markx

markx is a markdown compiler built on node.js

Guide

Line Breaks and Paragraphs

A paragraph with a line break will insert `<br />`. A `\\` will do the same.

An empty line will be considered as a beginning/end of a paragraph.

Emphasis

```
Italic: *This setntence is italic.*
Boldface: **This setntence is bold.**
Combination: ***This setntence is italic and bold.***

Underline: _This setntence is underlined._
Strikethrough: __This setntence is striked through.__
Combination: ___This setntence is underlined and striked through.___

Highlight: -This sentence is highlighted.-
Colored Text: --This sentence is in red.--
Boxed Text: ---This sentence is boxed.---
```

Italic: *This setntence is italic.*
Boldface: **This setntence is bold.**
Combination: ***This setntence is italic and bold.***

Underline: <u>This setntence is underlined.</u>
Strikethrough: ~~This setntence is striked through.~~
Combination: <u>~~This setntence is underlined and striked through~~</u>.

Highlight: ==This sentence is highlighted.==
Colored Text: This sentence is in red.

Boxed Text: This sentence is boxed.

Header & Title

```
# This is a title #
# This is an H1
## This is an H2
### This is an H3
#### This is an H4
##### This is an H5
###### This is an H6
```

This is a title

This is an H1

This is an H2

This is an H3

This is an H4

This is an H5

This is an H6

Code Block

```
```cpp
#include <iostream>

int main() {
        std::cout << "Hello World" << endl;
        return 0;
}
```
```

```cpp
#include <iostream>

int main() {
        std::cout << "Hello World" << endl;
        return 0;
}
```

Inline code

```
Use "`" to describe inline code:
The `inline code` has `back-ticks` around it.
```

The `inline code` has `back-ticks` around it.

Block Quotes

```
>>>
Block Quotes have ">>>" and "<<<" around them.
Note: Block Qutoes can be nested.
<<<
```

> Block Quotes have ">>>" and "<<<" around them.
> Note: Block Qutoes can be nested.

Block Quotes can be nested

Boxed Paragraph With Colored Background

```
^^^
Boxed Paragraph havs "^^^" around it.
The background color is blue.
^^^
```

> Boxed Paragraph havs "^^^" around it.
> The background color is blue.

Ordered Lists

```
1       Item 1
2       Item 2
3       Item 3

a       Item 1
b       Item 2
c       Item 3

A       Item 1
B       Item 2
C       Item 3

I       Item 1
II      Item 2
III     Item 3

i       Item 1
ii      Item 2
iii     Item 3
```

1. Item 1
2. Item 2
3. Item 3

a. Item 1
b. Item 2
c. Item 3

A. Item 1
B. Item 2
C. Item 3

I. Item 1
II. Item 2
III. Item 3

i. Item 1
ii. Item 2
iii. Item 3

Unordered Lists

```
*        Item 1
*        Item 2
*        Item 3

+        Item 1
+        Item 2
+        Item 3

-        Item 1
-        Item 2
-        Item 3

>        Item 1
>        Item 2
>        Item 3
```

- Item 1
- Item 2
- Item 3

+ Item 1
+ Item 2
+ Item 3

- Item 1
- Item 2
- Item 3

➢ Item 1
➢ Item 2
➢ Item 3

Horizontal Lines

```
First line
---
Second line
```

First line

Second line

Other Elements

Links

```
[text](link address)
<link address> % short hand link
```

Media (image, gif, video)

```
![optional cation](link address)
```

Subscript & Superscript

```
text_{subscript}
text^{superscript}
```
text_{subscript}

text^{superscript}

Footnote

```
Here is some text[^1].

[^1] someaddress.com
```
Here is some text[1]

Alignment

```
^^^ <
Align Left
This paragraph is used as a sample to demonstrate the difference between
left-aligned text and fit-width text
^^^


^^^ =
Align Center
This paragraph is used as a sample to demonstrate the alignments
^^^


^^^ >
Align Right
This paragraph is used as a sample to demonstrate the alignments
^^^


^^^ ==
Fit Width
This paragraph is used as a sample to demonstrate the difference between
left-aligned text and fit-width text
^^^
```

Align Left
This paragraph is used as a sample to demonstrate the difference between
left-aligned text and fit-width text.

Align Center
This paragraph is used as a sample to demonstrate the alignments.

Align Right
This paragraph is used as a sample to demonstrate the alignments.

Fit Width
This paragraph is used as a sample to demonstrate the difference between
left-aligned text and fit-width text.

Columns

```
``` = = % 2 columns
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
commodo consequat. Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat
cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id
est laborum.
```
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```
``` = = = % 3 columns
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
commodo consequat. Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat
cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id
est laborum.
```
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute irure dolor in reprehenderit in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

```
``` == = % 2 columns with width 2/3 and 1/3
Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod
tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim
veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea
commodo consequat. Duis aute irure dolor in reprehenderit in voluptate
velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat
cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id
est laborum.
```
```

Lorem ipsum dolor sit amet, consectetur adipiscing elit, sed do eiusmod tempor incididunt ut labore et dolore magna aliqua. Ut enim ad minim veniam, quis nostrud exercitation ullamco laboris nisi ut aliquip ex ea commodo consequat. Duis aute in voluptate velit esse cillum dolore eu fugiat nulla pariatur. Excepteur sint occaecat cupidatat non proident, sunt in culpa qui officia deserunt mollit anim id est laborum.

Table

```
| th | th | th |
|====|:==:|===:| %uses colons to align columns
| hd | hd | hd |
|----|----|----| %use "---" to split the rows
| hd | hd | hd | %lines at even number will be shadowed


| td | td | td |
```

th	th	th
hd	hd	hd
hd	hd	hd

td	td	td

```
| td | td | td |
| td | td | td |

| td | td | td |
|----|----|----|
| text \\ text | td | td| %use "\\" to start a new line

| th       | th |
|====|====|====|
| th | th | th |
|----|----|----|
| td       | td |
|          |----|
|          | td |
```

td	td	td
td	td	td

td	td	td
text text	td	td

th		th
th	th	th
td		td
		td

Math Equations

```
$1$, $\int_{- \infty}^{\infty} \frac{1}{x^2} \, dx$ % in line math equation

$$\int_{- \infty}^{\infty} \frac{1}{x^2} \, dx$$ % center aligned math
equation
```

$$1, \int_{-\infty}^{\infty} \frac{1}{x^2} \, dx$$

$$\int_{-\infty}^{\infty} \frac{1}{x^2} \, dx$$

Comments

```
Text % This is a comment

%% Comment that is
on multiple lines%%
Text
```

Escapes

```
\% will show a % sign
\\\ will show a \ sign
\` will show a ` sign
```