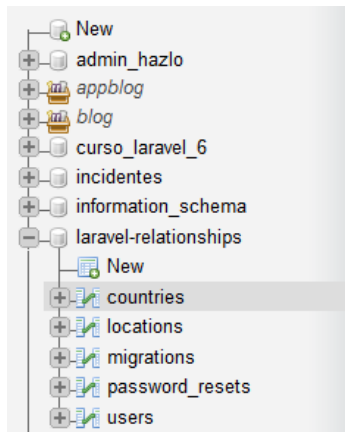
/**
 * Reverse the migrations.
 *
 * @return void
 */
public function down()
{
    Schema::dropIfExists('locations');
}
}

```

# Executando as migrations para criar as tabelas

php artisan migrate

```
C:\laragon\www\laravel-relationships
λ php artisan migrate
Migration table created successfully.
Migrating: 2014_10_12_000000_create_users_table
Migrated: 2014_10_12_000000_create_users_table
Migrating: 2014_10_12_100000_create_password_resets_table
Migrated: 2014_10_12_100000_create_password_resets_table
Migrating: 2020_09_11_170324_create_countries_table
Migrated: 2020_09_11_170324_create_countries_table
Migrating: 2020_09_11_171018_create_locations_table
Migrated: 2020_09_11_171018_create_locations_table
```



Server: localhost:3306 > Database: laravel-relationships > Table: countries

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(10)		UNSIGNED	No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	name	varchar(150)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	created_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	updated_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)

Server: localhost:3306 > Database: laravel-relationships > Table: locations

Table structure | Relation view

#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(10)		UNSIGNED	No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	country_id	int(10)		UNSIGNED	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	latitude	decimal(11,7)			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	longitude	decimal(11,7)			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	created_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	updated_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>

☐ Check all With selected: [Browse](#) [Change](#) [Drop](#) [Primary](#) [Unique](#) [Index](#) [Fulltext](#)

More → Designer

▼	⚙️	laravel-relationships	<b>countries</b>
🔑		id	: int(10) unsigned
🔑		name	: varchar(150)
🕒		created_at	: timestamp
🕒		updated_at	: timestamp

▼	⚙️	laravel-relationships	<b>locations</b>
🔑		id	: int(10) unsigned
#		country_id	: int(10) unsigned
#		latitude	: decimal(11,7)
#		longitude	: decimal(11,7)
🕒		created_at	: timestamp
🕒		updated_at	: timestamp

▼	⚙️	laravel-relationships	<b>users</b>
🔑		id	: int(10) unsigned
📄		name	: varchar(255)
🔑		email	: varchar(255)
📄		password	: varchar(255)
📄		remember_token	: varchar(100)
🕒		created_at	: timestamp
🕒		updated_at	: timestamp

▼	⚙️	laravel-relationships	<b>migrations</b>
🔑		id	: int(10) unsigned
📄		migration	: varchar(255)
#		batch	: int(11)

▼	⚙️	laravel-relationships	<b>password_resets</b>
📄		email	: varchar(255)
📄		token	: varchar(255)
🕒		created_at	: timestamp

## AULA 03 - RELACIONAMENTOS ONE TO ONE

### Populando as tabelas countries e locations

#### Tabela countries

```
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Andorra',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Emirados Árabes Unidos',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Afeganistão',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Antígua e Barbuda',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Anguilla',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Albânia',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Armênia',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Antilhas Holandesas',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Angola',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Antártida',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Argentina',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Samoa Americana',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Áustria',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Austrália',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Aruba',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Ilhas Aland',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Azerbaijão',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bósnia-Herzegovina',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Barbados',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bangladesh',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bélgica',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Burquina Faso',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bulgária',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bahrain',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Burundi',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Benin',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('São Bartolomeu',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bermudas',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Brunei',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bolívia',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Brasil',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Bahamas',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Butão',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Ilha Bouvet',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Botsuana',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Belarus',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Belize',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Canadá',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Ilhas Coco',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Congo-Kinshasa',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('República Centro-Africana',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Congo',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Suíça',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Costa do Marfim',now(),now());
insert into `countries` (`name`, `created_at`, `updated_at`) values ('Ilhas Cook',now(),now());
```



```

insert into `countries`(`name`, `created_at`, `updated_at`) values ('Chile',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('República dos
Camarões',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('China',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Colômbia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Costa Rica',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Sérvia e Montenegro',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Cuba',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Cabo Verde',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Natal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Chipre',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('República Tcheca',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Alemanha',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Djibuti',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Dinamarca',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Dominica',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('República Dominicana',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Argélia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Equador',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Estônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Egito',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Saara Ocidental',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Eritreia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Espanha',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Etiópia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Finlândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Fiji',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Malvinas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Micronésia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Faroe',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('França',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gabão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Reino Unido',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Granada',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Geórgia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiana Francesa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guernsey',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gana',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gibraltar',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Groênlandia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Gâmbia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiné',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guadalupe',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiné Equatorial',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Grécia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Geórgia do Sul e Ilhas Sandwich do
Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guatemala',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guam',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiné Bissau',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Guiana',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Hong Kong, Região Admin. Especial
da China',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilha Heard e Ilhas
McDonald',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Honduras',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Croácia',now(),now());

```

```

insert into `countries`(`name`, `created_at`, `updated_at`) values ('Haiti',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Hungria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Indonésia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Irlanda',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Israel',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilha de Man',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Índia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Território Britânico do Oceano Índico',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Irake',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Irã',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Islândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Itália',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Jersey',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Jamaica',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Jordânia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Japão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Quênia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Quirguistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Camboja',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Quiribati',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Comores',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('São Cristovão e Nevis',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Coreia do Norte',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Coreia do Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Kuwait',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Caiman',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Casaquistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('República Popular Democrática do Laos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Líbano',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Santa Lúcia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Liechtenstein',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Sri Lanka',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Libéria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Lesoto',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Lituânia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Luxemburgo',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Letônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Líbia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Marrocos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mônaco',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Moldávia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Montenegro',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('São Martinho',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Madagascar',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Marshall',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Macedônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mali',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mianmar',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mongólia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Macau, Região Admin. Especial da China',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Marianas do Norte',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Martinica',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mauritânia',now(),now());

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insert into `countries`(`name`, `created_at`, `updated_at`) values ('Montserrat',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Malta',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Maurício',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Maldivas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Malawi',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('México',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Malásia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Moçambique',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Namíbia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nova Caledônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Níger',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilha Norfolk',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nigéria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nicarágua',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Holanda',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Noruega',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nepal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nauru',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Niue',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Nova Zelândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Omã',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Panamá',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Peru',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Polinésia Francesa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Papua-Nova Guiné',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Filipinas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Paquistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Polônia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Saint Pierre e
Miquelon',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Pitcairn',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Porto Rico',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Território da Palestina',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Portugal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Palau',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Paraguai',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Catar',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Reunião',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Romênia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Sérvia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Rússia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ruanda',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Arábia Saudita',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Salomão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Seychelles',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Sudão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Suécia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Cingapura',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Santa Helena',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Eslovênia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Svalbard e Jan Mayen',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Eslováquia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Serra Leoa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('San Marino',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Senegal',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Somália',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Suriname',now(),now());

```

```

insert into `countries`(`name`, `created_at`, `updated_at`) values ('São Tomé e Príncipe',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('El Salvador',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Síria',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Suazilândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Turks e Caicos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Chade',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Territórios Franceses do
Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Togo',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tailândia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tadjiquistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tokelau',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Timor Leste',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Turcomenistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tunísia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tonga',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Turquia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Trinidad e Tobago',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tuvalu',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Taiwan',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Tanzânia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ucrânia',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Uganda',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Menores Distantes dos Estados
Unidos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Estados Unidos',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Uruguai',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Uzbequistão',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Vaticano',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('São Vicente e
Granadinas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Venezuela',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Virgens Britânicas',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Ilhas Virgens dos EUA',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Vietnã',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Vanuatu',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Wallis e Futuna',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Samoa',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Iêmen',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Mayotte',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('África do Sul',now(),now());
insert into `countries`(`name`, `created_at`, `updated_at`) values ('Zâmbia',now(),now());

```

## Tabela locations

```
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (1, 42.506285,1.521801,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (2, 23.424076,53.847818,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (3, 33.93911,67.709953,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (4, 17.060816,-61.796428,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (5, 18.220554,-63.068615,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (6, 41.153332,20.168331,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (7, 40.069099,45.038189,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (8, 17.05,-61.8,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (9, -11.202692,17.873887,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (10,-75.250973,-0.071389,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (11,-38.416097,-63.616672,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (12,-14.3016396,-170.6961815,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (13, 47.516231,14.550072,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (14, -25.274398,133.775136,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (15, 12.52111,-69.968338,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (16, 60.1785247,19.9156105,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (17, 40.143105,47.576927,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (18, 43.915886,17.679076,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (19, 13.193887,-59.543198,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (20, 23.684994,90.356331,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (21, 50.7573733,5.4823477,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (22, 12.238333,-1.561593,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (23, 42.733883,25.48583,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (24, 26.0667,50.5577,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (25, -3.373056,29.918886,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (26, 9.30769,2.315834,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (27, 17.9,-62.833333,now(),now());
```

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insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (28,
32.3078,-64.7505,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (29,
4.535277,114.727669,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (30, -
16.290154,-63.588653,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (31, -
14.235004,-51.92528,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (32,
25.03428,-77.39628,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (33,
27.514162,90.433601,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (34, -
54.423199,3.413194,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (35, -
22.328474,24.684866,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (36,
53.709807,27.953389,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (37,
17.189877,-88.49765,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (38,
56.130366,-106.346771,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (39, -
12.1706919,96.8417478,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (40, -
4.4419311,15.2662931,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (41,
6.611111,20.939444,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (42, -
0.228021,15.827659,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (43,
46.818188,8.227512,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (44,
7.539989,-5.54708,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (45, -
21.236736,-159.777671,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (46, -
35.675147,-71.542969,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (47,
NULL,NULL,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (48,
35.86166,104.195397,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (49,
4.570868,-74.297333,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (50,
9.748917,-83.753428,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (51,
NULL,NULL,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (52,
21.521757, -77.781167,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (53,
15.120142,-23.6051868,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (54, -
10.447525,105.690449,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (55,
35.126413,33.429859,now(),now());

```

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insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (56,
49.817492,15.472962,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (57,
51.165691,10.451526,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (58,
11.5720765,43.1456475,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (59,
56.26392,9.501785,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (60,
15.414999,-61.370976,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (61,
18.735693,-70.162651,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (62,
28.033886,1.659626,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (63, -
1.831239,-78.183406,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (64,
58.595272,25.013607,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (65,
26.820553,30.802498,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (66,
24.215527,-12.885834,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (67,
15.179384,39.782334,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (68,
40.463667,-3.74922,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (69,
9.145,40.489673,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (70,
61.92411,25.748151,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (71, -
17.713371,178.065032,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (72, -
51.796253,-59.523613,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (73,
6.8874581,158.2225229,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (74,
61.892635,-6.911806,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (75,
46.227638,2.213749,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (76, -
0.803689,11.609444,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (77,
53.7190281,-2.0727839,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (78,
12.1165,-61.679,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (79,
42.315407,43.356892,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (80,
3.933889,-53.125782,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (81,
49.465691,-2.585278,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (82,
7.946527,-1.023194,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (83,
36.140751,-5.353585,now(),now());

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insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (84,
71.706936,-42.604303,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (85,
13.443182,-15.310139,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (86,
9.945587,-9.696645,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (87,
16.265,-61.551,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (88,
1.650801,10.267895,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (89,
39.074208,21.824312,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (90, -
54.429579,-36.587909,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (91,
14.6349149,-90.5068824,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (92,
13.444304,144.793731,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (93,
11.803749,-15.180413,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (94,
4.860416,-58.93018,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (95,
NULL,NULL,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (96, -
53.08181,73.504158,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (97,
15.199999,-86.241905,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (98,
45.1,15.2,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (99,
18.971187,-72.285215,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (100,
47.162494,19.503304,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (101, -
0.789275,113.921327,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (102,
53.41291,-8.24389,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (103,
31.046051,34.851612,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (104,
54.236107,-4.548056,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (105,
20.593684,78.96288,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (106, -
7.3346232,72.4242508,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (107,
33.223191,43.679291,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (108,
35.8517933,52.1713236,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (109,
64.963051,-19.020835,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (110,
41.87194,12.56738,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (111,
49.214439,-2.13125,now(),now());

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insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (112,
18.109581,-77.297508,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (113,
30.585164,36.238414,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (114,
36.204824,138.252924,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (115, -
0.023559,37.906193,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (116,
41.20438,74.766098,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (117,
12.565679,104.990963,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (118,
1.8709422,-157.3628595,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (119, -
11.6455,43.3333,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (120,
17.357822,-62.782998,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (121,
40.339852,127.510093,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (122,
35.907757,127.766922,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (123,
29.31166,47.481766,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (124,
19.3133,-81.2546,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (125,
48.019573,66.923684,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (126,
NULL,NULL,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (127,
33.854721,35.862285,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (128,
13.909444,-60.978893,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (129,
47.166,9.555373,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (130,
7.873054,80.771797,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (131,
6.428055,-9.429499,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (132, -
29.609988,28.233608,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (133,
55.169438,23.881275,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (134,
49.815273,6.129583,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (135,
56.879635,24.603189,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (136,
26.3351,17.228331,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (137,
31.791702,-7.09262,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (138,
43.7384176,7.4246158,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (139,
47.411631,28.369885,now(),now());

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insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (140,
42.708678,19.37439,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (141,
18.08255,-63.052251,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (142, -
18.766947,46.869107,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (143,
11.3246908,166.8417424,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (144,
41.608635,21.745275,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (145,
17.570692,-3.996166,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (146,
21.916221,95.955974,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (147,
46.862496,103.846656,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (148,
22.198745,113.543873,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (149,
15.0979,145.6739,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (150,
14.641528,-61.024174,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (151,
21.00789,-10.940835,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values
(152,16.742498,-62.187366,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (153,
48.3597197,-107.8742831,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (154, -
20.348404,57.552152,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (155,
1.9772276,73.536101,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (156, -
13.254308,34.301525,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (157,
23.634501,-102.552784,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (158,
4.210484,101.975766,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (159, -
18.665695,35.529562,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (160, -
22.95764,18.49041,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (161, -
20.904305,165.618042,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (162,
17.607789,8.081666,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (163, -
29.040835,167.954712,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (164,
9.081999,8.675277,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (165,
12.865416,-85.207229,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (166,
52.132633,5.291266,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (167,
60.472024,8.468946,now(),now());

```

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insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (168,
28.394857,84.124008,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (169, -
0.522778,166.931503,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (170, -
19.054445,-169.867233,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (171, -
40.900557,174.885971,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (172,
21.4735329,55.975413,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (173,
8.9823792,-79.5198696,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (174, -
9.189967,-75.015152,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (175, -
17.679742,-149.406843,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (176, -
6.314993,143.95555,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (177,
12.879721,121.774017,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (178,
30.375321,69.345116,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (179,
51.919438,19.145136,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (180,
46.8852,-56.3159,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (181, -
24.3767537,-128.3242376,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (182, -
22.7713328,-53.266603,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (183,
31.952162,35.233154,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (184,
39.399872,-8.224454,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (185,
7.51498,134.58252,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (186, -
23.442503,-58.443832,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (187,
25.354826,51.183884,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (188, -
21.115141,55.536384,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (189,
45.943161,24.96676,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (190,
44.016521,21.005859,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (191,
61.52401,105.318756,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (192, -
1.940278,29.873888,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (193,
23.885942,45.079162,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (194, -
9.64571,160.156194,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (195, -
4.679574,55.491977,now(),now());

