
Misaka Documentation

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Misaka is a CFFI-based binding for [Hoedown](#), a fast markdown processing library written in C. It features a fast HTML renderer and functionality to make custom renderers (e.g. man pages or LaTeX).

Changelog

2.0.0b1 (2015-07-18)

- Rewrite. [CFFI](#) and [Hoedown](#) instead of [Cython](#) and [Sundown](#).
- Remove pre- and postprocessor support.
- Smartypants is a normal function instead of a postprocessor.
- Documentation now uses [Sphinx](#).

See the full changelog at [/changelog](#).

Installation

Misaka has been tested on CPython 2.7, 3.2, 3.3, 3.4 and PyPy 2.6. It needs CFFI 1.0 or newer, because of this it will not work on PyPy 2.5 and older.

With pip:

```
pip install misaka
```

Or the latest development version from Github:

```
git clone https://github.com/FSX/misaka.git
cd misaka
python setup.py install
```

And run the tests:

```
python setup.py test # or...
python tests/runner.py
```

Usage

Just HTML:

```
import misaka as m
print m.html('some other text')
```

Or:

```
from misaka import Markdown, HtmlRenderer

rndr = HtmlRenderer()
md = Markdown(rndr)

print md.render('some text')
```

Here's a simple example that uses `Pygments` to highlight code (`houdini` is used to escape the HTML):

```
import houdini as h
import misaka as m
from pygments import highlight
from pygments.formatters import HtmlFormatter
from pygments.lexers import get_lexer_by_name

class HighlighterRenderer(m.HtmlRenderer):
    def blockcode(self, text, lang):
        if not lang:
            return '\n<pre>{}</code></pre>\n'.format(
                h.escape_html(text.strip()))

        lexer = get_lexer_by_name(lang, stripall=True)
        formatter = HtmlFormatter()

        return highlight(text, lexer, formatter)

renderer = HighlighterRenderer()
md = m.Markdown(renderer, extensions=m.EXT_FENCED_CODE)

print(md.render("""
Here is some code:

```python
print(123)
```

```

More code:

```
    print(123)
    """)
```

The above code listing subclasses `HtmlRenderer` and implements a `BaseRenderer.blockcode()` method. See `tests/test_renderer.py` for a `renderer` with all its methods implemented.

4.1 Extensions

```
misaka.EXT_TABLES  
misaka.EXT_FENCED_CODE  
misaka.EXT_FOOTNOTES  
misaka.EXT_AUTOLINK  
misaka.EXT_STRIKETHROUGH  
misaka.EXT_UNDERLINE  
misaka.EXT_HIGHLIGHT  
misaka.EXT_QUOTE  
misaka.EXT_SUPERSCRIPT  
misaka.EXT_MATH  
misaka.EXT_NO_INTRA_EMPHASIS  
misaka.EXT_SPACE_HEADERS  
misaka.EXT_MATH_EXPLICIT  
misaka.EXT_DISABLE_INDENTED_CODE
```

4.2 HTML render flags

```
misaka.HTML_SKIP_HTML  
misaka.HTML_ESCAPE  
misaka.HTML_HARD_WRAP  
misaka.HTML_USE_XHTML
```

4.3 Render method flags

These constants are passed to individual render methods as flags.

`misaka.LIST_ORDERED`
`misaka.LI_BLOCK`
`misaka.TABLE_ALIGN_LEFT`
`misaka.TABLE_ALIGN_RIGHT`
`misaka.TABLE_ALIGN_CENTER`
`misaka.TABLE_ALIGNMASK`
`misaka.TABLE_HEADER`
`misaka.AUTOLINK_NORMAL`
`misaka.AUTOLINK_EMAIL`

4.4 Classes

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