

mdast-util-from-markdown

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[mdast](#) utility to parse markdown.

Install

[npm](#):

```
npm install mdast-util-from-markdown
```

Use

Say we have the following markdown file, `example.md` :

```
## Hello, *World*!
```

And our script, `example.js` , looks as follows:

```
var fs = require('fs')
var fromMarkdown = require('mdast-util-from-markdown')

var doc = fs.readFileSync('example.md')

var tree = fromMarkdown(doc)

console.log(tree)
```

Now, running `node example` yields (positional info removed for brevity):

```
{
  type: 'root',
  children: [
    {
      type: 'heading',
      depth: 2,
      children: [
        {type: 'text', value: 'Hello, '},
        {
          type: 'emphasis',
          children: [{type: 'text', value: 'World'}]}
      ],
      {type: 'text', value: '!'}
```

```
    ]
  }
]
}
```

API

`fromMarkdown(doc[, encoding][, options])`

Parse markdown to a [mdast](#) tree.

Parameters

`DOC`

Value to parse (`string` or [Buffer](#)).

`ENCODING`

[Character encoding](#) to understand `doc` as when it's a [Buffer](#) (`string` , default: `'utf8'`).

`OPTIONS.EXTENSIONS`

Array of syntax extensions (`Array.<MicromarkSyntaxExtension>` , default: `[]`). Passed to [micromark](#) [as extensions](#) .

`OPTIONS.MDASTEXTENSIONS`

Array of mdast extensions (`Array.<MdastExtension>` , default: `[]`).

Returns

[Root](#) .

List of extensions

- [syntax-tree/mdast-util-directive](#) — parse directives
- [syntax-tree/mdast-util-footnote](#) — parse footnotes
- [syntax-tree/mdast-util-frontmatter](#) — parse frontmatter (YAML, TOML, more)
- [syntax-tree/mdast-util-gfm](#) — parse GFM
- [syntax-tree/mdast-util-gfm-autolink-literal](#) — parse GFM autolink literals
- [syntax-tree/mdast-util-gfm-strikethrough](#) — parse GFM strikethrough
- [syntax-tree/mdast-util-gfm-table](#) — parse GFM tables
- [syntax-tree/mdast-util-gfm-task-list-item](#) — parse GFM task list items
- [syntax-tree/mdast-util-math](#) — parse math
- [syntax-tree/mdast-util-mdx](#) — parse MDX or MDX.js
- [syntax-tree/mdast-util-mdx-expression](#) — parse MDX or MDX.js expressions
- [syntax-tree/mdast-util-mdx-jsx](#) — parse MDX or MDX.js JSX
- [syntax-tree/mdast-util-mdxjs-esm](#) — parse MDX.js ESM

Security

As Markdown is sometimes used for HTML, and improper use of HTML can open you up to a [cross-site scripting](#) ([XSS](#)) attack, use of `mdast-util-from-markdown` can also be unsafe. When going to HTML, use this utility in combination with [hast-util-sanitize](#) to make the tree safe.

Related

- [micromark/micromark](#) — the smallest commonmark-compliant markdown parser that exists
- [remarkjs/remark](#) — markdown processor powered by plugins
- [syntax-tree/mdast-util-to-markdown](#) — serialize mdast to markdown

Contribute

See [contributing.md](#) [in](#) [syntax-tree/.github](#) for ways to get started. See [support.md](#) for ways to get help.

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