```

```

insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (196,
12.862807,30.217636,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (197,
60.128161,18.643501,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (198,
1.352083,103.819836,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (199, -
15.9654353,-5.7115281,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (200,
46.151241,14.995463,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (201,
77.553604,23.670272,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (202,
48.669026,19.699024,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (203,
8.460555,-11.779889,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (204,
43.94236,12.457777,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (205,
14.497401,-14.452362,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (206,
5.152149,46.199616,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (207,
3.919305,-56.027783,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (208,
0.18636,6.613081,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (209,
13.794185,-88.89653,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (210,
34.802075,38.996815,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (211, -
26.522503,31.465866,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (212,
21.694025,-71.797928,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (213,
15.454166,18.732207,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (214,
NULL,NULL,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (215,
8.619543,0.824782,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (216,
15.870032,100.992541,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (217,
38.861034,71.276093,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (218, -
9.2002,-171.8484,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (219, -
8.874217,125.727539,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (220,
38.969719,59.556278,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (221,
33.886917,9.537499,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (222, -
21.178986,-175.198242,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (223,
38.963745,35.243322,now(),now());

```

```

insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (224,
10.691803,-61.222503,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (225, -
7.4784205,178.679924,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (226,
23.69781,120.960515,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (227, -
6.369028,34.888822,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (228,
48.379433,31.16558,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (229,
1.373333,32.290275,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (230,
19.2823192,166.647047,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (231,
37.09024,-95.712891,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (232, -
32.522779,-55.765835,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (233,
41.377491,64.585262,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (234,
41.902916,12.453389,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (235,
13.2528179,-61.1971628,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (236,
6.42375,-66.58973,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (237,
18.420695,-64.639968,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (238,
NULL,NULL,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (239,
14.058324,108.277199,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (240, -
15.376706,166.959158,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (241, -
14.2938,-178.1165,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (242, -
13.759029,-172.104629,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (243,
15.552727,48.516388,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (244, -
12.8275,45.166244,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (245, -
30.559482,22.937506,now(),now());
insert into `locations`(`country_id`, `latitude`, `longitude`, `created_at`, `updated_at` ) values (246, -
13.133897,27.849332,now(),now());

```

## Criando o controller OneToOneController

php artisan make:controller OneToOneController

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller OneToOneController
Controller created successfully.
```

### Rotas

routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');
```

```
Route::get('/', function () {
    return view('welcome');
});
```

## Controller

### app\Http\Controllers\OneToOneController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\Location;
use Illuminate\Http\Request;

class OneToOneController extends Controller
{
    public function index(){
        $states = State::all()->sortByDesc("id");
        $total_states = State::all()->count();
        $country = Country::find(31);
        // dd($countries->pluck('id','name'));
        return view('states/index', compact('states', 'total_states', 'country'));
    }

    public function show($id){
        // Procurando dados de um país pelo seu id

        // $country = Country::find($id);
        $country = Country::where('id', $id)->get()->first();

        if($country){
            $location = $country->location;
            return view('includes/location', compact('country', 'location'));
        } else {
            $location = "<h3>Não existe país registrado com este id!</h3>";
            return $location;
        }
    }

    public function busca_country($name){
        // Procurando dados de um país por seu nome

        $country = Country::where('name', $name)->get()->first();

        if($country){
            $location = $country->location;
            return view('includes/location', compact('country', 'location'));
        } else {
            $location = "<h3>Não existe país registrado com este nome!</h3>";
            return $location;
        }
    }
}
```

## Model

### app\Models\Country.php

```
<?php

namespace App\Models;
use Illuminate\Database\Eloquent\Model;

class Country extends Model
{
    public function location(){
        return $this->hasOne(Location::class);
    }
}
```

## Views

### resources\views\layouts\app.blade.php

```
<!DOCTYPE html>
<html lang="en">
<head>
    <meta charset="UTF-8">
    <meta name="viewport" content="width=device-width, initial-scale=1.0">
    <meta http-equiv="X-UA-Compatible" content="ie=edge">

    <!-- Scripts -->
    <script type="text/javascript" src="{{ url('assets/js/bootstrap.js') }}"></script>

    <!-- Styles -->
    <link rel="stylesheet" type="text/css" href="{{ url('assets/css/bootstrap.css') }}">
    <link rel="stylesheet" type="text/css" href="{{ url('assets/css/styles.css') }}">

    <title>@yield("title")</title>
</head>
<body>
    @yield('content')
</body>
</html>
```

### public\assets\css\styles.css

```
.titulo{
    background-color: rgba(0, 0, 255, 0.1);
    padding: 10px;
    text-transform: uppercase;
}
```



```
.total_registros{
    color: brown;
    padding: 10px;
    display: inline;
    float: right;
}
```

## resources\views\countries\index.blade.php

```
@extends('layouts.app')
```

```
@section('title', 'Listagem de países')
```

```
@section('content')
```

```
<div class="row">
```

```
<div class="col-md-3"></div>
```

```
<div class="col-md-6">
```

```
<div class="mt-3 mb-2">
```

```
<h5 class="text-right total_registros">Total de países: {{ $total_countries }}</h5>
```

```
</div>
```

```
<div style="clear:both" class="card mt-3">
```

```
<div class="card-header">
```

```
<h3 class="text-center">Países</h3>
```

```
</div>
```

```
<table class="table table-striped">
```

```
<thead>
```

```
<th class="text-center">Id</th>
```

```
<th>Nome do país</th>
```

```
<th>Informações</th>
```

```
</thead>
```

```
<tbody>
```

```
@forelse ($countries as $country)
```

```
<tr>
```

```
<td class="text-center">{{ $country->id }}</td>
```

```
<td>{{ $country->name }}</td>
```

```
<td><a href="/one-to-one/country/{{ $country->id }}">Coordenadas</a></td>
```

```
</tr>
```

```
@empty
```

```
<tr>
```

```
<td colspan="3" class="text-center">Não há nenhum país registrado!</td>
```

```
</tr>
```

```
@endforelse
```

```
</tbody>
```

```
</table>
```

```
</div>
```

```
<br>
```

```
</div>
```

```
<div class="col-md-3"></div>
```

```
</div>
```

```
@endsection
```

http://laravel-relationships.test/one-to-one/countries



Total de países: 247

Países		
Id	Nome do país	Informações
247	Zimbábue	<a href="#">Coordenadas</a>
246	Zâmbia	<a href="#">Coordenadas</a>
245	África do Sul	<a href="#">Coordenadas</a>
244	Mayotte	<a href="#">Coordenadas</a>
243	Iêmen	<a href="#">Coordenadas</a>
242	Samoa	<a href="#">Coordenadas</a>
241	Wallis e Futuna	<a href="#">Coordenadas</a>
240	Vanuatu	<a href="#">Coordenadas</a>
239	Vietnã	<a href="#">Coordenadas</a>

.  
.  
.

resources\views\includes\location.blade.php

@extends('layouts.app')

@section('title', 'Dados de localização do país')

@section('content')

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<h4 class="text-center" style="margin: 25px auto; display: block; color: brown; text-transform: uppercase">Coordenadas do país</h4>

<table class="table table-striped">  
 <thead>  
 <th class="text-center">Id</th>  
 <th>País</th>  
 <th>Latitude</th>  
 <th>Longitude</th>  
 </thead>

```

<tbody>
  <tr>
    <td class="text-center">{{$country->id}}</td>
    <td>{{$country->name}}</td>
    <td>{{$location->latitude}}</td>
    <td>{{$location->longitude}}</td>
  </tr>
</tbody>
</table>

<p><a href="/one-to-one/countries">Voltar</a></p>

</div>
<div class="col-md-3"></div>

</div>

@endsection

```

## Busca por id do país

http://laravel-relationships.test/one-to-one/country/245

laravel-relationships.test/one-to-one/country/245

...

ÁFRICA DO SUL

COORDENADAS

Id	País	Latitude	Longitude
245	África do Sul	-30.5594820	22.9375060

Voltar

## Busca por nome do país

http://laravel-relationships.test/one-to-one/country\_name/Estados Unidos

laravel-relationships.test/one-to-one/country\_name/Estados Unidos

...

ESTADOS UNIDOS

COORDENADAS

Id	País	Latitude	Longitude
231	Estados Unidos	37.0902400	-95.7128910

Voltar

# AULA 04 - RELACIONAMENTO ONE TO ONE INVERSO

## Rotas

### routes\web.php

```
<?php

/*
|-----
| One to One
|-----
*/

Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');

Route::get('/', function () {
    return view('welcome');
});
```

## Controller

### app\Http\Controllers\OneToOneController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\Location;
use Illuminate\Http\Request;

class OneToOneController extends Controller
{
    public function index(){
        $countries = Country::all()->sortByDesc("id");
        // dd($countries->pluck('id','name'));
        $total_countries = Country::all()->count();
        return view('countries/index', compact('countries','total_countries'));
    }

    public function show($id){
        // Procurando dados de um país pelo seu id

        // $country = Country::find($id);
        $country = Country::where('id', $id)->get()->first();
    }
}
```

```

if($country){
    $location = $country->location;
    return view('includes/location', compact('country', 'location'));
} else {
    $location = "<h3>Não existe país registrado com este id!</h3>";
    return $location;
}
}

public function new(){
    $dataCountry = [
        'name' => 'Zimbábue'
    ];

    $country = Country::create($dataCountry);

    $dataLocation = [
        'latitude' => -19.015438,
        'longitude' => 29.154857
    ];

    $location = new Location;
    $location->country_id = $country->id;
    $location->latitude = $dataLocation['latitude'];
    $location->longitude = $dataLocation['longitude'];

    $location->save();

    return redirect('/one-to-one/countries');
}

public function busca_country($name){
    // Procurando dados de um país por seu nome

    $country = Country::where('name', $name)->get()->first();

    if($country){
        $location = $country->location;
        return view('includes/location', compact('country', 'location'));
    } else {
        $location = "<h3>Não existe país registrado com este nome!</h3>";
        return $location;
    }
}

public function busca_latitude($latitude){

    $location = Location::where('latitude', $latitude)->get()->first();

    if($location){
        $country = $location->country;
        return view('includes/location', compact('country', 'location'));
    } else {
        $country = "<h3>Não encontrado país com esta latitude!!</h3>";
        return $country;
    }
}

```

```

public function busca_longitude($longitude){
    $location = Location::where('longitude', $longitude)->get()->first();

    if($location){
        $country = $location->country;
        return view('includes/location', compact('country', 'location'));
    } else {
        $country = "<h3>Não encontrado país com esta longitude!!</h3>";
        return $country;
    }
}
}

```

## Model

### app\Models\Location.php

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Location extends Model
{
    public function country(){
        return $this->belongsTo(Country::class);
    }
}

```

## Busca por latitude

<http://laravel-relationships.test/one-to-one-inverse/latitude/-18.7669470>

laravel-relationships.test/one-to-one-inverse/latitude/-18.7669470

MADAGASCAR

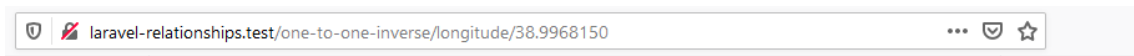
COORDENADAS

Id	País	Latitude	Longitude
142	Madagascar	-18.7669470	46.8691070

Voltar

## Busca por longitude

http://laravel-relationships.test/one-to-one-inverse/longitude/38.9968150



SÍRIA

### COORDENADAS

Id	País	Latitude	Longitude
210	Síria	34.8020750	38.9968150

[Voltar](#)

## AULA 05 - RELACIONAMENTO ONE TO ONE INSERT

### routes\web.php

```
<?php

/*
|-----
| One to One
|-----
*/

Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_nome');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');

Route::get('/', function () {
    return view('welcome');
});
```

### app\Http\Controllers\OneToOneController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\Location;
use Illuminate\Http\Request;

class OneToOneController extends Controller
{
    public function index(){
        $countries = Country::all()->sortByDesc("id");
        // dd($countries->pluck('id','name'));
        $total_countries = Country::all()->count();
        return view('countries/index', compact('countries','total_countries'));
    }

    public function show($id){
        // Procurando dados de um país pelo seu id

        // $country = Country::find($id);
        $country = Country::where('id', $id)->get()->first();
    }
}
```



```

if($country){
    $location = $country->location;
    return view('includes/location', compact('country', 'location'));
} else {
    $location = "<h3>Não existe país registrado com este id!</h3>";
    return $location;
}
}

public function new(){
    $dataCountry = [
        'name' => 'Zimbábue'
    ];

    $country = Country::create($dataCountry);

    $dataLocation = [
        'latitude' => -19.015438,
        'longitude' => 29.154857
    ];

    $location = new Location;
    $location->country_id = $country->id;
    $location->latitude = $dataLocation['latitude'];
    $location->longitude = $dataLocation['longitude'];

    $location->save();

    return redirect('/one-to-one/countries');
}

public function busca_country($name){
    // Procurando dados de um país por seu nome

    $country = Country::where('name', $name)->get()->first();

    if($country){
        $location = $country->location;
        return view('includes/location', compact('country', 'location'));
    } else {
        $location = "<h3>Não existe país registrado com este nome!</h3>";
        return $location;
    }
}

public function busca_latitude($latitude){

    $location = Location::where('latitude', $latitude)->get()->first();

    if($location){
        $country = $location->country;
        return view('includes/location', compact('country', 'location'));
    } else {
        $country = "<h3>Não encontrado país com esta latitude!!</h3>";
        return $country;
    }
}

```

```

public function busca_longitude($longitude){
    $location = Location::where('longitude', $longitude)->get()->first();

    if($location){
        $country = $location->country;
        return view('includes/location', compact('country', 'location'));
    } else {
        $country = "<h3>Não encontrado país com esta longitude!!</h3>";
        return $country;
    }
}
}
}

```

<http://laravel-relationships.test/one-to-one-insert>

laravel-relationships.test/one-to-one/countries		
Total de países: 247		
Países		
Id	Nome do país	Informações
247	Zimbábue	<a href="#">Coordenadas</a>
246	Zâmbia	<a href="#">Coordenadas</a>
245	África do Sul	<a href="#">Coordenadas</a>
244	Mayotte	<a href="#">Coordenadas</a>
243	Iêmen	<a href="#">Coordenadas</a>
242	Samoa	<a href="#">Coordenadas</a>
241	Wallis e Futuna	<a href="#">Coordenadas</a>
240	Vanuatu	<a href="#">Coordenadas</a>
239	Vietnã	<a href="#">Coordenadas</a>

<http://laravel-relationships.test/one-to-one/country/247>

laravel-relationships.test/one-to-one/country/247			
ZIMBÁBUE			
COORDENADAS			
Id	País	Latitude	Longitude
247	Zimbábue	-19.0154380	29.1548570
<a href="#">Voltar</a>			

## AULA 06 - CRIANDO TABELAS ONE TO MANY

Relacionamento entre países e estados (1 país tem muitos estados e cada estado pertence a 1 país) e entre estado e cidades (1 estado tem muitas cidades e cada cidade pertence a 1 estado).

