

Hexo Butterfly Markdown Examples

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FirstH3

This should be the top text.
This is a link a gif using pCloud share link:



Figure 1: image using pCloud link

This is a header3

And let's try some texts

This is a footnote inline ¹

This is an inline $x^2 + y = f(x)$ and another inline $\frac{a}{b} + x_1 + \alpha * b + \omega * x_i$ and.

```
\begin{equation}\label{eq1}
f(x)=\frac{a}{b}+x_1+\alpha*b+\omega*x_i
\end{equation}
```

End of lines.

```
\begin{equation}\label{eq2}
\begin{aligned}
a &= b + c \\
&= d + e + f + g \\
&= h + i
\end{aligned}
\end{equation}
```

Ends.

AnotherHeader3

Another formular (note that this formula is not using `\begin{equation}` so it's not numbered when the mathjax setting tags: ams is set.)

```
i\hbar\frac{\partial}{\partial t}\psi=-\frac{\hbar^2}{2m}\nabla^2\psi+V\psi
```

And Latex code: (I used `\begin{eqnarray*}` to ignore the equation numbers, without the asterisk symbol it will number each equation below)

```
\begin{eqnarray*}
\nabla\cdot\vec{E}&=&\frac{\rho}{\epsilon_0}\\\\
\nabla\cdot\vec{B}&=&0\\\\
\nabla\times\vec{E}&=&-\frac{\partial B}{\partial t}\\\\
\nabla\times\vec{B}&=&\mu_0\left(\vec{J}+\epsilon_0\frac{\partial E}{\partial t}\right)\\\\
\end{eqnarray*}
```

OK, now that I have a few labels, I'll refer to equation 1 as ``$\eqref{eq1}$`` like this Eq

The link problem solved!

Use double dot instead of a single dot. Also, when referencing an anchor point, add a slash after the file name, and don't add file type extension.

This is a reference to `../hello-world/#testheaderref` file to the TestHeaderRef header.

¹this is footnote1.

This is a hard code link: hard coded url.

What if there's a white space between letters in the file name?

Now to the `../test_ins_pandoc/#filters` part.

~~This links to the `../test_ins_pandoc.md#task_lists` with the header `Task lists`. Because there's a space, not working.~~

This refers to the id the same task list with id: `../test_ins_pandoc/#task_lists_with_id` part. Yep, it's working when add `Task lists {#task_lists_with_id}` manually set the id.

Now cross ref to the first h3 as the name of the first h3 part.

Now refer to headers with spaces, I believe add `-` would work: `#this-is-a-header3`.

```
{% blockquote %} Lorem ipsum dolor sit amet, consectetur adipiscing elit.
Pellentesque hendrerit lacus ut purus iaculis feugiat. Sed nec tempor elit, quis
aliquam neque. Curabitur sed diam eget dolor fermentum semper at eu lorem.
{% endblockquote %}
```

Some text.

```
{% pullquote [class] %} content {% endpullquote %}
```

This is a block quote from pandoc markdown.

```
    Lorem ipsum dolor sit amet, consectetur adipiscing elit. Pellentesque
    hendrerit lacus ut purus iaculis feugiat. Sed nec tempor elit, quis
    aliquam neque. Curabitur sed diam eget dolor fermentum semper at
    eu lorem.
```

Footnotes

These are footnotes test. So the following are using `inline footnote` `^[footnote text]` to auto generate the footnote number:

This is an inline footnote ².

This is another inline footnote ³.

This is one more inline footnote ⁴.

citations

Citation (Agarwal et al. 2020) and multiple author (Alguliev, Aliguliyev, and Isazade 2013; Allahyari et al. 2017; Anchietta, Cabezudo, and Pardo 2019). Should work.

²inline footnote.

³inline footnote.

⁴inline footnote.

And ~~some~~ more texts. Also in text citation Anchieta, Cabezudo, and Pardo (2019) says something.

Separate multiple citations using ;

Also, add -C or —citeproc as an argument.

Now citations as footnote:

This is cite author @agarwal_neural_2020 using ^([@agarwal_neural_2020]) in foot ⁵.

Now test another ^[@agarwal_neural_2020] in foot ⁶.

Now add some text: in foot ⁷. Now cite with explicit footnote ⁸

. And cite another with brackets ⁹.

This is a list:

1. This is number1
2. This is number2
 1. This is subnumber2
 2. This is subnumber2
3. This is number 3

This is another list:

- What do you think
- This is a list
 - This is a sublist
 - This sis another sublist
- Another list

These are some instructions.

Agarwal, Rishabh, Nicholas Frosst, Xuezhou Zhang, Rich Caruana, and Geoffrey E Hinton. 2020. “Neural Additive Models: Interpretable Machine Learning with Neural Nets.” *arXiv Preprint arXiv:2004.13912*. <https://arxiv.org/pdf/2004.13912>.

Alguliev, Rasim M., Ramiz M. Aliguliyev, and Nijat R. Isazade. 2013. “Multiple Documents Summarization Based on Evolutionary Optimization Algorithm.” *Expert Systems with Applications* 40 (5): 1675–89. <https://doi.org/10.1016/j.eswa.2012.09.014>.

Allahyari, Mehdi, Seyedamin Pouriyeh, Mehdi Assefi, Saeid Safaei, Elizabeth D. Trippe, Juan B. Gutierrez, and Krys Kochut. 2017. “Text Summarization Techniques: A Brief Survey.” *arXiv*, 1707.02268v3. <http://arxiv.org/abs/1707.02268v3>.

⁵((Agarwal et al. 2020))

⁶Agarwal et al. (2020)

⁷in footnote Agarwal et al. (2020)

⁸with brackets (Agarwal et al. 2020).

⁹this is cite Agarwal et al. (2020) and over.

Anchieta, Rafael T., Marco A. S. Cabezudo, and Thiago A. S. Pardo. 2019.
“SEMA: An Extended Semantic Evaluation Metric for AMR.” *arXiv*,
1905.12069v1. <http://arxiv.org/abs/1905.12069v1>.