CAPTCHA ANGKA DAN HURUF

1. Buka alamat packagist.org/packages/mews/captcha
2. Lalu copas composer require mews/captcha

mews/captcha

```
composer require mews/captcha
```

Laravel 5 & 6 Captcha Package

3. Tempelkan di cmd tunggu hingga proses install selesai. Setelah selesai maka di composer.json akan bertambah satu item file sbb :


```
    ],
    "license": "MIT",
    "require": {
        "php": "^7.2",
        "fideloper/proxy": "^4.0",
        "laravel/framework": "^6.0",
        "laravel/tinker": "^1.0",
        "laravel/ui": "^1.0",
        "mews/captcha": "^3.0"
```

4. Disini kita ambil contoh kita menggunakan laravel versi 6 maka kita tambah provider seperti berikut :

```
for Laravel 5.1+

    'providers' => [
        // ...
        Mews\Captcha\CaptchaServiceProvider::class,
    ]
```

Tambahkan itu ke config->app.php di bagian provider

```
App\Providers\EventServiceProvider::class,
App\Providers\RouteServiceProvider::class,

Mews\Captcha\CaptchaServiceProvider::class,
```

5. Kita tambah file ini

```
for Laravel 5.1+

    'aliases' => [
        // ...
        'Captcha' => Mews\Captcha\Facades\Captcha::class,
    ]
```

Di bagian alianses di config -> app.php

```
'View' => Illuminate\Support\Facades\View::class,

'Captcha' => Mews\Captcha\Facades\Captcha::class,
```
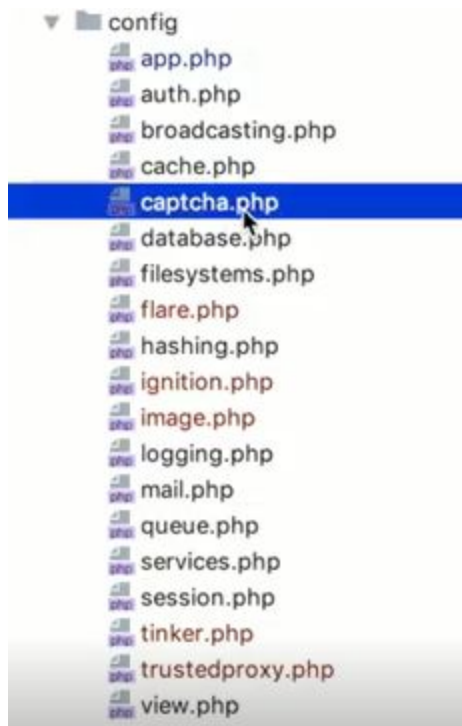
6. Lalu jalankan file ini di cmd

```
$ php artisan vendor:publish
```

```
Which provider or tag's files would you like to publish?:
 [0 ] Publish files from all providers and tags listed below
 [1 ] Provider: Facade\Ignition\IgnitionServiceProvider
 [2 ] Provider: Fideloper\Proxy\TrustedProxyServiceProvider
 [3 ] Provider: Illuminate\Foundation\Providers\FoundationServiceProvider
```

Lalu pilih 0, yaitu publish semua.

Maka akan terbentuk file captcha.php dan file lainnya di folder config.

7. Lalu kita tambahkan captcha ini di menu/tampilan register dan login, misal dengan tampilan flat (koding di bagian view)

To use different configurations

```
captcha_img('flat');

Captcha::img('inverse');
```
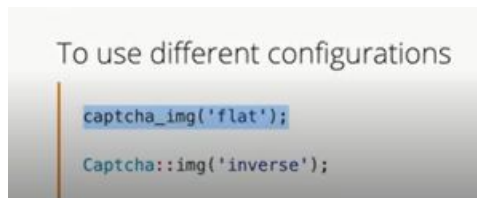
```
<div class="form-group row">
    <div class="offset-md-4 col-md-6">
        {!! captcha_img('flat') !!}
    </div>
</div>
```