### Criando o controller OneToManyController

```
php artisan make:controller OneToManyController
```

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller OneToManyController
Controller created successfully.
```

### Criando o model State com a migration

```
php artisan make:model Models\State -m
```

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\State -m
Model created successfully.
Created Migration: 2020_09_12_155738_create_states_table
```

### Criando o model City com a migration

```
php artisan make:model Models\City -m
```

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\City -m
Model created successfully.
Created Migration: 2020_09_12_160623_create_cities_table
```

## Migrations

### database\migrations\2020\_09\_12\_155738\_create\_states\_table.php

```
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateStatesTable extends Migration
{
    public function up()
    {
        Schema::create('states', function (Blueprint $table) {
            $table->increments('id');
            $table->integer('country_id')->unsigned();
            $table->string('name', 100);
            $table->string('initials', 10);
            $table->timestamps();

            $table->foreign('country_id')->references('id')->on('countries')->onDelete('cascade');
        });
    }

    public function down()
    {
        Schema::dropIfExists('states');
    }
}
```

### database\migrations\2020\_09\_12\_160623\_create\_cities\_table.php

```
<?php

use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;

class CreateCitiesTable extends Migration
{
    public function up()
    {
        Schema::create('cities', function (Blueprint $table) {
            $table->increments('id');
            $table->integer('state_id')->unsigned();
            $table->string('name', 100);
            $table->timestamps();

            $table->foreign('state_id')->references('id')->on('states')->onDelete('cascade');
        });
    }
}
```

```
public function down()
{
    Schema::dropIfExists('cities');
}
}
```

## Executando as migrations para criar as tabelas

php artisan migrate

```
C:\laragon\www\laravel-relationships
λ php artisan migrate
Migrating: 2020_09_12_155738_create_states_table
Migrated:  2020_09_12_155738_create_states_table
Migrating: 2020_09_12_160623_create_cities_table
Migrated:  2020_09_12_160623_create_cities_table
```

## Models

### app\Models\State.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class State extends Model
{
    //
}
```

### app\Models\City.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class City extends Model
{
    //
}
```

## AULA 07 - RELACIONAMENTO ONE TO MANY

### Populando as tabelas states e cities

#### States

```
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Acre','AC',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Alagoas','AL',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Amazonas','AM',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Amapá','AP',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Bahia','BA',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Ceará','CE',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Distrito
Federal','DF',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Espírito
Santo','ES',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Goiás','GO',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Maranhão','MA',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Minas
Gerais','MG',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Mato
Grosso do Sul','MS',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Mato
Grosso','MT',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Pará','PA',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Paraíba','PB',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Pernambuco','PE',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Piauí','PI',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Paraná','PR',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Rio de
Janeiro','RJ',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Rio
Grande do Norte','RN',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Rondônia','RO',now(),now());
```

```

insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Roraima','RR',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Rio
Grande do Sul','RS',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'Santa
Catarina','SC',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Sergipe','SE',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values (31,'São
Paulo','SP',now(),now());
insert into `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) values
(31,'Tocantins','TO',now(),now());

```

## Cities

```

INSERT INTO `cities`(`id`,`name`,`state_id`,`created_at`,`updated_at`) VALUES
(1, 'Afonso Cláudio', 8,now(),now()),
(2, 'Água Doce do Norte', 8,now(),now()),
(3, 'Águia Branca', 8,now(),now()),
(4, 'Alegre', 8,now(),now()),
(5, 'Alfredo Chaves', 8,now(),now()),
(6, 'Alto Rio Novo', 8,now(),now()),
(7, 'Anchieta', 8,now(),now()),
(8, 'Apiacá', 8,now(),now()),
(9, 'Aracruz', 8,now(),now()),
(10, 'Atilio Vivacqua', 8,now(),now()),
(11, 'Baixo Guandu', 8,now(),now()),
(12, 'Barra de São Francisco', 8,now(),now()),
(13, 'Boa Esperança', 8,now(),now()),
(14, 'Bom Jesus do Norte', 8,now(),now()),
(15, 'Brejetuba', 8,now(),now()),
(16, 'Cachoeiro de Itapemirim', 8,now(),now()),
(17, 'Cariacica', 8,now(),now()),
(18, 'Castelo', 8,now(),now()),
(19, 'Colatina', 8,now(),now()),
(20, 'Conceição da Barra', 8,now(),now()),
(21, 'Conceição do Castelo', 8,now(),now()),
(22, 'Divino de São Lourenço', 8,now(),now()),
(23, 'Domingos Martins', 8,now(),now()),
(24, 'Dores do Rio Preto', 8,now(),now()),
(25, 'Ecoporanga', 8,now(),now()),
(26, 'Fundão', 8,now(),now()),
(27, 'Governador Lindenberg', 8,now(),now()),
(28, 'Guaçuí', 8,now(),now()),
(29, 'Guarapari', 8,now(),now()),
(30, 'Ibatiba', 8,now(),now()),
(31, 'Ibiraçu', 8,now(),now()),
(32, 'Ibitirama', 8,now(),now()),
(33, 'Iconha', 8,now(),now()),
(34, 'Irupi', 8,now(),now()),
(35, 'Itaguaçu', 8,now(),now()),
(36, 'Itapemirim', 8,now(),now()),
(37, 'Itarana', 8,now(),now()),
(38, 'Iúna', 8,now(),now()),

```

(39, 'Jaguaré', 8,now(),now()),  
(40, 'Jerônimo Monteiro', 8,now(),now()),  
(41, 'João Neiva', 8,now(),now()),  
(42, 'Laranja da Terra', 8,now(),now()),  
(43, 'Linhares', 8,now(),now()),  
(44, 'Mantenópolis', 8,now(),now()),  
(45, 'Marataízes', 8,now(),now()),  
(46, 'Marechal Floriano', 8,now(),now()),  
(47, 'Marilândia', 8,now(),now()),  
(48, 'Mimoso do Sul', 8,now(),now()),  
(49, 'Montanha', 8,now(),now()),  
(50, 'Mucurici', 8,now(),now()),  
(51, 'Muniz Freire', 8,now(),now()),  
(52, 'Muqui', 8,now(),now()),  
(53, 'Nova Venécia', 8,now(),now()),  
(54, 'Pancas', 8,now(),now()),  
(55, 'Pedro Canário', 8,now(),now()),  
(56, 'Pinheiros', 8,now(),now()),  
(57, 'Piúma', 8,now(),now()),  
(58, 'Ponto Belo', 8,now(),now()),  
(59, 'Presidente Kennedy', 8,now(),now()),  
(60, 'Rio Bananal', 8,now(),now()),  
(61, 'Rio Novo do Sul', 8,now(),now()),  
(62, 'Santa Leopoldina', 8,now(),now()),  
(63, 'Santa Maria de Jetibá', 8,now(),now()),  
(64, 'Santa Teresa', 8,now(),now()),  
(65, 'São Domingos do Norte', 8,now(),now()),  
(66, 'São Gabriel da Palha', 8,now(),now()),  
(67, 'São José do Calçado', 8,now(),now()),  
(68, 'São Mateus', 8,now(),now()),  
(69, 'São Roque do Canaã', 8,now(),now()),  
(70, 'Serra', 8,now(),now()),  
(71, 'Sooretama', 8,now(),now()),  
(72, 'Vargem Alta', 8,now(),now()),  
(73, 'Venda Nova do Imigrante', 8,now(),now()),  
(74, 'Viana', 8,now(),now()),  
(75, 'Vila Pavão', 8,now(),now()),  
(76, 'Vila Valério', 8,now(),now()),  
(77, 'Vila Velha', 8,now(),now()),  
(78, 'Vitória', 8,now(),now()),  
(79, 'Acrelândia', 1,now(),now()),  
(80, 'Assis Brasil', 1,now(),now()),  
(81, 'Brasiléia', 1,now(),now()),  
(82, 'Bujari', 1,now(),now()),  
(83, 'Capixaba', 1,now(),now()),  
(84, 'Cruzeiro do Sul', 1,now(),now()),  
(85, 'Epitaciolândia', 1,now(),now()),  
(86, 'Feijó', 1,now(),now()),  
(87, 'Jordão', 1,now(),now()),  
(88, 'Mâncio Lima', 1,now(),now()),  
(89, 'Manoel Urbano', 1,now(),now()),  
(90, 'Marechal Thaumaturgo', 1,now(),now()),  
(91, 'Plácido de Castro', 1,now(),now()),  
(92, 'Porto Acre', 1,now(),now()),  
(93, 'Porto Walter', 1,now(),now()),  
(94, 'Rio Branco', 1,now(),now()),  
(95, 'Rodrigues Alves', 1,now(),now()),



(96, 'Santa Rosa do Purus', 1,now(),now()),  
(97, 'Sena Madureira', 1,now(),now()),  
(98, 'Senador Guiomard', 1,now(),now()),  
(99, 'Tarauacá', 1,now(),now()),  
(100, 'Xapuri', 1,now(),now()),  
(101, 'Água Branca', 2,now(),now()),  
(102, 'Anadia', 2,now(),now()),  
(103, 'Arapiraca', 2,now(),now()),  
(104, 'Atalaia', 2,now(),now()),  
(105, 'Barra de Santo Antônio', 2,now(),now()),  
(106, 'Barra de São Miguel', 2,now(),now()),  
(107, 'Batalha', 2,now(),now()),  
(108, 'Belém', 2,now(),now()),  
(109, 'Belo Monte', 2,now(),now()),  
(110, 'Boca da Mata', 2,now(),now()),  
(111, 'Branquinha', 2,now(),now()),  
(112, 'Cacimbinhas', 2,now(),now()),  
(113, 'Cajueiro', 2,now(),now()),  
(114, 'Campestre', 2,now(),now()),  
(115, 'Campo Alegre', 2,now(),now()),  
(116, 'Campo Grande', 2,now(),now()),  
(117, 'Canapi', 2,now(),now()),  
(118, 'Capela', 2,now(),now()),  
(119, 'Carneiros', 2,now(),now()),  
(120, 'Chã Preta', 2,now(),now()),  
(121, 'Coité do Nóia', 2,now(),now()),  
(122, 'Colônia Leopoldina', 2,now(),now()),  
(123, 'Coqueiro Seco', 2,now(),now()),  
(124, 'Coruripe', 2,now(),now()),  
(125, 'Craíbas', 2,now(),now()),  
(126, 'Delmiro Gouveia', 2,now(),now()),  
(127, 'Dois Riachos', 2,now(),now()),  
(128, 'Estrela de Alagoas', 2,now(),now()),  
(129, 'Feira Grande', 2,now(),now()),  
(130, 'Feliz Deserto', 2,now(),now()),  
(131, 'Flexeiras', 2,now(),now()),  
(132, 'Girau do Ponciano', 2,now(),now()),  
(133, 'Ibateguara', 2,now(),now()),  
(134, 'Igaci', 2,now(),now()),  
(135, 'Igreja Nova', 2,now(),now()),  
(136, 'Inhapi', 2,now(),now()),  
(137, 'Jacaré dos Homens', 2,now(),now()),  
(138, 'Jacuípe', 2,now(),now()),  
(139, 'Japaratinga', 2,now(),now()),  
(140, 'Jaramataia', 2,now(),now()),  
(141, 'Jequiá da Praia', 2,now(),now()),  
(142, 'Joaquim Gomes', 2,now(),now()),  
(143, 'Jundiá', 2,now(),now()),  
(144, 'Junqueiro', 2,now(),now()),  
(145, 'Lagoa da Canoa', 2,now(),now()),  
(146, 'Limoeiro de Anadia', 2,now(),now()),  
(147, 'Maceió', 2,now(),now()),  
(148, 'Major Isidoro', 2,now(),now()),  
(149, 'Mar Vermelho', 2,now(),now()),  
(150, 'Maragogi', 2,now(),now()),  
(151, 'Maravilha', 2,now(),now()),  
(152, 'Marechal Deodoro', 2,now(),now()),

(153, 'Maribondo', 2,now(),now()),  
(154, 'Mata Grande', 2,now(),now()),  
(155, 'Matriz de Camaragibe', 2,now(),now()),  
(156, 'Messias', 2,now(),now()),  
(157, 'Minador do Negrão', 2,now(),now()),  
(158, 'Monteirópolis', 2,now(),now()),  
(159, 'Murici', 2,now(),now()),  
(160, 'Novo Lino', 2,now(),now()),  
(161, 'Olho d'Água das Flores', 2,now(),now()),  
(162, 'Olho d'Água do Casado', 2,now(),now()),  
(163, 'Olho d'Água Grande', 2,now(),now()),  
(164, 'Olivença', 2,now(),now()),  
(165, 'Ouro Branco', 2,now(),now()),  
(166, 'Palestina', 2,now(),now()),  
(167, 'Palmeira dos Índios', 2,now(),now()),  
(168, 'Pão de Açúcar', 2,now(),now()),  
(169, 'Pariconha', 2,now(),now()),  
(170, 'Paripueira', 2,now(),now()),  
(171, 'Passo de Camaragibe', 2,now(),now()),  
(172, 'Paulo Jacinto', 2,now(),now()),  
(173, 'Penedo', 2,now(),now()),  
(174, 'Piaçabuçu', 2,now(),now()),  
(175, 'Pilar', 2,now(),now()),  
(176, 'Pindoba', 2,now(),now()),  
(177, 'Piranhas', 2,now(),now()),  
(178, 'Poço das Trincheiras', 2,now(),now()),  
(179, 'Porto Calvo', 2,now(),now()),  
(180, 'Porto de Pedras', 2,now(),now()),  
(181, 'Porto Real do Colégio', 2,now(),now()),  
(182, 'Quebrangulo', 2,now(),now()),  
(183, 'Rio Largo', 2,now(),now()),  
(184, 'Roteiro', 2,now(),now()),  
(185, 'Santa Luzia do Norte', 2,now(),now()),  
(186, 'Santana do Ipanema', 2,now(),now()),  
(187, 'Santana do Mundaú', 2,now(),now()),  
(188, 'São Brás', 2,now(),now()),  
(189, 'São José da Laje', 2,now(),now()),  
(190, 'São José da Tapera', 2,now(),now()),  
(191, 'São Luís do Quitunde', 2,now(),now()),  
(192, 'São Miguel dos Campos', 2,now(),now()),  
(193, 'São Miguel dos Milagres', 2,now(),now()),  
(194, 'São Sebastião', 2,now(),now()),  
(195, 'Satuba', 2,now(),now()),  
(196, 'Senador Rui Palmeira', 2,now(),now()),  
(197, 'Tanque d'Arca', 2,now(),now()),  
(198, 'Taquarana', 2,now(),now()),  
(199, 'Teotônio Vilela', 2,now(),now()),  
(200, 'Traipu', 2,now(),now()),  
(201, 'União dos Palmares', 2,now(),now()),  
(202, 'Viçosa', 2,now(),now()),  
(203, 'Amapá', 4,now(),now()),  
(204, 'Calçoene', 4,now(),now()),  
(205, 'Cutias', 4,now(),now()),  
(206, 'Ferreira Gomes', 4,now(),now()),  
(207, 'Itaubal', 4,now(),now()),  
(208, 'Laranjal do Jari', 4,now(),now()),  
(209, 'Macapá', 4,now(),now()),

(210, 'Mazagão', 4,now(),now()),  
(211, 'Oiapoque', 4,now(),now()),  
(212, 'Pedra Branca do Amapari', 4,now(),now()),  
(213, 'Porto Grande', 4,now(),now()),  
(214, 'Pracuúba', 4,now(),now()),  
(215, 'Santana', 4,now(),now()),  
(216, 'Serra do Navio', 4,now(),now()),  
(217, 'Tartarugalzinho', 4,now(),now()),  
(218, 'Vitória do Jari', 4,now(),now()),  
(219, 'Alvarães', 3,now(),now()),  
(220, 'Amaturá', 3,now(),now()),  
(221, 'Anamã', 3,now(),now()),  
(222, 'Anori', 3,now(),now()),  
(223, 'Apuí', 3,now(),now()),  
(224, 'Atalaia do Norte', 3,now(),now()),  
(225, 'Autazes', 3,now(),now()),  
(226, 'Barcelos', 3,now(),now()),  
(227, 'Barreirinha', 3,now(),now()),  
(228, 'Benjamin Constant', 3,now(),now()),  
(229, 'Beruri', 3,now(),now()),  
(230, 'Boa Vista do Ramos', 3,now(),now()),  
(231, 'Boca do Acre', 3,now(),now()),  
(232, 'Borba', 3,now(),now()),  
(233, 'Caapiranga', 3,now(),now()),  
(234, 'Canutama', 3,now(),now()),  
(235, 'Carauari', 3,now(),now()),  
(236, 'Careiro', 3,now(),now()),  
(237, 'Careiro da Várzea', 3,now(),now()),  
(238, 'Coari', 3,now(),now()),  
(239, 'Codajás', 3,now(),now()),  
(240, 'Eirunepé', 3,now(),now()),  
(241, 'Envira', 3,now(),now()),  
(242, 'Fonte Boa', 3,now(),now()),  
(243, 'Guajará', 3,now(),now()),  
(244, 'Humaitá', 3,now(),now()),  
(245, 'Ipixuna', 3,now(),now()),  
(246, 'Iranduba', 3,now(),now()),  
(247, 'Itacoatiara', 3,now(),now()),  
(248, 'Itamarati', 3,now(),now()),  
(249, 'Itapiranga', 3,now(),now()),  
(250, 'Japurá', 3,now(),now()),  
(251, 'Juruá', 3,now(),now()),  
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(5564, 'Xambioá', 27,now(),now());



## routes\web.php

