# Formatting Syntax

DokuWiki supports some simple markup language, which tries to make the datafiles to be as readable as possible. This page contains all possible syntax you may use when editing the pages. Simply have a look at the source of this page by pressing the *Edit this page* button at the top or bottom of the page. If you want to try something, just use the playground page. The simpler markup is easily accessible via quickbuttons, too.

## Basic text formatting

DokuWiki supports **bold**, *italic*, underlined and monospaced texts. Of course you can ***combine*** all these.

```
DokuWiki supports **bold**, //italic//, __underlined__ and ''monospaced''
texts.
Of course you can **__//''combine''//__** all these.
```

You can use subscript and superscript, too.

```
You can use <sub>subscript</sub> and <sup>superscript</sup>, too.
```

You can mark something as ~~deleted~~ as well.

```
You can mark something as <del>deleted</del> as well.
```

**Paragraphs** are created from blank lines. If you want to **force a newline** without a paragraph, you can use two backslashes followed by a whitespace or the end of line.

This is some text with some linebreaks
Note that the two backslashes are only recognized at the end of a line
or followed by
a whitespace \\this happens without it.

```
This is some text with some linebreaks\\ Note that the
two backslashes are only recognized at the end of a line\\
or followed by\\ a whitespace \\this happens without it.
```

You should use forced newlines only if really needed.

## Links

DokuWiki supports multiple ways of creating links.

## External

External links are recognized automagically: http://www.google.com or simply www.google.com - You can set Linknames, too: This Link points to google. Email addresses like this one: andi@splitbrain.org are recognized, too.

```
DokuWiki supports multiple ways of creating links. External links are
recognized
automagically: http://www.google.com or simply www.google.com - You can set
Linknames, too: [[http://www.google.com|This Link points to google]]. Email
addresses like this one: <andi@splitbrain.org> are recognized, too.
```

## Internal

Internal links are created by using square brackets. You can either just give a wiki:pagename or use an additional Title Text. Wiki pagenames are converted to lowercase automatically, special characters are not allowed.

```
Internal links are created by using square brackets. You can either just
give
a [[pagename]] or use an additional [[pagename|Title Text]]. Wiki pagenames
are converted to lowercase automatically, special chars are not allowed.
```

You can use namespaces by using a colon in the pagename.

```
You can use [[wiki:namespaces]] by using a colon in the pagename.
```

For details about namespaces see wiki:namespaces.

Linking to a specific section is possible, too. Just add the section name behind a hash character as known from HTML. This links to this Section.

```
This links to [[syntax#internal|this Section]].
```

Notes:

- Links to existing pages are shown in a different style from nonexisting ones.
- DokuWiki does not use CamelCase to automatically create links by default, but this behaviour can be enabled in the wiki:config file. Hint: If DokuWiki is a link, then it's enabled.
- When a section's heading is changed, its bookmark changes, too. So don't rely on section linking too much.

## Interwiki

DokuWiki supports Interwiki links. These are quick links to other Wikis. For example this is a link to Wikipedia's page about Wikis: Wiki.

```
DokuWiki supports [[doku>wiki:interwiki|Interwiki]] links. These are quick
```

```
links to other Wikis.
For example this is a link to Wikipedia's page about Wikis: [[wp>Wiki]].
```

### Windows Shares

Windows shares like this are recognized, too. Please note that these only make sense in a homogenous user group like a corporate Intranet.

```
Windows Shares like [[\\server\share|this]] are recognized, too.
```

Notes:

- For security reasons direct browsing of windows shares only works in Microsoft Internet Explorer per default (and only in the „local zone“).
- For Mozilla and Firefox it can be enabled through the config option security.checkloaduri but this is not recommended.
- See 151 for more info.

### Image Links

You can also use an image to link to another internal or external page by combining the syntax for links and images (see below) like this:

```
[[http://www.php.net|{{wiki:dokuwiki-128.png}}]]
```

Please note: The image formatting is the only formatting syntax accepted in link names.

The whole image and link syntax is supported (including image resizing, internal and external images and URLs and interwiki links).

## Footnotes

You can add footnotes [1] by using double parentheses.

```
You can add footnotes ((This is a footnote)) by using double parentheses.
```

## Sectioning

You can use up to five different levels of headlines to structure your content. If you have more than three headlines, a table of contents is generated automatically – this can be disabled by including the string ~~NOTOC~~ in the document.

### Headline Level 3

#### Headline Level 4

##### Headline Level 5

```
==== Headline Level 3 ====
=== Headline Level 4 ===
== Headline Level 5 ==
```

By using four or more dashes, you can make a horizontal line:

---

## Images and other files

You can include external and internal wiki:images with curly brackets. Optionally you can specify the size of them.

