

Introduction

PHP Markdown Rendering Library

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Derafu Markdown is a PHP library that provides a powerful Markdown rendering engine with support for advanced extensions. It leverages `league/commonmark` and additional features to enhance Markdown processing for documentation, blogs, and dynamic content.

Features

- **Full Markdown Support:** Standard CommonMark and GitHub Flavored Markdown (GFM).
- **Extended Capabilities:** TOC, footnotes, mentions, permalinks, embeds, and more.
- **Custom Attributes:** Add CSS classes and IDs to elements.
- **External Link Handling:** Open in new tabs, add `nofollow`, etc.
- **Highly Configurable:** Fine-tune Markdown behavior with options.
- **Easy Integration:** Works standalone or within any PHP project.
- **MIT Licensed:** Open-source and free to use.

Admonition Extension

This library includes an admonition extension to process common messages. For example: tip, info and warning.

Installation

Install via Composer:

```
composer require derafu/markdown
```

Usage

Basic Rendering

```
use Derafu\Markdown\Service\MarkdownCreator;
use Derafu\Markdown\Service\MarkdownService;

$markdownService = new MarkdownService(new MarkdownCreator());

echo $markdownService->render('example.md');
```

Rendering with Layout

```
$markdownService->render('example.md', [
    '__view_layout' => 'layout.php',
    '__view_title' => 'My Markdown Page'
]);
```

Available Extensions

□ GitHub Flavored Markdown (GFM)

- Task lists:

```
- [x] Completed
- [ ] Pending
```

- Tables:

```
| Name | Age |
|-----|-----|
| John | 25  |
| Alice | 30  |
```

□ Table of Contents (TOC)

```
## Section 1
## Section 2
```

□ Header Permalinks

```
#### Important Header
```

Generates an anchor link like `#important-header`.

Footnotes

```
Here is a reference[^1].
```

```
[^1]: Footnote text.
```

Custom Attributes

```
### Title {.custom-class}
```

External Links Handling

```
[Google](https://www.google.com)
```

Adds attributes like `rel="noopener noreferrer"`.

Mentions & Issues

```
Hello @user, check issue #123.
```

Links to GitHub profiles and issues.

Embeds

```
https://www.youtube.com/watch?v=dQw4w9WgXcQ
```

Automatically embeds videos.

Advanced Configuration

You can customize the behavior of Markdown processing by passing an options array to `MarkdownCreator`:

```
$options = [  
  'environment' => [  
    'mentions' => [  
      '@' => ['generator' => 'https://github.com/%s'],  
      '#' => ['generator' => 'https://github.com/derafu/markdown/issues/%d']  
    ]  
  ]  
];  
  
$creator = new MarkdownCreator($options);
```

Template Metadata Support

Markdown templates can include metadata in YAML format:

```
---
__view_title: "Markdown Template Guide"
---
```

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