```
<?php

/*
|-----
| One to One
|-----
*/

Route::get('/one-to-one/countries', 'OneToOneController@index')->name('countries');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');

/*
|-----
| One to Many
|-----
*/

Route::get('/one-to-many/states', 'OneToManyController@index');
Route::get('/one-to-many/state/{id}', 'OneToManyController@show');
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city');
Route::get('/one-to-many/states/{string}', 'OneToManyController@states_like');

Route::get('/', function () {
    return view('welcome');
});
```

## app\Http\Controllers\OneToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\State;
use App\Models\City;
use Illuminate\Http\Request;

class OneToManyController extends Controller
{
    public function index(){
        $states = State::all()->sortByDesc("id");
        $total_states = State::all()->count();
        $country = Country::find(31);
        // dd($countries->pluck('id','name'));
        return view('states/index', compact('states', 'total_states', 'country'));
    }
}
```

```

public function show($id){
    // Procurando dados de um Estado pelo seu id

    // $state = State::find($id);
    $state = State::where('id', $id)->get()->first();

    if($state){
        $cities = $state->cities;
        $total_cities = $state->cities->count();
        return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
    } else {
        $city = "<h3>Não existe Estado registrado com este id!</h3>";
        return $city;
    }
}

public function busca_city($name){
    // Procurando dados de um município por seu nome

    $city = City::where('name', $name)->get()->first();

    if($city){
        $state = $city->state;
        $country = $state->country;
        return view('one-to-many/busca_city', compact('city', 'state', 'country'));
    } else {
        $message = "<h3>Não existe município registrado com este nome!</h3>";
        return $message;
    }
}

public function states_like($string){
    $states = State::where('name', 'LIKE', "%$string%")->get();

    $total_states = $states->count();
    return view('states/states_like', compact('states', 'total_states', 'string'));
}
}

```

## Views

**resources\views\states\index.blade.php**

```
@extends('layouts.app')
```

```
@section('title', 'Lista de Estados do Brasil')
```

```
@section('content')
```

```
<div class="row">
```

```
<div class="col-md-3"></div>
```

```
<div class="col-md-6">
```

```
<h3 class="text-center mt-3 titulo">{{$country->name}}</h3>
```

```
<div class="mt-3 mb-2">
```

```
<h5 class="text-right total_registros">Total de Estados: {{$total_states}}</h5>
```

```
</div>
```

```
<div style="clear:both;" class="card mt-3">
```

```
<div class="card-header">
```

```
<h3 class="text-center">Estados (UF)</h3>
```

```
</div>
```

```
<table class="table table-striped">
```

```
<thead>
```

```
<th class="text-center">Id</th>
```

```
<th>Nome do Estado</th>
```

```
<th>Informações</th>
```

```
</thead>
```

```
<tbody>
```

```
@forelse ($states as $state)
```

```
<tr>
```

```
<td class="text-center">{{$state->id}}</td>
```

```
<td>{{$state->name}}</td>
```

```
<td><a href="/one-to-many/state/{{$state->id}}">Municípios</a></td>
```

```
</tr>
```

```
@empty
```

```
<tr>
```

```
<td colspan="3" class="text-center">Não há nenhum país registrado!</td>
```

```
</tr>
```

```
@endforelse
```

```
</tbody>
```

```
</table>
```

```
</div>
```

```
<br>
```

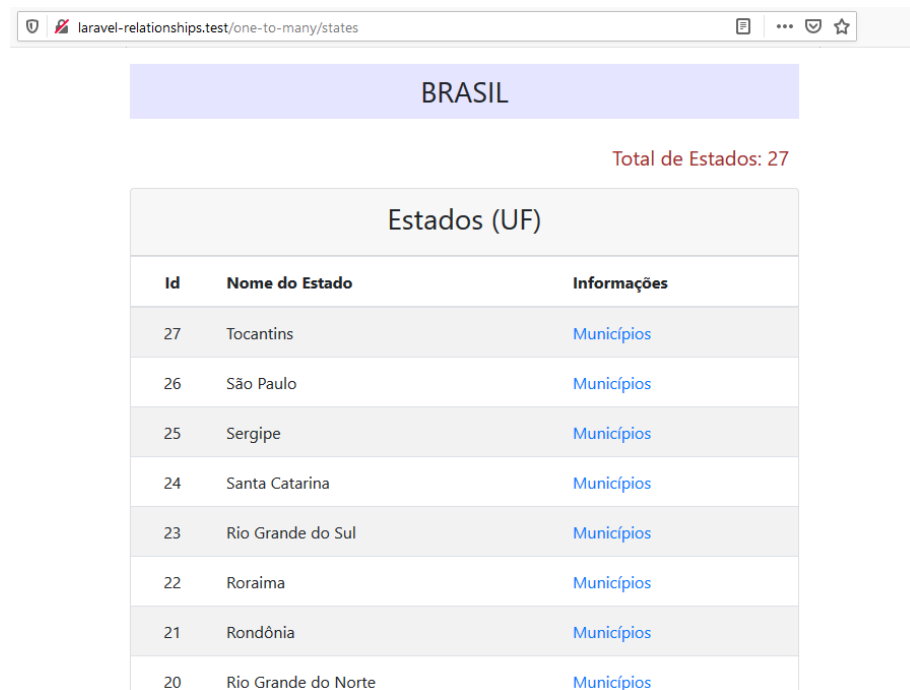
```
</div>
```

```
<div class="col-md-3"></div>
```

```
</div>
```

```
@endsection
```

http://laravel-relationships.test/one-to-many/states



Estados (UF)		
Id	Nome do Estado	Informações
27	Tocantins	<a href="#">Municípios</a>
26	São Paulo	<a href="#">Municípios</a>
25	Sergipe	<a href="#">Municípios</a>
24	Santa Catarina	<a href="#">Municípios</a>
23	Rio Grande do Sul	<a href="#">Municípios</a>
22	Roraima	<a href="#">Municípios</a>
21	Rondônia	<a href="#">Municípios</a>
20	Rio Grande do Norte	<a href="#">Municípios</a>

resources\views\one-to-many\show.blade.php

```
@extends('layouts.app')
```

```
@section('title', 'Listagem de municípios do Estado')
```

```
@section('content')
```

```
<div class="row">
```

```
<div class="col-md-3"></div>
```

```
<div class="col-md-6">
```

```
<h3 class="text-center mt-3 titulo">{{$state->name}} ({{$state->initials}}) </h3>
```

```
<div style="display:block" class="mt-3 mb-3">
```

```
<a href="/one-to-many/states"><button class="btn btn-primary btn-sm mt-1">Voltar</button></a>
```

```
<h5 class="total_registros">Total de municípios: {{$total_cities}}</h5>
```

```
</div>
```

```
<div style="clear:both;" class="card mt-3">
```

```
<div class="card-header">
```

```
<h3 class="text-center">Municípios</h3>
```

```
</div>
```

```
<table class="table table-striped">
```

```
<thead>
```

```
<th class="text-center">Ordem</th>
```

```
<th class="text-center">Id</th>
```

```
<th>Nome do município</th>
```

```
</thead>
```

```

<tbody>

    @forelse ($cities as $index => $city)
        <tr>
            <td class="text-center">{{$index + 1}}</td>
            <td class="text-center">{{$city->id}}</td>
            <td>{{$city->name}}</td>
        </tr>
    @empty
        <tr>
            <td colspan="3" class="text-center">Não há nenhum município registrado!</td>
        </tr>
    @endforelse
</tbody>
</table>
</div>
<br>
</div>
<div class="col-md-3"></div>

</div>

@endsection

```

## Busca de dados de um Estado pelo seu id

http://laravel-relationships.test/one-to-many/state/5

laravel-relationships.test/one-to-many/state/5

BAHIA (BA)

Voltar

Total de municípios: 417

Municípios		
Ordem	Id	Nome do município
1	281	Abaíra
2	282	Abaré
3	283	Acajutiba
4	284	Adustina
5	285	Água Fria
6	286	Aiquara
7	287	Alagoinhas
8	288	Alcobaça

http://laravel-relationships.test/one-to-many/state/24

SANTA CATARINA (SC)

Voltar

Total de municípios: 293

Municípios		
Ordem	Id	Nome do município
1	4413	Abdon Batista
2	4414	Abelardo Luz
3	4415	Agrolândia
4	4416	Agronômica
5	4417	Água Doce
6	4418	Águas de Chapecó
7	4419	Águas Frias
8	4420	Águas Mornas

## Busca de dados pelo nome da cidade

resources\views\one-to-many\busca\_city.blade.php

```
@extends('layouts.app')
```

```
@section('title', 'Dados do Município')
```

```
@section('content')
```

```
<div class="row mt-3">
```

```
    <div class="col-md-3"></div>
```

```
    <div class="col-md-6">
```

```
        <div class="jumbotron">
```

```
            <h1 class="display-5">{{$city->name}}</h1>
```

```
            <p class="lead"></p>
```

```
            <hr class="my-4">
```

```
            <p>País: {{$country->name}}</p>
```

```
            <p>Estado: {{$state->name}}</p>
```

```
            <p>Sigla do Estado: {{$state->initials}}</p>
```

```
            <br>
```

```
            <p class="text-right"><a class="btn btn-primary btn-sm" href="/one-to-many/states"
role="button">Voltar</a></p>
```

```
        </div>
```

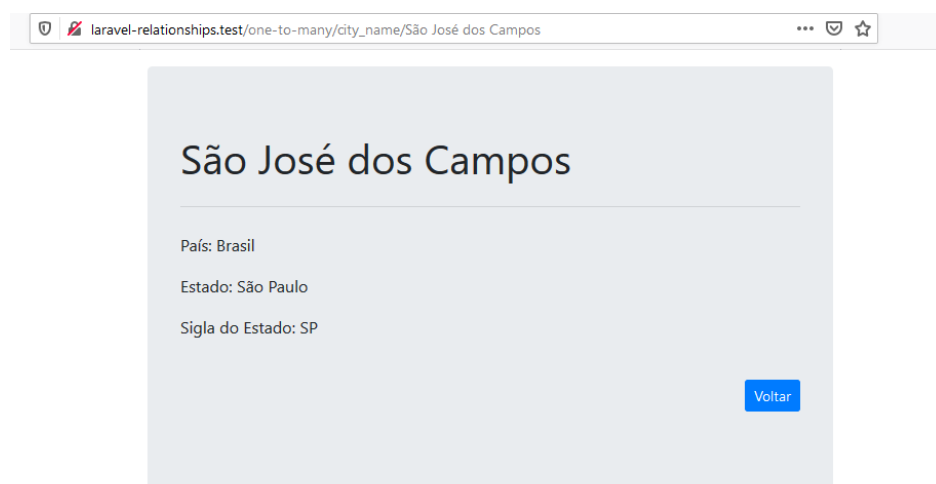
```
    </div>
```

```
    <div class="col-md-3"></div>
```

```
</div>
```

```
@endsection
```

http://laravel-relationships.test/one-to-many/city\_name/São José dos Campos



## Busca de um Estado por uma string

resources\views\states\states\_like.blade.php

```
@extends('layouts.app')
```

```
@section('title', 'Lista de Estados com uma string no nome')
```

```
@section('content')
```

```
<div class="row">
```

```
<div class="col-md-3"></div>
```

```
<div class="col-md-6">
```

```
<h3 class="text-center mt-3 titulo">Estados com string "{{string}}" no nome</h3>
```

```
<div class="mt-3 mb-2">
```

```
<h5 class="text-right total_registros">Total de Estados: {{total_states}}</h5>
```

```
</div>
```

```
<div style="clear:both;" class="card mt-3">
```

```
<div class="card-header">
```

```
<h3 class="text-center">Estados (UF)</h3>
```

```
</div>
```

```
<table class="table table-striped">
```

```
<thead>
```

```
<th class="text-center">Id</th>
```

```
<th>Nome do Estado</th>
```

```
<th>Informações</th>
```

```
</thead>
```

```
<tbody>
```

```
@forelse ($states as $state)
```

```
<tr>
```

```
<td class="text-center">{{ $state->id }}</td>
```

```
<td>{{ $state->name }}</td>
```

```
<td><a href="/one-to-many/state/{{ $state->id }}">Municípios</a></td>
```

```
</tr>
```

```
@empty
```

```
<tr>
```

```
<td colspan="3" class="text-center">Não há nenhum Estado registrado com esta
```

```
string!</td>
```

```
</tr>
```

```
@endforelse
```

```
</tbody>
```

```
</table>
```

```
</div>
```

```
<br>
```

```
</div>
```

```
<div class="col-md-3"></div>
```

```
</div>
```

```
@endsection
```



http://laravel-relationships.test/one-to-many/states/ca



ESTADOS COM STRING "CA" NO NOME

Total de Estados: 2

Estados (UF)		
Id	Nome do Estado	Informações
24	Santa Catarina	<a href="#">Municípios</a>
27	Tocantins	<a href="#">Municípios</a>

