Spatie/

Laravel-error-solutions

Display solutions on the Laravel error page

Introduction, How to use and Curiosities!

About me

Jhonatan Morais

Converting Ideas in Software for more than one decade. Passionate about creating solutions and connecting with people.

- PHP, GoLang and Node/js
- Brazilian
- Gamer and Animes Fan

More about me: jpmorais.com.br

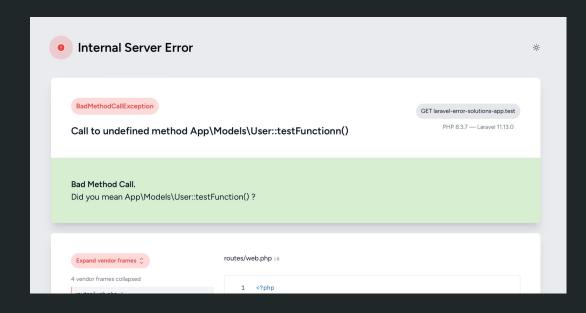


Core topics!

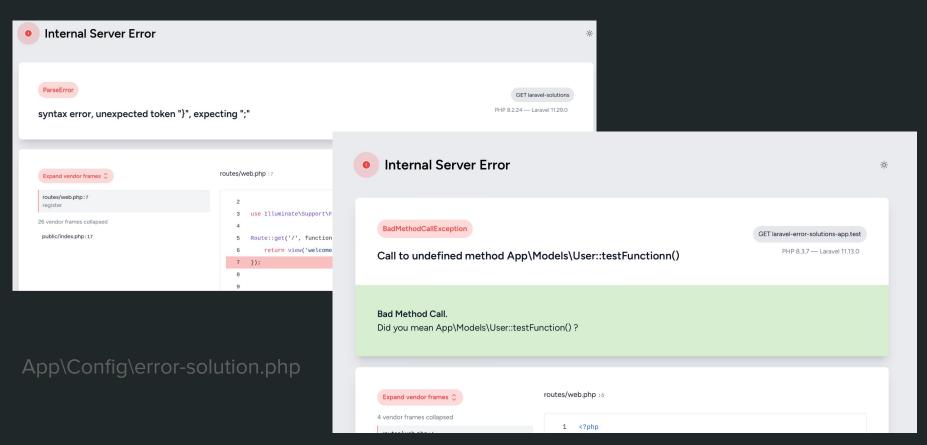
- Introduction to Laravel-solution-extension
- Features setup and configuration options
- How to extend the solutions
- Code Insights

What is: Laravel-error-Solution

- Developed by Spatie
- Laravel 11 (php8.2)
- Aim to improve dev-exp
- 4 usage modes:
 - exception extension
 - custom solutions
 - command actions
 - Al support



Disable / Enable



Custom Solution

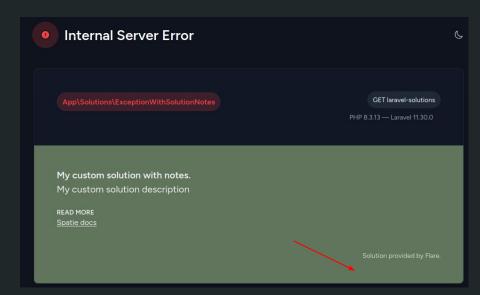
```
use Spatie\ErrorSolutions\Contracts\Solution;
class MySolution implements Solution
    public function getSolutionTitle(): string
        return 'My regular custom solution';
    public function getSolutionDescription(): string
        return 'Description from a regular custom solution';
    public function getDocumentationLinks(): array
        return [
            'Spatie docs' => 'https://spatie.be/docs',
```

```
namespace App\Solutions;
      use Exception;
      use Spatie\ErrorSolutions\Contracts\Solution;
      use Spatie\ErrorSolutions\Contracts\ProvidesSolution;
      class ExceptionWithSolution extends Exception implements ProvidesSolution
          public function __construct(string $message = '')
              parent::__construct( message: $message ?? 'An custom exception');
       no usages 👲 Jhonatan Morais
16 I
          public function getSolution(): Solution
              return new MySolution();
```

