Format your notes

Obsidian is a Markdown-based note-taking and knowledge base app.

We currently support the formats below:

### Internal linking

Link to a page: [[Internal link]].  
Copy

Link to a page: Internal link.

### Embeds

Embed another file (read more about Embed files). Here's an embedded section:

![[Obsidian#What is Obsidian]]  
Copy

Obsidian > What is Obsidian

### Headers

# This is a heading 1  
## This is a heading 2  
### This is a heading 3   
#### This is a heading 4  
##### This is a heading 5  
###### This is a heading 6  
Copy

# This is a heading 1

## This is a heading 2

### This is a heading 3

#### This is a heading 4

##### This is a heading 5

###### This is a heading 6

### Emphasis

\*This text will be italic\*  
\_This will also be italic\_  
Copy

*This text will be italic* *This will also be italic*

\*\*This text will be bold\*\*  
\_\_This will also be bold\_\_  
Copy

**This text will be bold** **This will also be bold**

\_You \*\*can\*\* combine them\_  
Copy

*You* ***can*** *combine them*

### Lists

- Item 1  
- Item 2  
 - Item 2a  
 - Item 2b  
  
1. Item 1  
1. Item 2  
1. Item 3  
 1. Item 3a  
 1. Item 3b  
Copy

* Item 1
* Item 2
  + Item 2a
  + Item 2b

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

### Images

![Engelbart](https://history-computer.com/ModernComputer/Basis/images/Engelbart.jpg)  
Copy

Engelbart

#### Resizing images

Example of this above image resized to 100 pixels wide:

![Engelbart|100](https://history-computer.com/ModernComputer/Basis/images/Engelbart.jpg)  
Copy

Engelbart

### Links

#### External links

Markdown style links can be used to refer to either external objects, such as web pages, or an internal page or image.

http://obsidian.md - automatic!  
[Obsidian](http://obsidian.md)  
Copy

<http://obsidian.md> - automatic! [Obsidian](http://obsidian.md)

#### Obsidian URI links

Obsidian URI links can be used to open notes in Obsidian either from another Obsidian vault or another program.

For example, you can link to a file in a vault like so (please note the required encoding):

[Link to note](obsidian://open?path=D:%2Fpath%2Fto%2Ffile.md)  
Copy

[Link to note](obsidian://open?path=D:%2Fpath%2Fto%2Ffile.md)

You can link to a note by its vault name and file name instead of path as well:

[Link to note](obsidian://open?vault=MainVault&file=MyNote.md)  
Copy

[Link to note](obsidian://open?vault=MainVault&file=MyNote.md)

#### Escaping

If there are spaces in the url, they can be escaped by either using %20 as a space, such as:

[Export options](Pasted%20image)  
Copy

Export options

Or you can enclose the target in <>, such as:

[Slides Demo](<Slides Demo>)  
Copy

Slides Demo

### Blockquotes

> Human beings face ever more complex and urgent problems, and their effectiveness in dealing with these problems is a matter that is critical to the stability and continued progress of society.  
  
\- Doug Engelbart, 1961  
Copy

Human beings face ever more complex and urgent problems, and their effectiveness in dealing with these problems is a matter that is critical to the stability and continued progress of society.

- Doug Engelbart, 1961

### Inline code

Text inside `backticks` on a line will be formatted like code.  
Copy

Text inside backticks on a line will be formatted like code.

### Code blocks

Syntax highlight is supported with the language specified after the first set of backticks. We use prismjs for syntax highlighting, a list of supported languages can be found [at their site](https://prismjs.com/#supported-languages)

```js  
function fancyAlert(arg) {  
 if(arg) {  
 $.facebox({div:'#foo'})  
 }  
}  
```Copy

function fancyAlert(arg) {  
 if(arg) {  
 $.facebox({div:'#foo'})  
 }  
}  
Copy

Text indented with a tab is formatted like this, and will also look like a code block in preview.   
Copy

Text indented with a tab is formatted like this, and will also look like a code block in preview.   
Copy

### Task list

- [x] #tags, [links](), \*\*formatting\*\* supported  
- [x] list syntax required (any unordered or ordered list supported)  
- [x] this is a complete item  
- [?] this is also a complete item (works with every character)  
- [ ] this is an incomplete item  
- [ ] tasks can be clicked in Preview to be checked off  
Copy

* #tags, links, **formatting** supported
* list syntax required (any unordered or ordered list supported)
* this is a complete item
* this is also a complete item (works with every character)
* this is an incomplete item
* tasks can be clicked in Preview to be checked off