## AULA 08 - RELACIONAMENTO MANY TO ONE

### routes\web.php

```
<?php

/*
|-----
| One to One
|-----
*/

Route::get('/one-to-one/countries', 'OneToOneController@index')->name('countries');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');

/*
|-----
| One to Many
|-----
*/

Route::get('/one-to-many/states', 'OneToManyController@index');
Route::get('/one-to-many/state/{id}', 'OneToManyController@show');
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city');
Route::get('/one-to-many/states/{string}', 'OneToManyController@states_like');

Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');

Route::get('/', function () {
    return view('welcome');
});
```

### app\Http\Controllers\OneToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\State;
use App\Models\City;
use Illuminate\Http\Request;

class OneToManyController extends Controller
{

    public function index(){
        $states = State::all()->sortByDesc("id");
        $total_states = State::all()->count();
    }
}
```

```

$country = Country::find(31);
// dd($countries->pluck('id','name'));
return view('states/index', compact('states', 'total_states', 'country'));
}

public function show($id){
    // Procurando dados de um Estado pelo seu id

    // $state = State::find($id);
    $state = State::where('id', $id)->get()->first();

    if($state){
        $cities = $state->cities;
        $total_cities = $state->cities->count();
        return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
    } else {
        $city = "<h3>Não existe Estado registrado com este id!</h3>";
        return $city;
    }
}

public function busca_city($name){
    // Procurando dados de um município por seu nome

    $city = City::where('name', $name)->get()->first();

    if($city){
        $state = $city->state;
        $country = $state->country;
        return view('includes/state', compact('city', 'state', 'country'));
    } else {
        $message = "<h3>Não existe município registrado com este nome!</h3>";
        return $message;
    }
}

public function busca_state($id){
    // Busca o país a que pertence o Estado

    $state = State::where('id', $id)->get()->first();

    // dd($state->name);

    if($state){
        $country = $state->country;
        return view('includes/country', compact('country', 'state'));
    } else {
        $message = "<h3>Não existe Estado registrado com este id!</h3>";
        return $message;
    }
}
}

```

http://laravel-relationships.test//one-to-many-inverse/state/4



# Amapá

País: Brasil

Estado: Amapá

Sigla do Estado: AP

Voltar

# AULA 09 - DICAS VALIOSAS SOBRE RELACIONAMENTOS DE TABELAS

## routes\web.php

```
<?php

/*
|-----
| One to One
|-----
*/

Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');

/*
|-----
| One to Many
|-----
*/

Route::get('/one-to-many/states', 'OneToManyController@index');
Route::get('/one-to-many/state/{id}', 'OneToManyController@show');
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city');
Route::get('/one-to-many/states/{string}', 'OneToManyController@states_like');
Route::get('/one-to-many/cities/{string}', 'OneToManyController@cities_like');

Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');

Route::get('/', function () {
    return view('welcome');
});
```

## app\Http\Controllers\OneToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\State;
use App\Models\City;
use Illuminate\Http\Request;
```

```

class OneToManyController extends Controller
{

    public function index(){
        $states = State::all()->sortByDesc("id");
        $total_states = State::all()->count();
        $country = Country::find(31);
        // dd($countries->pluck('id','name'));
        return view('states/index', compact('states', 'total_states', 'country'));
    }

    public function show($id){
        // Procurando dados de um Estado pelo seu id

        // $state = State::find($id);
        $state = State::where('id', $id)->get()->first();

        if($state){
            $cities = $state->cities;
            $total_cities = $state->cities->count();
            return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
        } else {
            $city = "<h3>Não existe Estado registrado com este id!</h3>";
            return $city;
        }
    }

    public function busca_city($name){
        // Procurando dados de um município por seu nome

        $city = City::where('name', $name)->get()->first();

        if($city){
            $state = $city->state;
            $country = $state->country;
            return view('includes/state', compact('city', 'state', 'country'));
        } else {
            $message = "<h3>Não existe município registrado com este nome!</h3>";
            return $message;
        }
    }

    public function busca_state($id){
        // Busca o país a que pertence o Estado

        $state = State::where('id', $id)->get()->first();

        // dd($state->name);

        if($state){
            $country = $state->country;
            return view('includes/country', compact('country', 'state'));
        } else {
            $message = "<h3>Não existe Estado registrado com este id!</h3>";
            return $message;
        }
    }
}

```

```

public function states_like($string){
    $states = State::where('name', 'LIKE', "%$string%")->get();

    $total_states = $states->count();
    return view('states/states_like', compact('states', 'total_states', 'string'));
}

public function cities_like($string){
    $cities = City::where('name', 'LIKE', "%$string%")->with('state')->get();

    $total_cities = $cities->count();
    return view('cities/cities_like', compact('cities', 'total_cities', 'string'));
}
}

```

## resources\views\cities\cities\_like.blade.php

```

@extends('layouts.app')

@section('title', 'Lista de Cidades com uma string no nome')

@section('content')

<div class="row">

    <div class="col-md-3"></div>
    <div class="col-md-6">

        <h3 class="text-center mt-3 titulo">Cidades com string "{{ $string }}" no nome</h3>

        <div class="mt-3 mb-2">
            <h5 class="text-right total_registros">Total de Cidades: {{ $total_cities }}</h5>
        </div>

        <div style="clear:both;" class="card mt-3">
            <div class="card-header">
                <h3 class="text-center">Cidades</h3>
            </div>
            <table class="table table-striped">
                <thead>
                    <th class="text-center">Id</th>
                    <th>Cidade</th>
                    <th>Estado</th>
                </thead>
                <tbody>
                    @forelse ($cities as $city)
                        <tr>
                            <td class="text-center">{{ $city->id }}</td>
                            <td>{{ $city->name }}</td>
                            <td>{{ $city->state->name }} - {{ $city->state->initials }}</td>
                        </tr>
                    @endforelse
                </tbody>
            </table>
        </div>
    </div>
</div>

```

```
@empty
    <tr>
        <td colspan="3" class="text-center">Não há nenhuma cidade registrada com esta
string!</td>
    </tr>
@endforelse
</tbody>
</table>
</div>
<br>
</div>
<div class="col-md-3"></div>

</div>

@endsection
```

<http://laravel-relationships.test/one-to-many/cities/bru>



## CIDADES COM STRING "BRU" NO NOME

Total de Cidades: 4

Cidades		
Id	Cidade	Estado
336	Brumado	Bahia - BA
1661	Brumadinho	Minas Gerais - MG
4459	Brunópolis	Santa Catarina - SC
4460	Brusque	Santa Catarina - SC



## AULA 11 - ONE TO MANY INSERIR

### routes\web.php

```
<?php

/*
|-----
| One to One
|-----
*/

Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show')->name('countries.show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');

/*
|-----
| One to Many
|-----
*/

Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do
País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado
por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados
por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades
por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');

Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');

Route::get('/', function () {
    return view('welcome');
});
```

### app\Http\Controllers\OneToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\State;
use App\Models\City;
use Illuminate\Http\Request;
```

```

class OneToManyController extends Controller
{

    public function index($id=31){
        // $states = State::all()->sortByDesc("id");

        $states = State::where('country_id', $id)->get();
        $total_states = $states->count();
        $country = Country::find($id);
        // dd($countries->pluck('id','name'));
        return view('states/index', compact('states', 'total_states', 'country'));
    }

    public function new(){
        $dataForm = [
            'name' => 'Alaska',
            'initials' => 'AK',
            'country_id' => 231 # Estados Unidos
        ];

        State::create($dataForm);

        return redirect('/one-to-many/states/231');
    }

    public function show($id){
        // Procurando dados de um Estado pelo seu id

        // $state = State::find($id);
        $state = State::where('id', $id)->get()->first();

        if($state){
            $cities = $state->cities;
            $total_cities = $state->cities->count();
            return view('one-to-many/show', compact('state', 'cities', 'total_cities'));
        } else {
            $city = "<h3>Não existe Estado registrado com este id!</h3>";
            return $city;
        }
    }

    public function busca_city($name){
        // Procurando dados de um município por seu nome

        $city = City::where('name', $name)->get()->first();

        if($city){
            $state = $city->state;
            $country = $state->country;
            return view('includes/state', compact('city', 'state', 'country'));
        } else {
            $message = "<h3>Não existe município registrado com este nome!</h3>";
            return $message;
        }
    }
}

```

```

public function busca_state($id){
    // Busca o país a que pertence o Estado

    $state = State::where('id', $id)->get()->first();

    // dd($state->name);

    if($state){
        $country = $state->country;
        return view('includes/country', compact('country', 'state'));
    } else {
        $message = "<h3>Não existe Estado registrado com este id!</h3>";
        return $message;
    }
}

public function states_like($string){
    $states = State::where('name', 'LIKE', "%$string%")->get();

    $total_states = $states->count();
    return view('states/states_like', compact('states', 'total_states', 'string'));
}

public function cities_like($string){
    $cities = City::where('name', 'LIKE', "%$string%")->with('state')->get();

    $total_cities = $cities->count();
    return view('cities/cities_like', compact('cities', 'total_cities', 'string'));
}
}

```

laravel-relationships.test/one-to-many-insert

laravel-relationships.test/one-to-many/states/231

## ESTADOS UNIDOS

Total de Estados: 1

Estados		
Id	Nome do Estado	Informações
28	Alaska	<a href="#">Cidades</a>

## Populando a tabela states com os demais Estados dos EUA

```
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Alaska',
'AK',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Alabama',
'AL',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Arkansas',
'AR',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Arizona',
'AZ',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'California',
'CA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Colorado',
'CO',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES
(231,'Connecticut', 'CT',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'District of
Columbia', 'DC',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Delaware',
'DE',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES ('231,Florida',
'FL',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Georgia',
'GA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Hawaii',
'HI',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Iowa',
'IA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Idaho',
'ID',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Illinois',
'IL',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Indiana',
'IN',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Kansas',
'KS',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Kentucky',
'KY',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Louisiana',
'LA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES
(231,'Massachusetts', 'MA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Maryland',
'MD',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Maine',
'ME',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Michigan',
'MI',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES
(231,'Minnesota', 'MN',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Missouri',
'MO',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES
(231,'Mississippi', 'MS',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Montana',
'MT',now(),now());
```

```

INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'North
Carolina', 'NC',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'North
Dakota', 'ND',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Nebraska',
'NE',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'New
Hampshire', 'NH',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'New
Jersey', 'NJ',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'New
Mexico', 'NM',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Nevada',
'NV',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'New York',
'NY',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Ohio',
'OH',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Oklahoma',
'OK',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Oregon',
'OR',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES
(231,'Pennsylvania', 'PA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Rhode
Island', 'RI',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'South
Carolina', 'SC',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'South
Dakota', 'SD',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Tennessee',
'TN',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Texas',
'TX',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Utah',
'UT',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Virginia',
'VA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Vermont',
'VT',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES
(231,'Washington', 'WA',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Wisconsin',
'WI',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'West
Virginia', 'WV',now(),now());
INSERT INTO `states`(`country_id`,`name`,`initials`,`created_at`,`updated_at`) VALUES (231,'Wyoming',
'WY',now(),now());

```

http://laravel-relationships.test/one-to-many/states/231

ESTADOS UNIDOS

Total de Estados: 50

Estados		
Id	Nome do Estado	Informações
28	Alaska	<a href="#">Cidades</a>
29	Alabama	<a href="#">Cidades</a>
30	Arkansas	<a href="#">Cidades</a>
31	Arizona	<a href="#">Cidades</a>
32	California	<a href="#">Cidades</a>
33	Colorado	<a href="#">Cidades</a>
34	Connecticut	<a href="#">Cidades</a>
35	District of Columbia	<a href="#">Cidades</a>
36	Delaware	<a href="#">Cidades</a>

...

## Populando o Estado do Alaska com cidades

```
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Adak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Akiachak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Akiak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Akutan', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Alakanuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Aleknagik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Allakaket', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ambler', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Anaktuvuk Pass',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Anchor Point',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Anchorage', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Anderson', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Angoon', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Aniak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Anvik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Arctic Village',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Atka', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Atkasuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Auke Bay', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Barrow', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Beaver', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Bethel', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Bettles Field',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Big Lake', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Brevig Mission',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Buckland', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Cantwell', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Central', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chalkyitsik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Cheforak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chevak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chicken', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chignik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chignik Lagoon',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chignik Lake',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chitina', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Chugiak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Circle', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Clam Gulch',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Clarks Point',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Clear', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Coffman Cove',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Cold Bay', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Cooper Landing',
now(),now());
```

```

INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Copper Center',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Cordova', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Craig', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Crooked Creek',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Deering', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Delta Junction',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Denali National Park',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Dillingham', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Douglas', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Dutch Harbor',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Eagle', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Eagle River',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Eek', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Egegik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Eielson Afb',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ekwok', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Elfin Cove', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Elim', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Elmendorf Afb',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Emmonak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ester', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Fairbanks', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'False Pass', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Fort Greely',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Fort Richardson',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Fort Wainwright',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Fort Yukon',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Gakona', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Galena', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Gambell', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Girdwood', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Glennallen', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Goodnews Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Grayling', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Gustavus', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Haines', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Healy', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Holy Cross', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Homer', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hoonah', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hooper Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hope', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Houston', now(),now());

