**url:** [**https://www.itsolutionstuff.com/post/laravel-8-yajra-datatables-example-tutorialexample.html**](https://www.itsolutionstuff.com/post/laravel-8-yajra-datatables-example-tutorialexample.html)

**Laravel 8 Yajra Datatables Example Tutorial**

By Hardik Savani September 24, 2020 Category : Laravel

Now, let's see tutorial of laravel 8 datatables example. i would like to show you laravel 8 yajra datatables example. if you want to see example of laravel 8 datatables tutorial then you are a right place.

In this article, we will implement a laravel 8 datatables ajax example.

Datatables provides us quick search, pagination, ordering, sorting and etc. Datatables is basically jQuery plugins that allows you to add advanced interaction controls to your HTML tables data. Datatables also provide ajax for data searching and getting. you can give very quick layout for search and sorting using Datatables. You can also implement Datatables in your laravel application.

You have to just follow few step for implement datatables in your laravel application. In this example i give you example from scratch. So just follow bellow step, you will find preview and also demo for check how it is working.

Step 1: Install Laravel 8

In this step, if you haven't laravel 8 application setup then we have to get fresh laravel 8 application. So run bellow command and get clean fresh laravel 8 application.

composer create-project --prefer-dist laravel/laravel blog

Step 2 : Install Yajra Datatable

We need to install yajra datatable composer package for datatable, so you can install using following command:

composer require yajra/laravel-datatables-oracle

After that you need to set providers and alias.

**config/app.php**

.....

'providers' => [

....

Yajra\DataTables\DataTablesServiceProvider::**class**,

]

.....

Read Also: [Laravel 8 CRUD Application Tutorial for Beginners](https://www.itsolutionstuff.com/post/laravel-8-crud-application-tutorial-for-beginnersexample.html" \t "_blank)

Step 3: Add Dummy Records

In this step, we will create some dummy users using tinker factory. so let's create dummy records using bellow command:

php artisan tinker

User::factory()->count(20)->create()

Step 4: Add Route

In this is step we need to create route for datatables layout file and another one for getting data. so open your **routes/web.php** file and add following route.

**routes/web.php**

<?php

**use** Illuminate\Support\Facades\Route;

**use** App\Http\Controllers\UserController;

/\*

|--------------------------------------------------------------------------

| Web Routes

|--------------------------------------------------------------------------

|

| Here is where you can register web routes for your application. These

| routes are loaded by the RouteServiceProvider within a group which

| contains the "web" middleware group. Now create something great!

|

\*/

Route::**get**('users', [UserController::**class**, 'index'])->name('users.index');

Step 5: Create Controller

In this point, now we should create new controller as UserController. this controller will manage layout and getting data request and return response, so put bellow content in controller file:

**app/Http/Controllers/UserController.php**

<?php

**namespace** App\Http\Controllers;

**use** Illuminate\Http\Request;

**use** App\Models\User;

**use** DataTables;

**class** UserController **extends** Controller

{

/\*\*

\* Display a listing of the resource.

\*

\* @return \Illuminate\Http\Response

\*/

**public** **function** index(Request $request)

{

**if** ($request->ajax()) {

$data = User::**select**('\*');

**return** Datatables::of($data)

->addIndexColumn()

->addColumn('action', **function**($row){

$btn = '<a href="javascript:void(0)" class="edit btn btn-primary btn-sm">View</a>';

**return** $btn;

})

->rawColumns(['action'])

->make(**true**);

}

**return** view('users');

}

}

Step 6: Create View

In Last step, let's create users.blade.php(resources/views/users.blade.php) for layout and we will write design code here and put following code:

**resources/views/users.blade.php**

<!DOCTYPE html>

**<html>**

**<head>**

**<title>**Laravel 8 Datatables Tutorial - ItSolutionStuff.com**</title>**

**<meta** **name**="csrf-token" **content**="{{ csrf\_token() }}"**>**

**<link** **rel**="stylesheet" **href**="https://cdnjs.cloudflare.com/ajax/libs/twitter-bootstrap/4.1.3/css/bootstrap.min.css" **/>**

**<link** **href**="https://cdn.datatables.net/1.10.16/css/jquery.dataTables.min.css" **rel**="stylesheet"**>**

**<link** **href**="https://cdn.datatables.net/1.10.19/css/dataTables.bootstrap4.min.css" **rel**="stylesheet"**>**

**<script** **src**="https://ajax.googleapis.com/ajax/libs/jquery/1.9.1/jquery.js"**></script>**

**<script** **src**="https://cdnjs.cloudflare.com/ajax/libs/jquery-validate/1.19.0/jquery.validate.js"**></script>**

**<script** **src**="https://cdn.datatables.net/1.10.16/js/jquery.dataTables.min.js"**></script>**

**<script** **src**="https://stackpath.bootstrapcdn.com/bootstrap/4.1.3/js/bootstrap.min.js"**></script>**

**<script** **src**="https://cdn.datatables.net/1.10.19/js/dataTables.bootstrap4.min.js"**></script>**

**</head>**

**<body>**

**<div** **class**="container"**>**

**<h1>**Laravel 8 Datatables Tutorial **<br/>** ItSolutionStuff.com**</h1>**

**<table** **class**="table table-bordered data-table"**>**

**<thead>**

**<tr>**

**<th>**No**</th>**

**<th>**Name**</th>**

**<th>**Email**</th>**

**<th** **width**="100px"**>**Action**</th>**

**</tr>**

**</thead>**

**<tbody>**

**</tbody>**

**</table>**

**</div>**

**</body>**

**<script** **type**="text/javascript"**>**

$(**function** () {

**var** table = $('.data-table').DataTable({

processing: **true**,

serverSide: **true**,

ajax: "{{ route('users.index') }}",

columns: [

{data: 'id', name: 'id'},

{data: 'name', name: 'name'},

{data: 'email', name: 'email'},

{data: 'action', name: 'action', orderable: **false**, searchable: **false**},

]

});

});

**</script>**

**</html>**

Now we are ready to run our example so run bellow command ro quick run:

php artisan serve

Now you can open bellow url on your browser:

Read Also: [Laravel 8 Ajax Post Request Example](https://www.itsolutionstuff.com/post/laravel-8-ajax-post-request-exampleexample.html" \t "_blank)

http://localhost:8000/users

You can get more information about package from here : [Click Here](https://github.com/yajra/laravel-datatables).

I hope it can help you...