Dan tampilannya
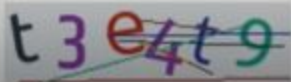
8. Lalu tambahkan inputan untuk captchanya

```html
<div class="form-group row">
    <div class="offset-md-4 col-md-6">
        {!! captcha_img('flat') !!}
    </div>
</div>

<div class="form-group row">
    <label for="captcha" class="col-md-4 col-form-label text-md-right">{{ __('Confirm Captcha') }}</label>

    <div class="col-md-6">
        <input id="captcha" type="text" class="form-control" name="captcha" required>
    </div>
</div>
```

Dan hasilnya

9. Kita atur misal jumlah captcha nya. config->captcha.php, karena kita menggunakan yang flat maka atur bag flat. Kita ubah dari 6 menjadi 4, dan hasilnya

```
        'math' => true,
    ],

    'flat' => [
        'length' => 4,
        'width' => 160,
        'height' => 46,
        'quality' => 90,
        'lines' => 6,
```


Confirm Captcha

Register

10. Buat validasi untuk captchanya, kita ambil di bagian login ya

```
Auth                                    33    *
 ForgotPasswordController.php           34    * @return void
 LoginController.php                    35    */
 RegisterController.php                 36    public function __construct()
 ResetPasswordController.php            37    {
 VerificationController.php             38        $this->middleware( middleware: 'guest')->except( methods: 'logout');
 BelajarController.php                  39    }
 Controller.php                         40
 HomeController.php                     41    protected function validateLogin(Request $request)
 KategoriArtikelController.php          42    {
 Middleware                             43        $request->validate([
 Kernel.php                             44            $this->username() => 'required|string',
                                        45            'password' => 'required|string',
                                        46            'captcha' =>'required|captcha'
                                        47        ]);
                                        48    }
```

Example Usage

```php
// [your site path]/Http/routes.php
Route::any('captcha-test', function() {
    if (request()->getMethod() == 'POST') {
        $rules = ['captcha' => 'required|captcha'];
        $validator = validator()->make(request()->all(), $rules);
        if ($validator->fails()) {
            echo '<p style="color: #ff0000;">Incorrect!</p>';
        } else {
            echo '<p style="color: #00ff30;">Matched :)</p>';
        }
    }

    $form = '<form method="post" action="captcha-test">';
    $form .= '<input type="hidden" name="_token" value="' . csrf_token() . '">';
    $form .= '<p>' . captcha_img() . '</p>';
    $form .= '<p><input type="text" name="captcha"></p>';
    $form .= '<p><button type="submit" name="check">Check</button></p>';
    $form .= '</form>';
    return $form;
});
```

```
<div class="form-group row">
    <div class="offset-md-4 col-md-6">
        {!! captcha_img('flat') !!}
    </div>
</div>

<div class="form-group row">
    <label for="captcha" class="col-md-4 col-form-label text-md-right">{{ __('Confirm Captcha') }}</label>

    <div class="col-md-6">
        <input id="captcha" type="text" class="form-control @error('captcha') is-invalid @enderror" name="captcha"

        @error('captcha')
        <span class="invalid-feedback" role="alert">
            <strong>{{ $message }}</strong>
        </span>
        @enderror
```
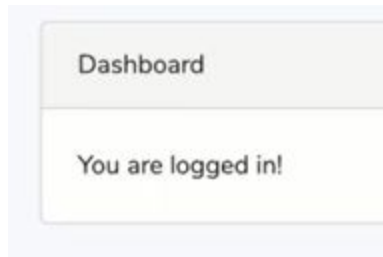
Jika error hasilnya :

Jika berhasil hasilnya :

Dashboard

You are logged in!