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INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hughes', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Huslia', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hydaburg', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Hyder', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Iliamna', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Indian', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Juneau', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kake', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kaktovik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kalskag', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kaltag', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Karluk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kasigluk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kasilof', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kenai', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ketchikan', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kiana', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'King Cove', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'King Salmon',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kipnuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kivalina', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Klawock', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kobuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kodiak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kongiganak',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kotlik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kotzebue', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Koyuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Koyukuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kwethluk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Kwigillingok',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Lake Minchumina',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Larsen Bay', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Levelock', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Lower Kalskag',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Manley Hot Springs',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Manokotak',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Marshall', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Mc Grath', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Mekoryuk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Metlakatla', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Meyers Chuck',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Minto', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Moose Pass',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Mountain Village',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Naknek', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Napakiak', now(),now());

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INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nenana', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'New Stuyahok',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nightmute', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nikiski', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nikolai', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nikolski', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ninilchik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Noatak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nome', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nondalton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Noorvik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'North Pole', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Northway', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nuiqsut', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nulato', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nunam Iqua',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Nunapitchuk',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Old Harbor',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ouzinkie', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Palmer', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Pedro Bay', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Pelican', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Perryville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Petersburg',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Pilot Point', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Pilot Station',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Platinum', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Point Baker',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Point Hope',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Point Lay', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Port Alexander',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Port Alsworth',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Port Heiden',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Port Lions', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Prudhoe Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Quinhagak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Rampart', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Red Devil', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ruby', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Russian Mission',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Saint George Island',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Saint Marys',
now(),now());

```

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INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Saint Michael',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Saint Paul Island',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Salcha', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Sand Point', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Savoonga', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Scammon Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Selawik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Seldovia', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Seward', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Shageluk', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Shaktoolik', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Shishmaref',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Shungnak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Sitka', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Skagway', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Skwentna', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Sleetmute', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Soldotna', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'South Naknek',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Stebbins', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Sterling', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Stevens Village',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Sutton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Takotna', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Talkeetna', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tanacross', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tanana', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tatitlek', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Teller', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tenakee Springs',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Thorne Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Togiak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tok', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Toksook Bay',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Trapper Creek',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tuluksak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tuntutuliak',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tununak', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Two Rivers',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Tyonek', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Unalakleet', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Unalaska', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Valdez', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Venetie', now(),now());

```

```

INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wainwright',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wales', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Ward Cove',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wasilla', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'White Mountain',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Whittier', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Willow', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Wrangell', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (28,'Yakutat', now(),now());

```

## Populando o Estado do Alabama com cidades

```

INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Abbeville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Abernant', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Adamsville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Addison', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Adger', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Akron', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alabaster', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alberta', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Albertville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alexander City',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alexandria', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Aliceville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Allgood', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alma', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alpine', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Alton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Altoona', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Andalusia', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Anderson', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Annemanie',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Anniston', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Arab', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ardmore', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ariton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Arley', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Arlington', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ashford', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ashland', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ashville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Athens', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Atmore', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Attalla', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Auburn', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Auburn University',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Autaugaville',
now(),now());

```

[illegible]

[illegible]

[illegible]

[illegible]



[illegible]

[illegible]

```

INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Lisman', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Little River', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Livingston', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Loachapoka',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Lockhart', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Locust Fork',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Logan', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Louisville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Lower Peach Tree',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Lowndesboro',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Loxley', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Luverne', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Lynn', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Madison', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Magnolia', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Magnolia Springs',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Malcolm', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Malvern', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Maplesville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Marbury', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Margaret', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Marion', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Marion Junction',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mathews', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Maylene', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mc Calla', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mc Intosh', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mc Kenzie', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mc Shan', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mc Williams',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Megargel', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Melvin', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mentone', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Meridianville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mexia', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Midland City',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Midway', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Millbrook', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Millerville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Millport', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Millry', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Minter', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mobile', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Monroeville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Montevallo',
now(),now());

```

```

INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Montgomery',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Montrose', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Moody', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mooresville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Morris', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Morvin', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Moulton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Moundville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mount Hope',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mount Meigs',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mount Olive',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mount Vernon',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Mulga', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Munford', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Muscadine',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Muscle Shoals',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Myrtlewood',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Nanafalia', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Natural Bridge',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Nauvoo', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Needham', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'New Brockton',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'New Castle',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'New Hope', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'New Market',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Newbern', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Newton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Newville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Normal', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Northport', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Notasulga', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Oak Hill', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Oakman', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Odenville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ohatchee', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Oneonta', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Opelika', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Opp', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Orange Beach',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Orrville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Owens Cross Roads',
now(),now());

```

[illegible]

[illegible]

[illegible]

```

INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Vina', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Vincent', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Vinegar Bend',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Vinemont', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Vredenburg',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wadley', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wagarville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Walnut Grove',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Ward', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Warrior', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Waterloo', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Watson', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wattsville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Waverly', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Weaver', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Webb', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wedowee', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wellington',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Weogufka', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'West Blocton',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'West Greene',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Westover', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wetumpka',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Whatley', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wilmer', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wilsonville',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wilton', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Winfield', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Wing', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Woodland', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Woodstock',
now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'Woodville', now(),now());
INSERT INTO `cities`(`state_id`,`name`,`created_at`,`updated_at`) VALUES (29,'York', now(),now());

```



ALASKA (AK)

Voltar

Total de cidades: 229

Cidades		
Ordem	Id	Nome da Cidade
1	5564	Adak
2	5565	Akiachak
3	5566	Akiak
4	5567	Akutan
5	5568	Alakanuk
6	5569	Aleknagik
7	5570	Allakaket
8	5571	Ambler
9	5572	Anaktuvuk Pass

.  
.  
.

ALABAMA (AL)

Voltar

Total de cidades: 579

Cidades		
Ordem	Id	Nome da Cidade
1	5793	Abbeville
2	5794	Abernant
3	5795	Adamsville
4	5796	Addison
5	5797	Adger
6	5798	Akron
7	5799	Alabaster
8	5800	Alberta
9	5801	Albertville

...

## AULA 12 - RELACIONAMENTO HAS MANY THROUGH

Será usado para criar relacionamentos entre países e cidades.

### Criando o controller OneToManyThroughController

```
php artisan make:controller OneToManyThroughController
```

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller OneToManyThroughController
Controller created successfully.
```

### Configurando o relacionamento na model Country

app\Models\Country.php

```
<?php
```

```
namespace App\Models;
```

```
use Illuminate\Database\Eloquent\Model;
```

```
class Country extends Model
```

```
{
```

```
    protected $fillable = ['name'];
```

```
    public function location(){
```

```
        return $this->hasOne(Location::class);
```

```
    }
```

```
    public function states(){
```

```
        return $this->hasMany(State::class);
```

```
    }
```

```
    public function cities(){
```

```
        return $this->hasManyThrough(City::class, State::class);
```

```
    }
```

```
}
```

## Rotas

### routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');

Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

```
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas cidades de um país
```

## Controller

**app\Http\Controllers\OneToManyThroughController.php**

```
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class OneToManyThroughController extends Controller
{
    public function index($id=31){
        $country = Country::find($id);
        $cities = $country->cities;
        $total_cities = $country->cities->count();

        return view('cities/cities_country', compact('country', 'cities', 'total_cities'));
    }
}
```

## View

**resources\views\cities\cities\_country.blade.php**

```
@extends('layouts.app')

@section('title', 'Cidades de um país')

@section('content')

    <div class="row">

        <div class="col-md-3"></div>
        <div class="col-md-6">

            <h3 class="text-center mt-3 titulo">Cidades do País - {{$country->name}}</h3>

            <div class="mt-3 mb-2">
                <h5 class="text-right total_registros">Total de Cidades: {{$total_cities}}</h5>
            </div>

            <div style="clear:both;" class="card mt-3">
                <div class="card-header">
                    <h3 class="text-center">Cidades</h3>
                </div>
                <table class="table table-striped">
                    <thead>
                        <th class="text-center">Id</th>
                        <th>Cidade</th>
                    </thead>
                </table>
            </div>
        </div>
    </div>
```

```

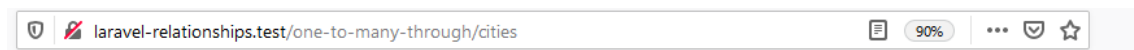
        <th>Estado</th>
    </thead>
    <tbody>
        @forelse ($cities as $city)
            <tr>
                <td class="text-center">{{ $city->id }}</td>
                <td>{{ $city->name }}</td>
                <td>{{ $city->state->name }} - {{ $city->state->initials }}</td>
            </tr>
        @empty
            <tr>
                <td colspan="3" class="text-center">Não há nenhuma cidade registrada neste
País!</td>
            </tr>
        @endforelse
    </tbody>
</table>
</div>
<br>
</div>
<div class="col-md-3"></div>

</div>

@endsection

```

<http://laravel-relationships.test/one-to-many-through/cities/31>



## CIDADES DO PAÍS - BRASIL

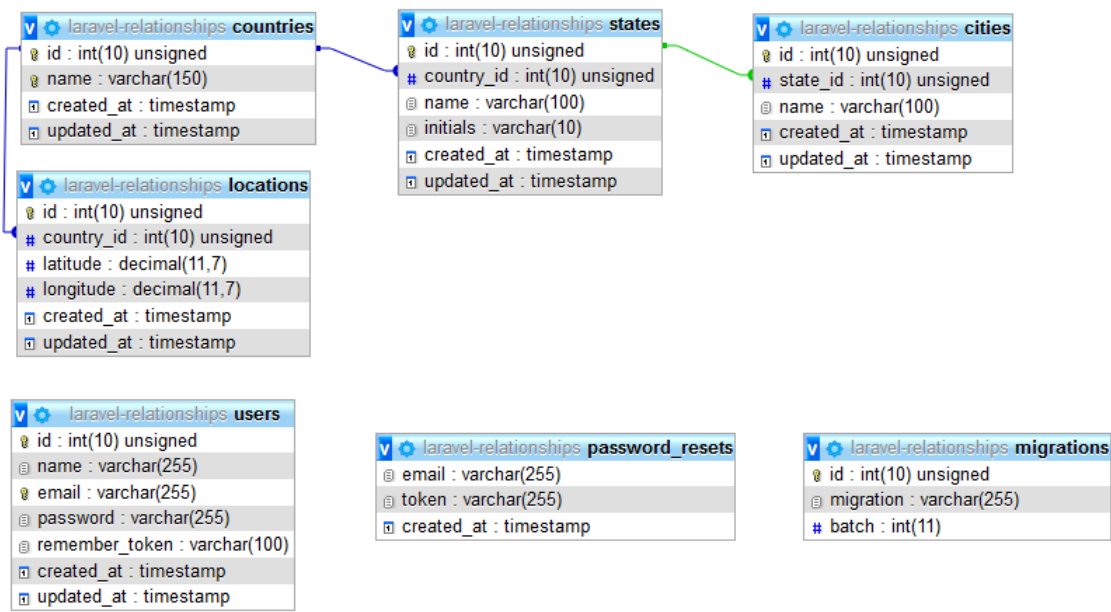
Total de Cidades: 5563

Cidades		
Id	Cidade	Estado
79	Acrelândia	Acre - AC
80	Assis Brasil	Acre - AC
81	Brasiléia	Acre - AC
82	Bujari	Acre - AC
83	Capixaba	Acre - AC
84	Cruzeiro do Sul	Acre - AC
85	Epitaciolândia	Acre - AC
86	Feijó	Acre - AC
87	Jordão	Acre - AC

CIDADES DO PAÍS - ESTADOS UNIDOS

Total de Cidades: 808

Cidades		
Id	Cidade	Estado
5564	Adak	Alaska - AK
5565	Akiachak	Alaska - AK
5566	Akiak	Alaska - AK
5567	Akutan	Alaska - AK
5568	Alakanuk	Alaska - AK
5569	Aleknagik	Alaska - AK
5570	Allakaket	Alaska - AK
5571	Ambler	Alaska - AK
5572	Anaktuvuk Pass	Alaska - AK



## AULA 13 - CRIAR TABELAS MANY TO MANY

Relacionamentos entre empresas e cidades (Uma empresa pode existir em várias cidades e uma cidade pode ter várias empresas).

### Criando a model Company com a migration

`php artisan make:model Models\Company -m`

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\Company -m
Model created successfully.
Created Migration: 2020_09_14_200354_create_companies_table
```

### Criando a migration para a tabela pivot

`php artisan make:migration create_city_companies_table`

#### Migrations

`database\migrations\2020_09_14_200354_create_companies_table.php`

`<?php`

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
```

```
class CreateCompaniesTable extends Migration
{
    public function up()
    {
        Schema::create('companies', function (Blueprint $table) {
            $table->increments('id');
            $table->string('name', 200);
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('companies');
    }
}
```



database\migrations\2020\_09\_14\_200817\_create\_city\_companies\_table.php

```
<?php
```

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
```

```
class CreateCityCompaniesTable extends Migration
```

```
{
```

```
    public function up()
```

```
    {
```

```
        Schema::create('city_companies', function (Blueprint $table) {
```

```
            $table->increments('id');
```

```
            $table->integer('city_id')->unsigned();
```

```
            $table->integer('company_id')->unsigned();
```

```
            $table->foreign('city_id')->references('id')->on('cities')->onDelete('cascade');
```

```
            $table->foreign('company_id')->references('id')->on('companies')->onDelete('cascade');
```

```
        });
```

```
    }
```

```
    public function down()
```

```
    {
```

```
        Schema::dropIfExists('city_companies');
```

```
    }
```

```
}
```

## Criando as tabelas

php artisan migrate

## Populando as tabelas

### Tabela companies

```
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Casas Bahia', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Carrefour', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Magazine Luiza ', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Lojas Americanas',
now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Lojas Marisa', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Motorola', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('3M', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Pirelli', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Ambev', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Raia Drogasil', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Philco', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Philips', now(),now());
INSERT INTO `companies`(`name`,`created_at`,`updated_at`) VALUES ('Sky', now(),now());
```

### Tabela company\_cities

```
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,1);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (3315,1);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,2);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (1630,2);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,3);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (2878,3);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,4);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (4500,4);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,5);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5252,5);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,6);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (4174,6);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,7);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (3658,7);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,8);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5242,8);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,9);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (756,9);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,10);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (78,10);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,11);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (256,11);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,12);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (4814,12);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (5270,13);
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (1314,13);
```

# AULA 14 - RELACIONAMENTO MANY TO MANY

## Criando o controller ManyToManyController

php artisan make:controller ManyToManyController

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller ManyToManyController
Controller created successfully.
```

### Rotas

routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');

Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas cidades de um país

