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# **py-gfm Documentation**

***Release 0.1.4***

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This is an implementation of [GitHub-Flavored Markdown](#) written as an extension to the Python [Markdown](#) library. It aims for maximal compatibility with GitHub's rendering.

py-gfm code is under a BSD-style license.



# CHAPTER 1

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## Installation

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```
pip install py-gfm
```





### 2.1 All-in-one extension

```
import markdown
from mdx_gfm import GithubFlavoredMarkdownExtension

source = """
Hello, *world*! This is a ~~good~~marvelous day!
Here is an auto link: https://example.org/

Le me introduce you to [task lists] (https://github.com/blog/1375-task-lists-in-gfm-
↪issues-pulls-comments):

- [ ] eggs
- [x] milk

You can also have fenced code blocks:

```
import this
```
"""

# Direct conversion
html = markdown.markdown(source,
                          extensions=[GithubFlavoredMarkdownExtension()])

# Factory-like
md = markdown.Markdown(extensions=[GithubFlavoredMarkdownExtension()])
html = md.convert(source)
```

## 2.2 À la carte

```
import markdown
from gfm import AutolinkExtension, TaskListExtension

html = markdown.markdown(source,
                          extensions=[AutolinkExtension(),
                                     TaskListExtension(max_depth=2)])
```

## CHAPTER 3

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Available extensions

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## CHAPTER 4

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### Modules

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## CHAPTER 5

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### Supported features

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- Fenced code blocks
- Literal line breaks
- Tables
- Hyperlink parsing (`http`, `https`, `ftp`, `email` and `www` subdomains)
- Code highlighting (dummy, no actual syntactic coloration as-is)
- Mixed-style lists with no separation
- Links and images with whitespace
- Strikethrough
- Task lists





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### Unsupported features

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This implementation does not support all of GFM features.

#### 6.1 By design

- Link to commits, issues, pull requests and user profiles: this is application specific. Feel free to subclass the provided classes to implement your own logic.

#### 6.2 Planned

- Horizontal rules
- Emojis



## CHAPTER 7

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### Indices and tables

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- `genindex`
- `modindex`
- `search`