Real size:

Resize to given width:

Resize to given width and height:

Resized external image:

```
Real size:                        {{wiki:dokuwiki-128.png}}
Resize to given width:            {{wiki:dokuwiki-128.png?50}}
Resize to given width and height: {{wiki:dokuwiki-128.png?200x50}}
Resized external image:
{{http://de3.php.net/images/php.gif?200x50}}
```

By using left or right whitespaces you can choose the alignment.







```
{{ wiki:dokuwiki-128.png}}
{{wiki:dokuwiki-128.png }}
{{ wiki:dokuwiki-128.png }}
```

Of course, you can add a title (displayed as a tooltip by most browsers), too.



```
{{ wiki:dokuwiki-128.png |This is the caption}}
```

If you specify a filename (external or internal) that is not an image (`gif, jpeg, png`), then it will be displayed as a link instead.

For linking an image to another page see Image Links above.

## Lists

Dokuwiki supports ordered and unordered lists. To create a list item, indent your text by two spaces and use a * for unordered lists or a `-` for ordered ones.

- This is a list
- The second item
  - You may have different levels
- Another item

1. The same list but ordered
2. Another item
   1. Just use indention for deeper levels
3. That's it

```
* This is a list
* The second item
  * You may have different levels
* Another item

- The same list but ordered
- Another item
  - Just use indention for deeper levels
- That's it
```

## Smileys

DokuWiki converts commonly used Wemoticons to their graphical equivalents. More smileys can be placed in the `smiley` directory and configured in the `conf/smileys.conf` file. Here is an overview of Smileys included in DokuWiki.

- 8-)
- 8-O
- :-(
- :-)

-  =)
-  :-/
-  :-\
-  :-?
-  :-D
-  :-P
-  :-O
-  :-X
-  :-|
-  ;-)
-  ^_^
-  :?:
-  :!:
-  LOL
-  FIXME
-  DELETEME

## Typography

DokuWiki can convert simple text characters to their typographically correct entities. Here is an example of recognized characters.

→ ← ↔ ⇒ ⇐ ⇔ » « – — 640×480 © ™ ® „He thought 'It's a man's world'...“

```
-> <- <-> => <= <=> >> << -- --- 640x480 (c) (tm) (r)
"He thought 'It's a man's world'..."
```

Please note: These conversions can be turned off through a config option and a pattern file.

# Quoting

Some times you want to mark some text to show it's a reply or comment. You can use the following syntax:

```
I think we should do it

> No we shouldn't

>> Well, I say we should

> Really?

>> Yes!

>>> Then lets do it!
```

I think we should do it

> No we shouldn't
>
> > Well, I say we should
>
> Really?
>
> > Yes!
> >
> > > Then lets do it!

# Tables

DokuWiki supports a simple syntax to create tables.

| **Heading 1** | **Heading 2** | **Heading 3** |
|---|---|---|
| Row 1 Col 1 | Row 1 Col 2 | Row 1 Col 3 |
| Row 2 Col 1 | some colspan (note the double pipe) | |
| Row 3 Col 1 | Row 2 Col 2 | Row 2 Col 3 |

Table rows have to start and end with a | for normal rows or a ^ for headers.

```
^ Heading 1      ^ Heading 2       ^ Heading 3          ^
| Row 1 Col 1    | Row 1 Col 2     | Row 1 Col 3        |
| Row 2 Col 1    | some colspan (note the double pipe) ||
| Row 3 Col 1    | Row 2 Col 2     | Row 2 Col 3        |
```

To connect cells horizontally, just make the next cell completely empty as shown above. Be sure to have always the same amount of cell separators!

Vertical tableheaders are possible, too.

| | **Heading 1** | **Heading 2** |
|---|---|---|
| **Heading 3** | Row 1 Col 2 | Row 1 Col 3 |
| **Heading 4** | no colspan this time | |
| **Heading 5** | Row 2 Col 2 | Row 2 Col 3 |

As you can see, it's the cell separator before a cell which decides about the formatting:

```
|              ^ Heading 1            ^ Heading 2          ^
^ Heading 3    | Row 1 Col 2          | Row 1 Col 3        |
^ Heading 4    | no colspan this time |                    |
^ Heading 5    | Row 2 Col 2          | Row 2 Col 3        |
```

Note: Vertical spans (rowspan) are not possible.

You can align the table contents, too. Just add at least two whitespaces at the opposite end of your text: Add two spaces on the left to align right, two spaces on the right to align left and two spaces at least at both ends for centered text.

| **Table with alignment** | | |
|---|---|---|
| right | center | left |
| left | right | center |
| xxxxxxxxxxxx | xxxxxxxxxxxx | xxxxxxxxxxxx |

This is how it looks in the source:

```
^           Table with alignment           ^^^
|         right|    center    |left           |
|left          |         right|    center    |
| xxxxxxxxxxxx | xxxxxxxxxxxx | xxxxxxxxxxxx |
```

# Non-parsed Blocks

You can include non-parsed blocks into your documents by either indenting them by at least two spaces (like used for the previous examples) or by using the tags `code` or `file`.

```
This is preformatted code all spaces are preserved: like              <-this
```

```
This is pretty much the same, but you could use it to show that you quoted a
file.
```

To let the parser ignore an area completely (ie. do no formatting on it), enclose the area either with `nowiki` tags or even simpler, with double percent signs `%%`.