```
/*
|-----
| Many to Many
|-----
*/
```

Route::get('/many-to-many/cities/{id?}', 'ManyToManyController@index'); # empresas existentes na cidade

### **app\Models\City.php**

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class City extends Model
{
    protected $fillable = ['state_id', 'name'];

    public function state(){
        return $this->belongsTo(State::class);
    }

    public function companies(){
        return $this->belongsToMany(Company::class, 'city_companies');
    }
}
```

## Controller

### app\Http\Controllers\ManyToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\City;
use Illuminate\Http\Request;

class ManyToManyController extends Controller
{
    public function index($name="São Paulo"){
        $city = City::where('name', $name)->get()->first();
        $companies = $city->companies;
        $total_companies = $companies->count();
        return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
    }
}
```

## View

### resources\views\cities\city\_companies.blade.php

```
@extends('layouts.app')

@section('title', 'Empresas na cidade')

@section('content')

    <div class="row">

        <div class="col-md-3"></div>
        <div class="col-md-6">

            <h3 class="text-center mt-3 titulo">{{ $city->name }}</h3>

            <div class="mt-3 mb-2">
                <h5 class="text-right total_registros">Total de empresas: {{ $total_companies }}</h5>
            </div>

            <div style="clear:both;" class="card mt-3">
                <div class="card-header">
                    <h3 class="text-center">Empresas</h3>
                </div>
                <table class="table table-striped">
                    <thead>
                        <th class="text-center">Id</th>
                        <th>Empresa</th>
                    </thead>


```

```

<tbody>
  @forelse ($companies as $company)
    <tr>
      <td class="text-center">{{$company->id}}</td>
      <td>{{$company->name}}</td>
    </tr>
  @empty
    <tr>
      <td colspan="3" class="text-center">Não há nenhuma empresa registrada nesta
Cidade!</td>
    </tr>
  @endforelse
</tbody>
</table>
</div>
<br>
</div>
<div class="col-md-3"></div>

</div>

@endsection

```

<http://laravel-relationships.test/many-to-many/cities/São Paulo>



## SÃO PAULO

Total de empresas: 13

Empresas	
Id	Empresa
1	Casas Bahia
2	Carrefour
3	Magazine Luiza
4	Lojas Americanas
5	Lojas Marisa
6	Motorola
7	3M
8	Pirelli
9	Ambev

•  
•  
•

http://laravel-relationships.test/many-to-many/cities/Recife

  laravel-relationships.test/many-to-many/cities/Recife

90%

RECIFE

Total de empresas: 1

Empresas	
Id	Empresa
1	Casas Bahia

# AULA 15 - RELACIONAMENTO MANY TO MANY INVERSO

## Rotas

### routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do
País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado
por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados
por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades
por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');
```

```
Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

```
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas
cidades de um país
```

```
/*
|-----
| Many to Many
|-----
```



\*/

```
Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na cidade
Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca_company');
# cidades onde existe a empresa
```

## Model

### app\Models\Company.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Company extends Model
{
    protected $fillable = ['name'];

    public function cities(){
        return $this->belongsToMany(City::class, 'city_companies');
    }
}
```

## Controller

### app\Http\Controllers\ManyToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\City;
use App\Models\Company;
use Illuminate\Http\Request;

class ManyToManyController extends Controller
{
    public function index($name="São Paulo"){
        $city = City::where('name', $name)->get()->first();
        $companies = $city->companies;
        $total_companies = $companies->count();
        return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
    }
}
```

```

public function busca_company($name="3M"){
    $company = Company::where('name', $name)->get()->first();
    $cities = $company->cities;
    $total_cities = $cities->count();
    return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
}
}

```

## View

### resources\views\companies\company\_cities.blade.php

```

@extends('layouts.app')

@section('title', 'Cidades em que a empresa existe')

@section('content')

    <div class="row">

        <div class="col-md-3"></div>
        <div class="col-md-6">

            <h3 class="text-center mt-3 titulo">{{ $company->name }}</h3>

            <div class="mt-3 mb-2">
                <h5 class="text-right total_registros">Total de cidades: {{ $total_cities }}</h5>
            </div>

            <div style="clear:both;" class="card mt-3">
                <div class="card-header">
                    <h3 class="text-center">Cidades</h3>
                </div>
                <table class="table table-striped">
                    <thead>
                        <th class="text-center">Id</th>
                        <th>Cidade</th>
                    </thead>
                    <tbody>
                        @forelse ($cities as $city)
                            <tr>
                                <td class="text-center">{{ $city->id }}</td>
                                <td>{{ $city->name }}</td>
                            </tr>
                        @empty
                            <tr>
                                <td colspan="3" class="text-center">Não há nenhuma cidade em que a empresa está
registrada!</td>
                            </tr>
                        @endforelse
                    </tbody>
                </table>
            </div>
        </div>
    </div>

```

```
        </table>
    </div>
    <br>
</div>
<div class="col-md-3"></div>

</div>

@endsection
```

**Inserindo uma nova cidade na qual existe a empresa Philco**

```
INSERT INTO `city_companies`(`city_id`,`company_id`) VALUES (6288,11);
```

laravel-relationships.test/many-to-many-inverse/companies/Philco

90%

PHILCO

Total de cidades: 3

Cidades			
Id	Cidade	Estado	País
5270	São Paulo	São Paulo - SP	Brasil
256	Manaus	Amazonas - AM	Brasil
6288	Spring Garden	Alabama - AL	Estados Unidos

# AULA 16 - MANY TO MANY INSERT

## Rotas

### routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do
País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado
por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados
por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades
por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');
```

```
Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

```
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas
cidades de um país
```

```
/*
|-----
| Many to Many
|-----
*/
```

```
Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na cidade
Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca_company');
# cidades onde existe a empresa
Route::get('/many-to-many-insert', 'ManyToManyController@new'); # Insere cidade(s) em uma empresa
Route::get('/many-to-many-delete', 'ManyToManyController@delete'); # Exclui cidade(s) em uma empresa
```

## Inserindo cidade(s) em uma empresa

### app\Http\Controllers\ManyToManyController.php

```
<?php

namespace App\Http\Controllers;

use App\Models\City;
use App\Models\Company;
use Illuminate\Http\Request;

class ManyToManyController extends Controller
{
    public function index($name="São Paulo"){
        $city = City::where('name', $name)->get()->first();
        $companies = $city->companies;
        $total_companies = $companies->count();
        return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
    }

    public function busca_company($name="3M"){
        $company = Company::where('name', $name)->get()->first();
        $cities = $company->cities;
        $total_cities = $cities->count();
        return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
    }

    // Cadastra a empresa Carrefour nas cidades especificadas
    public function new(){
        $dataForm = [5270,1630,3645,2976,977]; // Cidades a serem cadastradas (Petrópolis, Londrina, Goiânia)
        $company = Company::find(2); // Carrefour

        // $cities = $company->cities()->attach($dataForm);
        $cities = $company->cities()->sync($dataForm);
    }
}
```

```

        $cities = $company->cities;
        $total_cities = $cities->count();
        return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
    }
}

```

### Observações:

- O método attach() insere os registros especificados no array toda vez que a página for recarregada.
- O método sync() insere os registros especificados no array apenas uma vez, não interessando quantas vezes a página for recarregada.
- Qualquer um dos dois métodos acima ao ser executado exclui todos os municípios que já estão cadastrados e inserem os que forem passados como parâmetros.

### Antes

CARREFOUR			
Total de cidades: 2			
Cidades			
Id	Cidade	Estado	País
5270	São Paulo	São Paulo - SP	Brasil
1630	Belo Horizonte	Minas Gerais - MG	Brasil

### Depois

<http://laravel-relationships.test/many-to-many-insert>

CARREFOUR			
Total de cidades: 5			
Cidades			
Id	Cidade	Estado	País
5270	São Paulo	São Paulo - SP	Brasil
1630	Belo Horizonte	Minas Gerais - MG	Brasil
3645	Petrópolis	Rio de Janeiro - RJ	Brasil
2976	Londrina	Paraná - PR	Brasil
977	Goiânia	Goiás - GO	Brasil

## Excluindo cidade(s) cadastradas na lista da empresa

### app\Http\Controllers\ManyToManyController.php

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use App\Models\City;
```

```
use App\Models\Company;
```

```
use Illuminate\Http\Request;
```

```
class ManyToManyController extends Controller
```

```
{
```

```
    public function index($name="São Paulo"){
```

```
        $city = City::where('name', $name)->get()->first();
```

```
        $companies = $city->companies;
```

```
        $total_companies = $companies->count();
```

```
        return view('cities/city_companies', compact('companies', 'total_companies', 'city'));
```

```
    }
```

```
    public function busca_company($name="3M"){
```

```
        $company = Company::where('name', $name)->get()->first();
```

```
        $cities = $company->cities;
```

```
        $total_cities = $cities->count();
```

```
        return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
```

```
    }
```

```
    // Cadastra a empresa Carrefour em algumas cidades
```

```
    public function new(){
```

```
        $dataForm = [5270,1630,3645,2976,977]; // Cidades a serem inseridas (Petrópolis, Londrina, Goiânia)
```

```
        $company = Company::find(2); // Carrefour
```

```
        // $cities = $company->cities()->attach($dataForm);
```

```
        $cities = $company->cities()->sync($dataForm);
```

```
        $cities = $company->cities;
```

```
        $total_cities = $cities->count();
```

```
        return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
```

```
    }
```

```
    public function delete(){
```

```
        $dataForm2 = [3645,2976,977]; // Cidades a serem excluídas (Petrópolis, Londrina, Goiânia)
```

```
        $company = Company::find(2); // Carrefour
```

```
        $cities = $company->cities()->detach($dataForm2);
```

```
        $cities = $company->cities;
```

```
        $total_cities = $cities->count();
```

```
        return view('companies/company_cities', compact('cities', 'total_cities', 'company'));
```

```
    }
```

```
}
```

http://laravel-relationships.test/many-to-many-delete

laravel-relationships.test/many-to-many-delete

90%

...

☆

CARREFOUR

Total de cidades: 2

Cidades			
Id	Cidade	Estado	País
5270	São Paulo	São Paulo - SP	Brasil
1630	Belo Horizonte	Minas Gerais - MG	Brasil

Voltando a cadastrar as três cidades anteriormente excluídas

http://laravel-relationships.test/many-to-many-insert

laravel-relationships.test/many-to-many-insert

90%

...

☆

CARREFOUR

Total de cidades: 5

Cidades			
Id	Cidade	Estado	País
5270	São Paulo	São Paulo - SP	Brasil
1630	Belo Horizonte	Minas Gerais - MG	Brasil
3645	Petrópolis	Rio de Janeiro - RJ	Brasil
2976	Londrina	Paraná - PR	Brasil
977	Goiânia	Goiás - GO	Brasil



## AULA 17 - RELACIONAMENTO POLYMORPHIC

Permite, por exemplo, criar uma única tabela de comentários para países, estados e cidades.

### Criando o controller PolymorphicController

```
php artisan make:controller PolymorphicController
```

```
C:\laragon\www\laravel-relationships
λ php artisan make:controller PolymorphicController
Controller created successfully.
```

### Criando a model e a migration de Comentários

```
php artisan make:model Models\Comment -m
```

```
C:\laragon\www\laravel-relationships
λ php artisan make:model Models\Comment -m
Model created successfully.
Created Migration: 2020_09_16_011407_create_comments_table
```

### Migration

database\migrations\2020\_09\_16\_011407\_create\_comments\_table.php

```
<?php
```

```
use Illuminate\Support\Facades\Schema;
use Illuminate\Database\Schema\Blueprint;
use Illuminate\Database\Migrations\Migration;
```

```
class CreateCommentsTable extends Migration
{
    public function up()
    {
        Schema::create('comments', function (Blueprint $table) {
            $table->increments('id');
            $table->text('description');
            $table->morphs('commentable');
            $table->timestamps();
        });
    }

    public function down()
    {
        Schema::dropIfExists('comments');
    }
}
```

## Criando a tabela

php artisan migrate

```
C:\laragon\www\laravel-relationships
λ php artisan migrate
Migrating: 2020_09_16_011407_create_comments_table
Migrated: 2020_09_16_011407_create_comments_table
```

Server: localhost:3306 » Database: laravel-relationships » Table: comments									
Browse Structure SQL Search Insert Export Import Privileges Operations Triggers									
Table structure Relation view									
#	Name	Type	Collation	Attributes	Null	Default	Comments	Extra	Action
<input type="checkbox"/> 1	id	int(10)		UNSIGNED	No	None		AUTO_INCREMENT	<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 2	description	text	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 3	commentable_type	varchar(255)	utf8mb4_unicode_ci		No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 4	commentable_id	bigint(20)		UNSIGNED	No	None			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 5	created_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<input type="checkbox"/> 6	updated_at	timestamp			Yes	NULL			<a href="#">Change</a> <a href="#">Drop</a> <a href="#">More</a>
<a href="#">Check all</a> <a href="#">With selected:</a> <a href="#">Browse</a> <a href="#">Change</a> <a href="#">Drop</a> <a href="#">Primary</a> <a href="#">Unique</a> <a href="#">Index</a> <a href="#">Fulltext</a>									

## Rotas

routes/web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');
```

```
Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome
```

```
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados
por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades
por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');
```

```
Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

```
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas
cidades de um país
```

```
/*
|-----
| Many to Many
|-----
*/
```

```
Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na
cidade
Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca_company');
# cidades onde existe a empresa
Route::get('/many-to-many-insert', 'ManyToManyController@new'); # Insere cidade(s) em uma
empresa
Route::get('/many-to-many-delete', 'ManyToManyController@delete'); # Exclui cidade(s) em uma
empresa
```

```
/*
|-----
| Polymorphic
|-----
*/
```

```
Route::get('/polymorphics', 'PolymorphicController@index');
```

## Controller

**app\Http\Controllers\PolymorphicController.php**

```
<?php
```

```
namespace App\Http\Controllers;
```

```
use App\Models\Country;
use App\Models\State;
use App\Models\City;
use App\Models\Comment;
use Illuminate\Http\Request;
```

```
class PolymorphicController extends Controller
{
    public function index(){

    }
}
```

## Model

**app\Models\Comment.php**

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Comment extends Model
{
    public function Commentable(){
        return $this->morphTo();
    }
}
```

# AULA 18 - POLYMORPHIC INSERT

## Rotas

### routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');
```

```
Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

```
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas cidades de um país
```

```
/*
|-----
| Many to Many
|-----
*/
```

```
Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na cidade
Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca_company');
# cidades onde existe a empresa
Route::get('/many-to-many-insert', 'ManyToManyController@new'); # Insere cidade(s) em uma empresa
Route::get('/many-to-many-delete', 'ManyToManyController@delete'); # Exclui cidade(s) em uma empresa
```

