

Misaka Report

- What does this technology (library/framework/service) accomplish for you?

Misaka is a markdown library which uses hoedown. Its main feature is the ability to quickly render HTML.

- How does this technology accomplish what it does?

Misaka calls hoedown which is written in C. This makes its rendering ability so quick.

From hoedown Misaka uses the following helper functions to accomplish this

`hoedown_buffer_new`

`hoedown_html_renderer_new`

`hoedown_document_new`

`hoedown_buffer_puts`

`hoedown_document_render`

`hoedown_buffer_free`

`hoedown_document_free`

`hoedown_html_renderer_free`

To help find these functions are in the hoedown folder (link 2). The second word in the method is the name of the file you can find the method in. The full name of the method can then be searched from the file.

In general the document class holds the outline of the html file and is the one to handle the actual rendering.

- <https://github.com/FSX/misaka/blob/master/misaka/api.py>
- <https://github.com/FSX/misaka/tree/master/misaka/hoedown>
- <https://github.com/FSX/misaka/blob/master/misaka/hoedown/buffer.c>
- <https://github.com/FSX/misaka/blob/master/misaka/hoedown/html.c>

- <https://github.com/FSX/misaka/blob/master/misaka/hoedown/document.c>

● What license(s) or terms of service apply to this technology?

○ Django is licensed under a 4-clause MIT License.

■ This is an open-source license granting broad permissions to modify and redistribute misaka.

○ <https://github.com/FSX/misaka/blob/master/LICENSE.txt>

○ This license allows for redistribution including commercial use.

○ For the purpose of our project, it is open for use

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