Custom Solution + source

```
class MySolutionWithNotes implements Solution
    public function getDocumentationLinks(): array
       return [
   public function solutionProvidedByName(): string
       return 'Flare';
   public function solutionProvidedByLink(): string
        return 'https://flareapp.io';
```

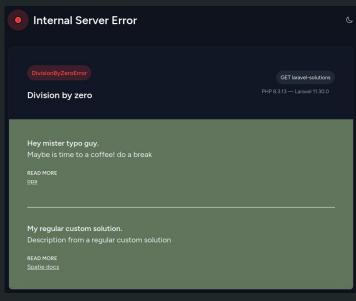
http://laravel-solutions/custom-with-notes



Solution Provider

```
class CustomSolutionProvider implements HasSolutionsForThrowable
    public function canSolve(Throwable $throwable): bool
    * @param \Throwable $throwable
    * @return array<int, Solution>
    public function getSolutions(Throwable $throwable): array
        return [
           new MySyntaxSolution(),
           new MySolution() // You can offer multiple solutions...
```

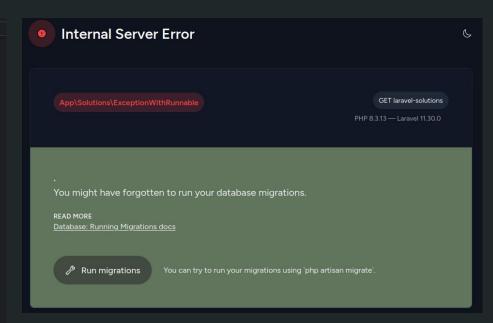
http://laravel-solutions/custom-solution-provider



Runnable Solution

class MyRunnableSolution implements RunnableSolution protected string \$customTitle; public function __construct(string \$customTitle = ''){...} 15 (I) > public function getSolutionTitle(): string{...} public function getSolutionDescription(): string{...} public function getDocumentationLinks(): array{...} public function getRunParameters(): array return []: public function getSolutionActionDescription(): string return 'You can try to run your migrations using `php artisan migrate`.'; public function getRunButtonText(): string{...} public function run(array \$parameters = []): void Artisan::call('migrate');

http://laravel-solutions/runnable-solution



Al generated Solution

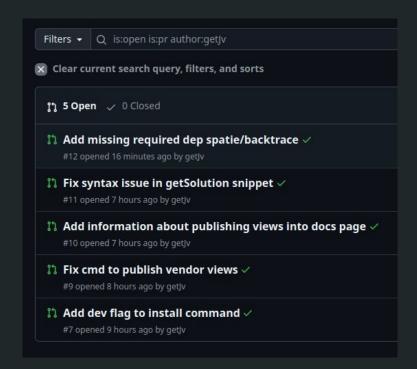
http://laravel-solutions/ai-solution

```
class MySolutionWithAi implements Solution
                                                                                         A1 A7 ^ ~
                                                                                    PS (a) (b)
    public function getAiSolution(): ?OpenAiSolutionResponse
        if ($solution) {...}
        $solutionText = OpenAI::client($this->openAiKey)
        return new OpenAiSolutionResponse($solutionText):
    protected function generatePrompt(): string
        $viewModel = new OpenAiPromptViewModel(
        return (new AiPromptRenderer())->renderAsString(
```

App\Solutions\ExceptionWithAI We cant fint the word 'potato'. Review your regex. PHP 8.3.13—Laravel 11.30.0 Al Generated Solution. Check your regular expression pattern to ensure it is correctly searching for the word 'potato'. Make sure there are no typos or errors in the regex syntax. READ MORE PHP Regular Expressions Regex101 - Online regex tester and debugger PHP preg_match function documentation

Code Insights

- Community PRs :D
- Importance of dependencies spatie/ray -> backtrace
- php-dependencies -> Laravel-dependencies
- https://github.com/spatie/backtrace
- https://github.com/spatie/laravel-ray



Thank you!



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