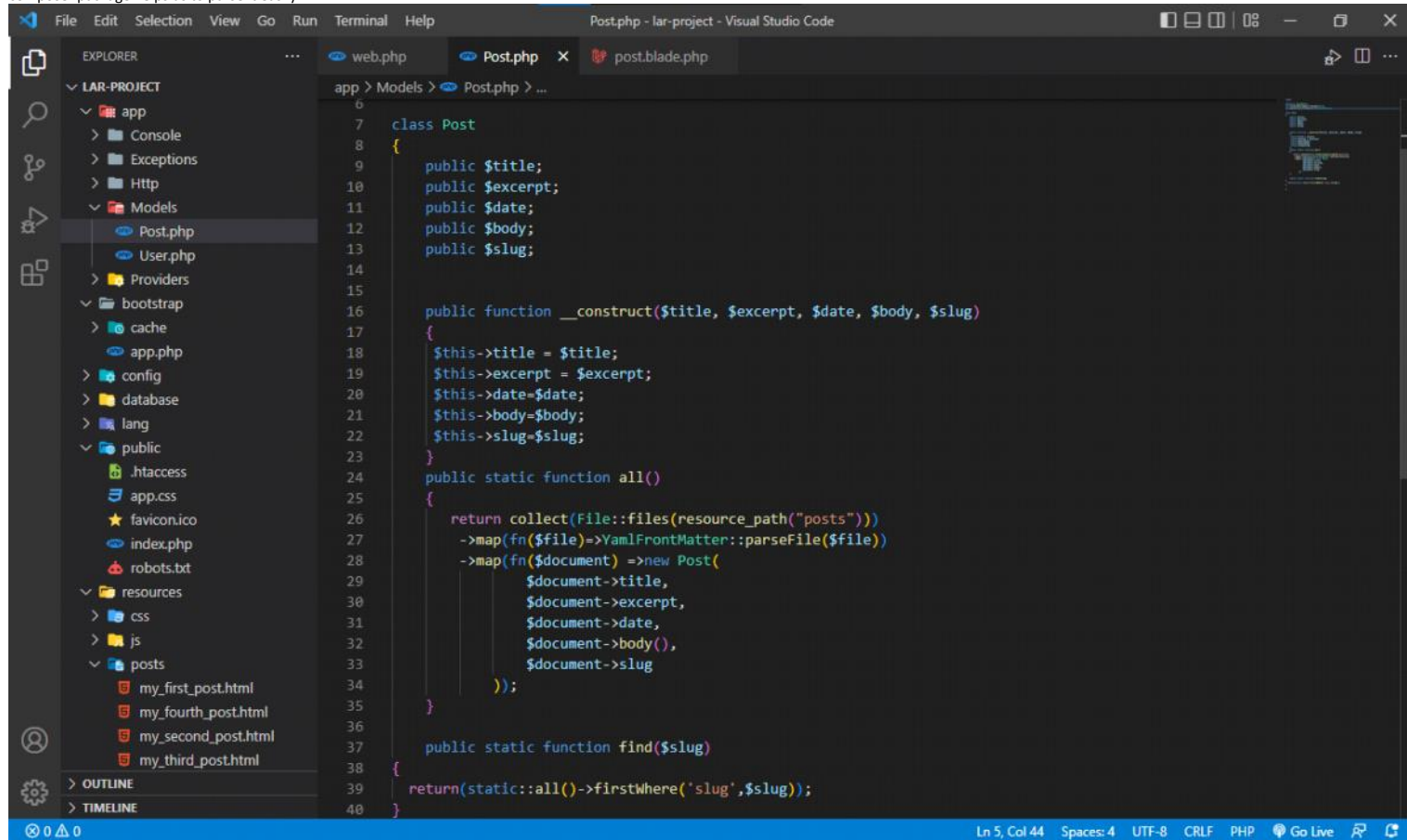


Find a Composer Package for Post Metadata

Thursday, September 1, 2022 8:23 PM

We can add metadata to each file at the top. This metadata format has a name: Yaml Front Matter. This composer package helps us to parse it easily.



```
6
7 class Post
8 {
9     public $title;
10    public $excerpt;
11    public $date;
12    public $body;
13    public $slug;
14
15
16    public function __construct($title, $excerpt, $date, $body, $slug)
17    {
18        $this->title = $title;
19        $this->excerpt = $excerpt;
20        $this->date = $date;
21        $this->body = $body;
22        $this->slug = $slug;
23    }
24    public static function all()
25    {
26        return collect(File::files(resource_path("posts")))
27            ->map(fn($file) => YamlFrontMatter::parseFile($file))
28            ->map(fn($document) => new Post(
29                $document->title,
30                $document->excerpt,
31                $document->date,
32                $document->body(),
33                $document->slug
34            ));
35    }
36
37    public static function find($slug)
38    {
39        return (static::all()->firstWhere('slug', $slug));
40    }
41 }
```

```
File Edit Selection View Go Run Terminal Help web.php - lar-project - Visual Studio Code

EXPLORER
LAR-PROJECT
├── js
├── posts
│   ├── my_first_post.html
│   ├── my_fourth_post.html
│   ├── my_second_post.html
│   └── my_third_post.html
├── views
│   ├── post.blade.php
│   └── posts.blade.php
├── routes
│   ├── api.php
│   ├── channels.php
│   ├── console.php
│   └── web.php
├── storage
├── tests
├── vendor
├── .editorconfig
├── .env
├── .env.example
├── .gitattributes
├── .gitignore
├── artisan
├── composer.json
├── composer.lock
├── package.json
├── phpunit.xml
└── ...

routes > web.php > ...
1 <?php
2
3 use App\Models\Post;