```
/*
|-----
| Polymorphic
|-----
*/
```

```
Route::get('/polymorphics', 'PolymorphicController@index');
Route::get('/polymorphics-insert-city', 'PolymorphicController@comment_city');
Route::get('/polymorphics-insert-state', 'PolymorphicController@comment_state');
Route::get('/polymorphics-insert-country', 'PolymorphicController@comment_country');
```

## Models

### app\Models\City.php

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class City extends Model
{
    protected $fillable = ['state_id', 'name'];

    public function state(){
        return $this->belongsTo(State::class);
    }

    public function companies(){
        return $this->belongsToMany(Company::class, 'city_companies');
    }

    public function comments(){
        return $this->morphMany(Comment::class, 'commentable');
    }
}
```

## **app\Models\State.php**

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class State extends Model
{
    protected $fillable = ['country_id', 'name', 'initials'];

    public function cities(){
        return $this->hasMany(City::class);
    }

    public function country(){
        return $this->belongsTo(Country::class);
    }

    public function comments(){
        return $this->morphMany(Comment::class, 'commentable');
    }
}
```

## **app\Models\Country.php**

```
<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Country extends Model
{
    protected $fillable = ['name'];

    public function location(){
        return $this->hasOne(Location::class);
    }

    public function states(){
        return $this->hasMany(State::class);
    }

    public function cities(){
        return $this->hasManyThrough(City::class, State::class);
    }
}
```

```

        public function comments(){
            return $this->morphMany(Comment::class, 'commentable');
        }
    }
}

```

## app\Models\Comment.php

```

<?php

namespace App\Models;

use Illuminate\Database\Eloquent\Model;

class Comment extends Model
{
    protected $fillable = ['description'];

    public function Commentable(){
        return $this->morphTo();
    }
}

```

## Controller

### app\Http\Controllers\PolymorphicController.php

```

<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\State;
use App\Models\City;
use App\Models\Comment;
use Illuminate\Http\Request;

class PolymorphicController extends Controller
{
    public function index(){
        $comments = Comment::all();
        $total_comments = $comments->count();
        return view('comments/index', compact('comments', 'total_comments'));
    }

    public function comment_city(){
        $city = City::where('name','Rio de Janeiro')->get()->first();

        $comment = $city->comments()->create([
            'description' => "{$city->name}: Cidade maravilhosa!",
        ]);
    }
}

```



```

    return view('comments/city', compact('city', 'comment'));
}

public function comment_state(){
    $state = State::where('name','São Paulo')->get()->first();

    $comment = $state->comments()->create([
        'description' => "{$state->name}: A locomotiva do País!",
    ]);

    return view('comments/state', compact('state', 'comment'));
}

public function comment_country(){
    $country = Country::where('name','Brasil')->get()->first();

    $comment = $country->comments()->create([
        'description' => "{$country->name}: Ame ou deixe-o!",
    ]);

    return view('comments/country', compact('country', 'comment'));
}
}

```

<http://laravel-relationships.test/polymorphics-insert-city>

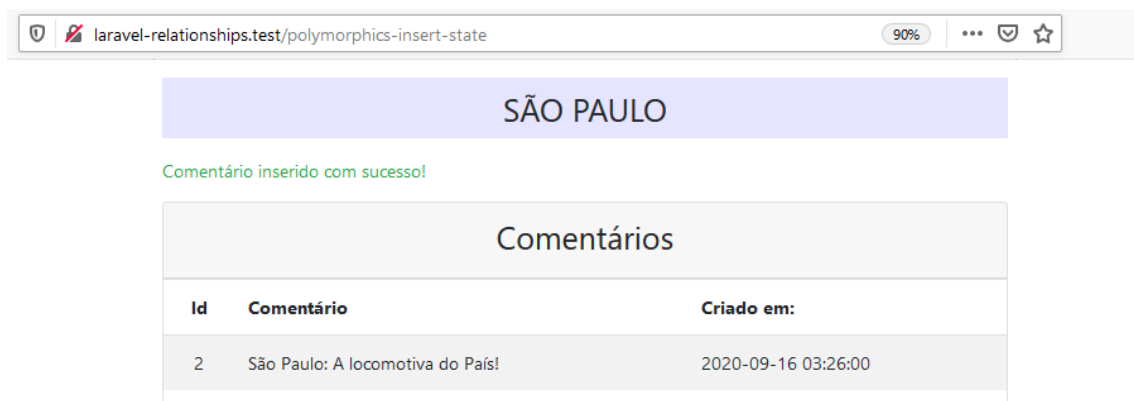


RIO DE JANEIRO

Comentário inserido com sucesso!

Comentário		
Id	Comentário	Criado em:
1	Rio de Janeiro: Cidade maravilhosa!	2020-09-16 03:23:11

<http://laravel-relationships.test/polymorphics-insert-state>



SÃO PAULO

Comentário inserido com sucesso!

Comentários		
Id	Comentário	Criado em:
2	São Paulo: A locomotiva do País!	2020-09-16 03:26:00

http://laravel-relationships.test/polymorphics-insert-country

  laravel-relationships.test/polymorphics-insert-country 90% ...  

BRASIL

Comentário inserido com sucesso!

Comentários		
Id	Comentário	Criado em:
3	Brasil: Ame ou deixe-o!	2020-09-16 03:27:37

http://laravel-relationships.test/polymorphics

  laravel-relationships.test/polymorphics 90% ...  

LISTA GERAL DE COMENTÁRIOS

Total de Comentários: 3

Comentários		
Id	Comentário	Criado em:
1	Rio de Janeiro: Cidade maravilhosa!	2020-09-16 03:25:50
2	São Paulo: A locomotiva do País!	2020-09-16 03:26:00
3	Brasil: Ame ou deixe-o!	2020-09-16 03:27:37

# AULA 19 - POLYMORPHIC LISTAR

## Rotas

### routes\web.php

```
<?php
```

```
/*
|-----
| One to One
|-----
*/
```

```
Route::get('/one-to-one/countries', 'OneToOneController@index');
Route::get('/one-to-one/country/{id}', 'OneToOneController@show');
Route::get('/one-to-one-insert', 'OneToOneController@new');
Route::get('/one-to-one/country_name/{name}', 'OneToOneController@busca_country');

Route::get('/one-to-one-inverse/latitude/{latitude}', 'OneToOneController@busca_latitude');
Route::get('/one-to-one-inverse/longitude/{longitude}', 'OneToOneController@busca_longitude');
```

```
/*
|-----
| One to Many
|-----
*/
```

```
Route::get('/one-to-many/states/{id?}', 'OneToManyController@index'); # busca de Estados pelo id do
País
Route::get('/one-to-many/state/{id}', 'OneToManyController@show'); # busca de Estado por id
Route::get('/one-to-many/city_name/{name}', 'OneToManyController@busca_city'); # busca de Estado
por nome
Route::get('/one-to-many/states/str/{string}', 'OneToManyController@states_like'); # busca de estados
por uma string
Route::get('/one-to-many/cities/str/{string}', 'OneToManyController@cities_like'); # busca de cidades
por uma string
Route::get('/one-to-many-insert', 'OneToManyController@new');
```

```
Route::get('/one-to-many-inverse/state/{id}', 'OneToManyController@busca_state');
```

```
/*
|-----
| One to Many Through
|-----
*/
```

```
Route::get('/one-to-many-through/cities/{id?}', 'OneToManyThroughController@index'); # todas
cidades de um país
```

```

/*
|-----
| Many to Many
|-----
*/

```

```

Route::get('/many-to-many/cities/{name?}', 'ManyToManyController@index'); # empresas existentes na cidade
Route::get('/many-to-many-inverse/companies/{name?}', 'ManyToManyController@busca_company');
# cidades onde existe a empresa
Route::get('/many-to-many-insert', 'ManyToManyController@new'); # Insere cidade(s) em uma empresa
Route::get('/many-to-many-delete', 'ManyToManyController@delete'); # Exclui cidade(s) em uma empresa

```

```

/*
|-----
| Polymorphic
|-----
*/

```

```

Route::get('/polymorphics', 'PolymorphicController@index');
Route::get('/polymorphics-insert-city', 'PolymorphicController@comment_city');
Route::get('/polymorphics-insert-state', 'PolymorphicController@comment_state');
Route::get('/polymorphics-insert-country', 'PolymorphicController@comment_country');

Route::get('/polymorphics-show-city/{name?}', 'PolymorphicController@show_comments_city');
Route::get('/polymorphics-show-state/{name?}', 'PolymorphicController@show_comments_state');
Route::get('/polymorphics-show-country/{name?}',
'PolymorphicController@show_comments_country');

```

## Controller

### app\Http\Controllers\PolymorphicController.php

```

<?php

namespace App\Http\Controllers;

use App\Models\Country;
use App\Models\State;
use App\Models\City;
use App\Models\Comment;
use Illuminate\Http\Request;

class PolymorphicController extends Controller
{
    public function index(){
        $comments = Comment::all();
        $total_comments = $comments->count();
        return view('comments/index', compact('comments', 'total_comments'));
    }

    public function comment_city(){

```

```

$city = City::where('name','Rio de Janeiro')->get()->first();

$comment = $city->comments()->create([
    'description' => "{$city->name}: Cidade maravilhosa!",
]);

return view('comments/city', compact('city', 'comment'));
}

public function comment_state(){
    $state = State::where('name','São Paulo')->get()->first();

    $comment = $state->comments()->create([
        'description' => "{$state->name}: A locomotiva do País!",
    ]);

    return view('comments/state', compact('state', 'comment'));
}

public function comment_country(){
    $country = Country::where('name','Brasil')->get()->first();

    $comment = $country->comments()->create([
        'description' => "{$country->name}: Ame ou deixe-o!",
    ]);

    return view('comments/country', compact('country', 'comment'));
}

public function show_comments_city($name='São Paulo'){
    $city = City::where('name', $name)->get()->first();
    $comments = $city->comments;
    $total_comments = $comments->count();
    return view('comments/city_comments', compact('city', 'comments', 'total_comments'));
}

public function show_comments_state($name='São Paulo'){
    $state = State::where('name', $name)->get()->first();
    $comments = $state->comments;
    $total_comments = $comments->count();
    return view('comments/state_comments', compact('state', 'comments', 'total_comments'));
}

public function show_comments_country($name='Brasil'){
    $country = Country::where('name', $name)->get()->first();
    $comments = $country->comments;
    $total_comments = $comments->count();
    return view('comments/country_comments', compact('country', 'comments', 'total_comments'));
}
}

```

resources\views\comments\city\_comments.blade.php

@extends('layouts.app')

@section('title', 'Comentários da Cidade')

@section('content')

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<h3 class="text-center mt-3 titulo">{{\$city->name}}</h3>

<div class="mt-3 mb-2">

<h5 class="text-right total\_registros">Total de Comentários: {{\$total\_comments}}</h5>

</div>

<div style="clear:both;" class="card mt-3">

<div class="card-header">

<h3 class="text-center">Comentários</h3>

</div>

<table class="table table-striped">

<thead>

<th class="text-center">Id</th>

<th>Comentário</th>

<th>Criado em:</th>

</thead>

<tbody>

@forelse (\$comments as \$comment)

<tr>

<td class="text-center">{{\$comment->id}}</td>

<td>{{\$comment->description}}</td>

<td>{{\$comment->created\_at}}</td>

</tr>

@empty

<tr>

<td colspan="3" class="text-center">Não há nenhum comentário registrado!</td>

</tr>

@endforelse

</tbody>

</table>

</div>

<br>

</div>

<div class="col-md-3"></div>

</div>

@endsection

resources\views\comments\state\_comments.blade.php

@extends('layouts.app')

@section('title', 'Comentários do Estado')

@section('content')

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<h3 class="text-center mt-3 titulo">{{ \$state->name }}</h3>

<div class="mt-3 mb-2">

<h5 class="text-right total\_registros">Total de Comentários: {{ \$total\_comments }}</h5>

</div>

<div style="clear:both;" class="card mt-3">

<div class="card-header">

<h3 class="text-center">Comentários</h3>

</div>

<table class="table table-striped">

<thead>

<th class="text-center">Id</th>

<th>Comentário</th>

<th>Criado em:</th>

</thead>

<tbody>

@forelse (\$comments as \$comment)

<tr>

<td class="text-center">{{ \$comment->id }}</td>

<td>{{ \$comment->description }}</td>

<td>{{ \$comment->created\_at }}</td>

</tr>

@empty

<tr>

<td colspan="3" class="text-center">Não há nenhum comentário registrado!</td>

</tr>

@endforelse

</tbody>

</table>

</div>

<br>

</div>

<div class="col-md-3"></div>

</div>

@endsection

resources\views\comments\country\_comments.blade.php

@extends('layouts.app')

@section('title', 'Comentários do País')

@section('content')

<div class="row">

<div class="col-md-3"></div>

<div class="col-md-6">

<h3 class="text-center mt-3 titulo">{{\$country->name}}</h3>

<div class="mt-3 mb-2">

<h5 class="text-right total\_registros">Total de Comentários: {{\$total\_comments}}</h5>

</div>

<div style="clear:both;" class="card mt-3">

<div class="card-header">

<h3 class="text-center">Comentários</h3>

</div>

<table class="table table-striped">

<thead>

<th class="text-center">Id</th>

<th>Comentário</th>

<th>Criado em:</th>

</thead>

<tbody>

@forelse (\$comments as \$comment)

<tr>

<td class="text-center">{{\$comment->id}}</td>

<td>{{\$comment->description}}</td>

<td>{{\$comment->created\_at}}</td>

</tr>

@empty

<tr>

<td colspan="3" class="text-center">Não há nenhum comentário registrado!</td>

</tr>

@endforelse

</tbody>

</table>

</div>

<br>

</div>

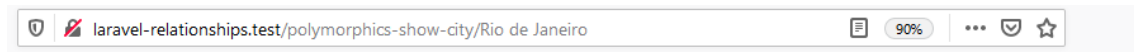
<div class="col-md-3"></div>

</div>

@endsection



http://laravel-relationships.test/polymorphics-show-city/Rio de Janeiro

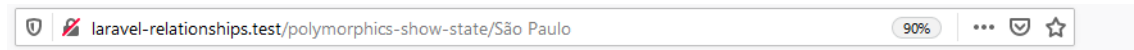


## RIO DE JANEIRO

Total de Comentários: 1

Comentários		
Id	Comentário	Criado em:
1	Rio de Janeiro: Cidade maravilhosa!	2020-09-16 03:25:50

http://laravel-relationships.test/polymorphics-show-state/Sao Paulo

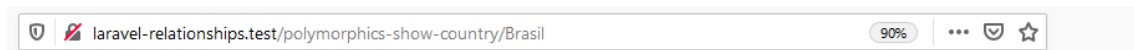


## SÃO PAULO

Total de Comentários: 1

Comentários		
Id	Comentário	Criado em:
2	São Paulo: A locomotiva do País!	2020-09-16 03:26:00

http://laravel-relationships.test/polymorphics-show-country/Brasil



## BRASIL

Total de Comentários: 1

Comentários		
Id	Comentário	Criado em:
3	Brasil: Ame ou deixe-o!	2020-09-16 03:27:37

