

Laravel - Forms

Topics : [Laravel](#)

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In Laravel, working with forms is made easy with the help of the Blade templating engine and Laravel Collective's HTML and Form Builders. Here's a guide on working with forms in Laravel:

1. Creating Forms:

Forms can be created using the `form` method provided by Laravel Collective. Laravel Collective provides a set of HTML and Form helper methods that simplify the process of creating and working with HTML forms.

First, you need to install Laravel Collective:

```
composer require laravelcollective/html
```

After installation, you should add the service provider and facade in the `config/app.php` file:

```
'providers' => [  
    // ...  
    Collective\Html\HtmlServiceProvider::class,  
],  
  
'aliases' => [  
    // ...  
    'Form' => Collective\Html\FormFacade::class,  
    'Html' => Collective\Html\HtmlFacade::class,  
],
```

2. Creating a Form:

In your Blade view, you can use the Form facade to create forms.

```
{!! Form::open(['url' => '/submit', 'method' => 'post']) !!}  
    // Form fields and controls go here  
{!! Form::close() !!}
```

3. Form Fields:

Laravel Collective provides methods for various form fields:

```

{!! Form::text('name', null, ['class' => 'form-control']) !!}
{!! Form::password('password', ['class' => 'form-control']) !!}
{!! Form::email('email', null, ['class' => 'form-control']) !!}
{!! Form::select('role', ['admin' => 'Admin', 'user' => 'User'], null,
['class' => 'form-control']) !!}

```

4. CSRF Protection:

Laravel automatically adds CSRF protection to your forms. Use the `@csrf` directive to include the CSRF token.

```

{!! Form::open(['url' => '/submit', 'method' => 'post']) !!}
    @csrf
    // Form fields and controls go here
{!! Form::close() !!}

```

5. Form Validation:

You can validate form data using Laravel's built-in validation features. The `validate` method can be called in your controller to validate the incoming request.

```

public function store(Request $request)
{
    $request->validate([
        'name' => 'required|string|max:255',
        'email' => 'required|email|unique:users',
        'password' => 'required|min:8',
    ]);

    // Process the form data
}

```

6. Old Input:

After a form submission with validation errors, you can repopulate the form fields with old input using the `old` method.

```

{!! Form::text('name', old('name'), ['class' => 'form-control']) !!}

```

7. Form Actions:

Set the `action` attribute of the form to the URL where the form data should be submitted.

```

{!! Form::open(['url' => '/submit', 'method' => 'post']) !!}
    // Form fields and controls go here
    {!! Form::submit('Submit', ['class' => 'btn btn-primary']) !!}
{!! Form::close() !!}

```

```
config > app.php
157 'providers' => [
158
159     /*
160      * Laravel Framework Service Providers...
161      */
162     Illuminate\Auth\AuthServiceProvider::class,
163     Illuminate\Broadcasting\BroadcastServiceProvider::class,
164     Illuminate\Bus\BusServiceProvider::class,
165     Illuminate\Cache\CacheServiceProvider::class,
166     Illuminate\Foundation\Providers\ConsoleSupportServiceProvider::class,
167     Illuminate\Cookie\CookieServiceProvider::class,
168     Illuminate\Database\DatabaseServiceProvider::class,
169     Illuminate\Encryption\EncryptionServiceProvider::class,
170     Illuminate\Filesystem\FilesystemServiceProvider::class,
171     Illuminate\Foundation\Providers\FoundationServiceProvider::class,
172     Illuminate\Hashing\HashServiceProvider::class,
173     Illuminate\Mail\MailServiceProvider::class,
174     Illuminate\Notifications\NotificationServiceProvider::class,
175     Illuminate\Pagination\PaginationServiceProvider::class,
176     Illuminate\Pipeline\PipelineServiceProvider::class,
177     Illuminate\Queue\QueueServiceProvider::class,
178     Illuminate\Redis\RedisServiceProvider::class,
179     Illuminate\Auth\Passwords>PasswordResetServiceProvider::class,
180     Illuminate\Session\SessionServiceProvider::class,
181     Illuminate\Translation\TranslationServiceProvider::class,
182     Illuminate\Validation\ValidationServiceProvider::class,
183     Illuminate\View\ViewServiceProvider::class,
184
185     /*
186      * Package Service Providers...
187      */
188
```

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