4 use Illuminate\Support\Facades\Route;
5
6 /*
7 |-----
8 | Web Routes
9 |-----
10 |
11 | Here is where you can register web routes for your application. These
12 | routes are loaded by the RouteServiceProvider within a group which
13 | contains the "web" middleware group. Now create something great!
14 |
15 */
16
17 Route::get('/', function () {
18     return view('posts', [
19         'posts' => Post::all()
20     ]);
21 });
22
23 Route::get('posts/{post}', function($slug){
24     return view('post', [
25         'post' => Post::find($slug)
26     ]);
27 })-> where('post', '[A-z_-]+');
28
```

Ln 28, Col 1 Spaces: 4 UTF-8 LF PHP Go Live

```
File Edit Selection View Go Run Terminal Help posts.blade.php - lar-project - Visual Studio Code

EXPLORER
LAR-PROJECT
├── database
├── lang
├── public
│   ├── .htaccess
│   ├── app.css
│   ├── favicon.ico
│   ├── index.php
│   ├── robots.txt
│   └── ...
├── resources
│   ├── css
│   ├── js
│   ├── posts
│   │   ├── my_first_post.html
│   │   ├── my_fourth_post.html
│   │   ├── my_second_post.html
│   │   └── my_third_post.html
│   ├── views
│   │   ├── post.blade.php
│   │   └── posts.blade.php
│   └── routes
│       ├── api.php
│       ├── channels.php
│       ├── console.php
│       └── web.php
├── storage
├── tests
├── vendor
├── .editorconfig
├── ...
└── ...

resources > views > posts.blade.php > body
1 <!DOCTYPE html>
2
3 <title>My Blog</title>
4 <link rel="stylesheet" href="/app.css">
5
6 <body>
7     <?php foreach ($posts as $post) :?>
8         <article>
9             <h1>
10                 <a href="/posts/<?=$post->slug;?>">
11                     <?=$post->title; ?>
12                 </a>
13             </h1>
14             <div>
15                 <?=$post->excerpt; ?>
16             </div>
17         </article>
18     <?php endforeach; ?>
19
20 </body>
```

Ln 20, Col 1