

How do I setup routes for my custom module?

There are a few necessary steps to create and properly configure module routing.

Creating routes

The first step to creating module routes is to create a directory named **routes** on the same level as the **src** directory - for more information refer to "[Anatomy of a custom module.php](#)" file in the **routes** directory. If my module only requires admin routes, I'll create a file called admin.php in the routes directory:

```
└─ module
  └─ database
    └─ migrations
  └─ public
  └─ resources
    └─ css
    └─ js
    └─ views
      └─ admin
      └─ store
  └─ routes
    └─ admin.php
  └─ src
    └─ Http
    └─ Controllers
    └─ Responses
      └─ Steps
    └─ Requests
    └─ Models
  ServiceProvider.php
.gitignore
composer.json
```

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The contents of the file become:

```
<?php

use Illuminate\Support\Facades\Route;
```

The file can then be populated with the necessary routes the module needs. For more information on routes see the [laravel documentaiton on routing](#)

Loading routes in the Service Providers

The module needs to be made aware of all the routes that are available for it, and this is how it can be done:

Single routes file

```
$this->loadRoutesFrom(__DIR__.'/../routes/routes.php');
```

Store routes

```
Router::addStoreRoutes(__DIR__ . '/../routes/web.php');
```

Admin routes

```
Router::addAdminRoutes(__DIR__ . '/../routes/admin.php');
```

Using AdminModule facade

Routes can also be added through the **AdminModule** facade which allows the chaining for both **route()** and **routes()**. This should only be used with modules that have an interface/access point in the admin modules section. It can be done like so:

```
AdminModule::create('csv')
->title('CSV Import & Export')
->summary('Used to import and export a variety of platform data.')
->routes(__DIR__.'/../routes/admin.php')
->route('admin.csv.index');
```

Where the **route()** accesses a declared route that returns a view or **routes()**, with the same principle as the above examples.

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