11. Membuat refresh / mengganti captcha

Linknya di stackoverflow.com/questions/33296221/captcha-refresh-mewebstudio

Bikin refreshnya ditampilan view.

```
<div class="form-group row">
    <div class="offset-md-4 col-md-6">
        {!! captcha_img('flat') !!}
    </div>
</div>

<div class="form-group row">
    <label for="captcha" class="col-md-4 col-form-label text-md-right">{{ __('Cc
    
    <div class="col-md-6">
        <input id="captcha" type="text" class="form-control @error('captcha') is
        
        @error('captcha')
        <span class="invalid-feedback" role="alert">
            <strong>{{ $message }}</strong>
        </span>
        @enderror
        
        <a href="javascript:void(0)" onclick="refreshCaptcha()">Refresh</a>
```

Hasilnya


```
<div class="form-group row">
    <div class="offset-md-4 col-md-6">
        {!! captcha_img('flat') !!}
        <br>
        <a href="javascript:void(0)" onclick="refreshCaptcha()">Refresh</a>
    </div>
</div>

<div class="form-group row">
    <label for="captcha" class="col-md-4 col-form-label text-md-right">{{ __('C

    <div class="col-md-6">
        <input id="captcha" type="text" class="form-control @error('captcha') i

        @error('captcha')
        <span class="invalid-feedback" role="alert">
            <strong>{{ $message }}</strong>
        </span>
        @enderror
```
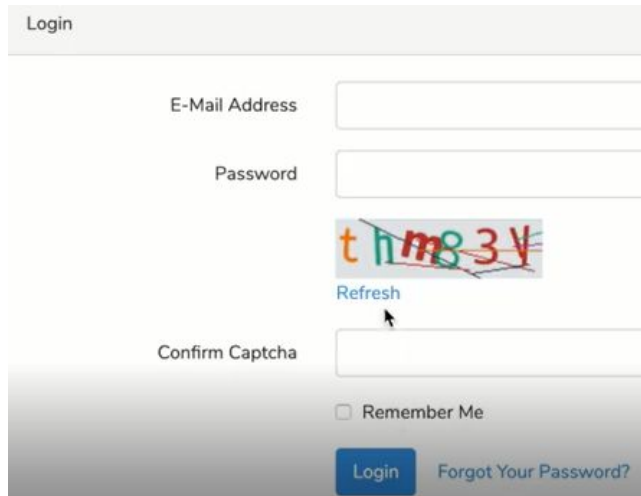
Hasilnya

12. Kita buat agar refresh ini berfungsi, kita tambahkan ajax sbb :


```
AJAX-

<script>
function refreshCaptcha(){
$.ajax({
url: "/refereshcapcha",
type: 'get',
  dataType: 'html',
  success: function(json) {
    $('.refereshrecapcha').html(json);
  },
  error: function(data) {
    alert('Try Again.');
  }
});
}
</script>
```

```
@section('scripts')
    <script>
        function refreshCaptcha(){
            $.ajax({
                url: "/refereshcapcha",
                type: 'get',
                dataType: 'html',
                success: function(json) {
                    $('.hasil_refereshrecapcha').html(json);
                },
                error: function(data) {
                    alert('Try Again.');
                }
            });
        }
    </script>
```

Lalu tambahkan routenya

```
Route::get('/refereshcapcha', 'HelperController@refereshCapcha');
```

Lalu buat controller HelperController

```
php artisan make:controller HelperController
```

Lalu buat function refreshcaptcha

```php
<?php

namespace App\Http\Controllers;

use Illuminate\Http\Request;

class HelperController extends Controller
{
    function refereshCapcha(){
        return captcha_img( config: 'flat');
    }
}
```

Lalu buat div untuk menampung hasilnya

```html
<div class="form-group row">
    <div class="offset-md-4 col-md-6">
        <div class="hasil_refereshrecapcha">
            {!! captcha_img('flat') !!}
        </div>
    </div>
</div>
```

Dan berhasil jika di refresh maka akan berganti yeyyy.