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# Enable Bootstrap 4 in Laravel 5.5

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Submitted by markoshust (/users/markoshust) Wed, 09/13/2017 - 11:59

## Tags:

[laravel \(/tags/laravel\)](#)

[bootstrap \(/tags/bootstrap\)](#)

Laravel 5.5 just recently got released, and ships with the current stable version of Bootstrap, which is version 3. However, Bootstrap 4 recently hit beta, and should now be solid enough to start development with, especially for new Laravel projects that are just now getting started.

Bootstrap 4 can be easily enabled following these steps. First, remove the Laravel-supplied version of bootstrap-sass from npm:

```
npm uninstall --save-dev bootstrap-sass
```

Then install the new version of `bootstrap` from npm. Tether is no longer used with Bootstrap 4; it was replaced with Popper.js, so let's go ahead and install the `popper.js` library too:

```
npm install --save-dev bootstrap@^4.0.0-beta popper.js
```

We now have to update our `bootstrap.js` file with the new requirements. Note that there is some ambiguity with the name of this file, as `bootstrap.js` is named bootstrap because it is the main file that instantiates JavaScript libraries -- it has nothing to do with the Bootstrap library. That said, this is also the same file that is used to instantiate the Bootstrap library ;)

In `resources/assets/js/bootstrap.js`, replace:

```
try {  
    window.$ = window.jQuery = require('jquery');  
  
    require('bootstrap-sass');  
} catch (e) {}
```

with:

```
try {  
    window.$ = window.jQuery = require('jquery');  
    window.Popper = require('popper.js');  
  
    require('bootstrap');  
} catch (e) {}
```

What we are doing here is changing the reference of `bootstrap-sass` (the old Bootstrap 3 library) with `bootstrap` (the Bootstrap 4 library). We are also defining the global `Popper` variable to look at the related NPM library (`popper.js`).

After a recompilation of assets:

```
npm run dev
```

we should now have Bootstrap 4 installed within Laravel 5.5.



(/users/markoshust)

Submitted by Mark Shust (/users/markoshust) on Wed, 09/13/2017 - 11:59

**Tags:**

laravel (/tags/laravel)

bootstrap (/tags/bootstrap)

## Comments

### Still there are (/comment/456#comment-456)

Still there are configurations that is missing. I am seeing module error at

```
@import "~bootstrap-sass/assets/stylesheets/bootstrap" at  
resources/assets/sass/app.scss
```

 when running npm run dev.

Tried also to replace with

```
@import "~bootstrap/scss/bootstrap.scss",
```

 and got another error about incompatible units (px and rem). I am still figuring out how to solve those problems...

### You need to go into the (/comment/457#comment-457)

You need to go into the

```
1 | resources/assets/sass/_variables.scss
```

file and change the either delete the

```
1 | $font-size-base: 14px;
```

line or change it to a rem value.

### **You will also want to change (/comment/458#comment-458)**

You will also want to change the line

```
1 | window.Popper = require('popper.js');
```

to

```
1 | window.Popper = require('popper.js').default;
```

### **There is definitely something (/comment/459#comment-459)**

There is definitely something missing in these instruction  
Still getting errors after making all of these changes.

```
ERROR in ./resources/assets/sass/app.scss
Module build failed: ModuleBuildError: Module
build failed:
@import "~bootstrap-
sass/assets/stylesheets/bootstrap";
^
```

## **About**

**Mark Shust** is a Zend Certified Engineer (<http://www.zend.com/en/yellow-pages/ZEND014633>) and **Magento Certified Developer Plus** (<http://www.magentocommerce.com/certification/directory/dev/883/>).

 Follow @markshust (<https://twitter.com/markshust>)