### Tables

You can create tables by assembling a list of words and dividing them with hyphens - (for the first row), and then separating each column with a pipe |:

First Header | Second Header  
------------ | ------------  
Content from cell 1 | Content from cell 2  
Content in the first column | Content in the second column  
Copy

| First Header | Second Header |
| --- | --- |
| Content from cell 1 | Content from cell 2 |
| Content in the first column | Content in the second column |

Tables can be justified with a colon | Another example with a long title  
:----------------|-------------:  
because of the `:` | these will be justified  
  
If you put links in tables, they will work, but if you use Piped Links, the pipe must be escaped with a `\` to prevent it being read as a table element.  
Copy

| Tables can be justified with a colon | Another example with a long title |
| --- | --- |
| because of the : | these will be justified |

If you put links in tables, they will work, but if you use Piped Links, the pipe must be escaped with a \ to prevent it being read as a table element.

First Header | Second Header  
------------ | ------------  
[[Format your notes\|Formatting]] | [[Keyboard shortcuts\|hotkeys]]  
Copy

| First Header | Second Header |
| --- | --- |
| Formatting | hotkeys |

### Strikethrough

Any word wrapped with two tildes (like ~~this~~) will appear crossed out.  
Copy

Any word wrapped with two tildes (like ~~this~~) will appear crossed out.

### Highlighting

Use two equal signs to ==highlight text==.  
Copy

Use two equal signs to highlight text.

### Footnotes

Here's a simple footnote,[^1] and here's a longer one.[^bignote]  
  
[^1]: meaningful!  
  
[^bignote]: Here's one with multiple paragraphs and code.  
  
 Indent paragraphs to include them in the footnote.  
  
 `{ my code }`  
  
 Add as many paragraphs as you like.  
Copy

Here's a simple footnote,[1] and here's a longer one.[2]

You can also use inline footnotes. ^[notice that the carat goes outside of the brackets on this one.]  
Copy

You can also use inline footnotes. [3]

### Math

$$\begin{vmatrix}a & b\\  
c & d  
\end{vmatrix}=ad-bc$$  
Copy

You can also do inline math like .

Obsidian uses [Mathjax](http://docs.mathjax.org/en/latest/basic/mathjax.html). You can check which packages are supported in Mathjax [here](http://docs.mathjax.org/en/latest/input/tex/extensions/index.html).

### Comments

Use %% to enclose comments, which will be parsed as Markdown, but will not show up in the preview.

Here is some inline comments: %%You can't see this text%% (Can't see it)  
  
Here is a block comment:  
%%  
It can span  
multiple lines  
%%  
Copy

Here is some inline comments: (can't see it in preview)

Here is a block comment: (can't see it in preview either)

### Diagram

Obsidian uses [Mermaid](https://mermaid-js.github.io/) to render diagrams and charts. Mermaid also provides [a helpful live editor](https://mermaid-js.github.io/mermaid-live-editor).

```mermaid  
sequenceDiagram  
 Alice->>+John: Hello John, how are you?  
 Alice->>+John: John, can you hear me?  
 John-->>-Alice: Hi Alice, I can hear you!  
 John-->>-Alice: I feel great!  
```Copy

![](data:image/png;base64;base64,)

Obsidian supports linking to notes in Mermaid:

```mermaid  
graph TD  
  
Biology --> Chemistry  
  
class Biology,Chemistry internal-link;  
```Copy

An easier way to do it is the following:

```mermaid  
graph TD  
  
A[Biology]  
B[Chemistry]  
  
A --> B  
  
class A,B,C,D,E,F,G,H,I,J,K,L,M,N,O,P,Q,R,S,T,U,V,W,X,Y,Z internal-link;  
```Copy

This way, all the note names (at least until Z[note name]) are all automatically assigned the class internal-link when you use this snippet.

If you use special characters in your note names, you need to put the note name in double quotes. "⨳ special character" It looks like this if you follow the second option: A["⨳ special character"]

## Developer notes

We strive for maximum capability without breaking any existing formats, therefore we use a slightly unorthodox combination of flavors of markdown. It is broadly CommonMark, with the addition of some functionality from GitHub Flavored Markdown (GFM), some latex support, and our chosen embed syntax, which you can read more about at Accepted file formats.

1. meaningful!

1. Here's one with multiple paragraphs and code.
2. Indent paragraphs to include them in the footnote.
3. { my code }
4. Add as many paragraphs as you like.
5. notice that the carat goes outside of the brackets on this one.