

Wikib

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1. wiKib*

wiKib is a *markup langage* developed for my own use, because other tools (even if they are **certainly better**) like reSt or Markdown where either too heavy or too limited for writing my blog.

You can translate any wiKib doc to HTML (or LaTeX document, even if this is highly experimental at the time).

The only thing you'll have to do is writing some css or sty file to customize it to your needs.

wiKib is extensible : you can write your own rules for the markup, even if I choose to make a default one.

Table of contents :

1.1. What's new ?

Since v0.8, wiKib evolved a lot to suit my needs in a new version 1.0. The editor I've made with PyQt4 has been abandoned, I think it's easier for you to configure your personal editor for the task.

- Quicker than before ! This document is rendered in XHTML in exactly 0.0713214884814s on my computer : that's not so bad !
- Better approach within the table of contents; handles nested structures and you can even hide some headers if you want too;
- Better paragraphs handling;
- Synonyms are a powerful way to optimize typing the same things again and again;

1.2. Downloading

You can download the preversion of wiKib 1.0 [here](#).

If you're interested in looking at the sources of this page in .kib format, please take a look at it [here](#).

1.3. Requierements

To use wiKib, you only need two things :

- Python > 2.5 ;
- [Pygments](#) ;

1.4. Headers

Headers from level 1 to 6 are supported and included in the wiKib table of contents. If you don't want a header to be included inside the Table, just add a * behind it.

= h1

== h2

=== this one will not be included in the TOC*

I did not include the sample here because it will then be included in the Table.

1.5. Paragraphs

A paragraph is composed of lines of text delimited by a double line ending character.

My first paragraph is like this
whatever I write inside.

This is another paragraph, and
you can force a linebreak with this char /
so that this line is a new one

My first paragraph is like this whatever I write inside.

This is another paragraph, and you can force a linebreak with this char
so that this line is a new one

1.6. Table of contents

It's just a convenient list that you can put anywhere you want. Just write `~~TOC~~` on the start of a single line and you're done ! The result is shown here at the top of this page.

1.7. Formating

`//italics//`

`**bold**`

`__underline__`

`--strikethrough--`

`upper^^text^^`

`lower..text..`

`hrule`

Results in :

//italics/

bold

underline

~~strikethrough~~

upper^{text}

lower_{text}

Of course, you can **combine them** and all can be extended on a paragraph!

```
upper^^//**__text__**//^^
```

gives you this : upper *extbftext*

```
some //text here in /
italics//
```

```
some //text here in
italics/
```

1.8. Maths

Sometimes it is convenient to write a formula inside your page. wikib uses MimeTeX for rendering HTML and of course LaTeX's power for the rest.

```
$2x^2+5x-3$
```

The formula will be rendered in HTML like this (yes, it's a rather ugly image, but publishing maths on the Web is a real pain for the moment): $2x^2 + 5x - 3$

1.9. Links

Just type something like this :

```
[http://kib2.alwaysdata.net/tempo/test.html|wikib page]
```

Here you can go to [wikib page](#).

1.10. Images

You can embed images with a target inside wikib, like the following :

A centered image :

```
[[im http://groups.google.com/group/enclojure/icon?v=1&hl=fr|http://groups.g
```

A left image :

```
[[im http://groups.google.com/group/enclojure/icon?v=1&hl=fr|http://groups.g
```

A right image :

```
[[im http://groups.google.com/group/enclojure/icon?v=1&hl=fr|http://groups.g
```

1.11. Lists

You can build a simple list like this :

Normal lists

The default behaviour is bulleted lists :

```
[list]
- first
- second, you can put whatever you want here, even /
line breaks :-)
- etc
[/list]
```

Results in :

- first
- second, you can put whatever you want here, even
line breaks :-)
- etc

Enumerated lists

enumerated lists :

```
[list=1]
- first
- second
- etc
[/list]
```

Results in :

1. first
2. second
3. etc

Alphabetical lists

alphabetical lists :

```
[list=a]
- first
- second
- etc
[/list]
```

Results in :

- first
- second
- etc

1.12. Inserting inline HTML

Maybe sometimes you'll need to add some particular media in your pages. Use this :

```
[[nowiki]] whatever here [[/nowiki]]=
```

1.13. Quotes

You can quote something like this :

```
[''someone told me : never piss on your pants'']
```

Wich gives :

```
someone told me : never piss on your pants
```

1.14. Monospace

```
{{for i in xrange(10)}}
```

So easy! `for i in xrange(10)`

Note : don't put any wikib markup inside, it will be interpreted.

1.15. Source code

wikib has been made to handle sourcecode by using the fabulous [Pygments](#) library for Python. You just have to look at [pygments documentation to understand how to use it](#).

Here's a sample of a Python code :

```
<div class="highlight"><pre> python
for i in xrange(10): print "i= </pre> </div>
results in :
```

```
for i in xrange (10) :
    print "i=%s"%i
```

1.16. Synonyms

That's a convenient way to avoid typing multiple times the same markup, ie if you're typing an HTML adress.

For example, in this document I've just set these ones at the bottom of my 'kib' doc:

```
[synon]
_wikib --> [http://kib2.alwaysdata.net/tempo/test.html|wiKib]
_toc --> Table
_pyg --> [http://pygments.org/|Pygments]
[/synon]
```

1.17. What's up next ?

Some ideas in the future :

- rewrite wikib : it has been simply designed and now that it has grown, the code is not particularly nice;
- handle author, title, pagebreaks, etc.;
- better maths support in HTML;
- validate all of XHTML (errors are inside images);
- smileys ?

I'll be glad if some Python developper would like to contribute to [wiKib](#) in whatever way. Working alone on a project like this is **really** hard.

1.18. Bugs ?

Yes, there are certainly some inside, so please mail-me at `kibleur dot christophe at gmail dot c`

1.19. Thanks

- to all the people how are using [wiKib](#). Gilles : I greatly appreciated your help;
- to the [Sphinx](#) team : I've litteraly copied their html and css style : sorry for this, I'm really hate working with those file types.
- to [Pygments](#) team for their awesome job;