This is some text which contains addresses like this: http://www.splitbrain.org and **formatting**, but nothing is done with it.

See the source of this page to see how to use these blocks.

# Syntax Highlighting

DokuWiki can highlight sourcecode, which makes it easier to read. It uses the GeSHi Generic Syntax Highlighter – so any language supported by GeSHi is supported. The syntax is the same like in the code block in the previous section, but this time the name of the used language is inserted inside the tag. Eg. <code java>.

```
/**
 * The HelloWorldApp class implements an application that
 * simply displays "Hello World!" to the standard output.
 */
class HelloWorldApp {
    public static void main(String[] args) {
        System.out.println("Hello World!"); //Display the string.
    }
}
```

The following language strings are currently recognized: *abap actionscript-french, actionscript, ada, apache, applescript, asm, asp, autoit, bash, basic4gl, blitzbasic, bnf, caddcl, cadlisp, cfdg, cfm, c_mac, c, cpp, cpp-qt, csharp, css, delphi, diff, div, dos, dot, d, eiffel, fortran, freebasic, genero, gml, groovy, haskell, html, idl, ini, inno, io, java5, java, javascript, latex, lisp, lua, m68k, matlab, mirc, mpasm, mysql, nsis, objc, ocaml-brief, ocaml, oobas, oracle8, pascal, perl, per, php-brief, php, plsql, python, qbasic, rails, reg, robots, ruby, sas, scheme, sdlbasic, smalltalk, smarty, sql, tcl, text, thinbasic, tsql, vbnet, vb, vhdl, visualfoxpro, winbatch, xml, xpp, z80*

# RSS/ATOM Feed Aggregation

DokuWiki can integrate data from external XML feeds. For parsing the XML feeds, SimplePie is used. All formats understood by SimplePie can be used in DokuWiki as well. You can influence the rendering by multiple additional space separated parameters:

| Parameter | Description |
|---|---|
| any number | will be used as maximum number items to show, defaults to 8 |
| reverse | display the last items in the feed first |
| author | show item authors names |
| date | show item dates |
| description | show the item description. If HTML is disabled all tags will be stripped |
| *n*[dhm] | refresh period, where d=days, h=hours, m=minutes. (e.g. 12h = 12 hours). |

The refresh period defaults to 4 hours. Any value below 10 minutes will be treated as 10 minutes. DokuWiki will generally try to supply a cached version of a page, obviously this is inappropriate when the page contains dynamic external content. The parameter tells DokuWiki to re-render the page if it is more than *refresh period* since the page was last rendered.

**Example:**

```
{{rss>http://slashdot.org/index.rss 5 author date 1h }}
```

- Should AI Agents Be Classified As People? von BeauHD (2026/01/13 00:30)
- Meta Plans To Cut Around 10% of Employees In Reality Labs Division von BeauHD (2026/01/12 23:50)
- Supreme Court Takes Case That Could Strip FCC of Authority To Issue Fines von BeauHD (2026/01/12 23:10)
- How Markdown Took Over the World von msmash (2026/01/12 22:25)
- Microsoft Pulls the Plug On Its Free, Two-Decade-Old Windows Deployment Toolkit von msmash (2026/01/12 21:50)

## Embedding HTML and PHP

You can embed raw HTML or PHP code into your documents by using the `html` or `php` tags like this:

```
<html>
This is some <span style="color:red;font-size:150%;">inline HTML</span>
</html>
<HTML>
<p style="border:2px dashed red;">And this is some block HTML</p>
</HTML>
```

<html> This is some inline HTML </html> <HTML> <p style=„border:2px dashed red;“>And this is some block HTML</p> </HTML>

```
<php>
echo 'A logo generated by PHP:';
echo '<img src="' . $_SERVER['PHP_SELF'] . '?=' . php_logo_guid() . '"
alt="PHP Logo !" />';
echo '(generated inline HTML)';
</php>
<PHP>
echo '<table class="inline"><tr><td>The same, but inside a block level
element:</td>';
echo '<td><img src="' . $_SERVER['PHP_SELF'] . '?=' . php_logo_guid() . '"
alt="PHP Logo !" /></td>';
echo '</tr></table>';
</PHP>
```

<php> echo 'A logo generated by PHP:'; echo '<img src=„' . $_SERVER['PHP_SELF'] . '?=' . php_logo_guid() . '“ alt=„PHP Logo !“ />'; echo '(inline HTML)'; </php> <PHP> echo '<table class=„inline“><tr><td>The same, but inside a block level element:</td>'; echo '<td><img src=„' . $_SERVER['PHP_SELF'] . '?=' . php_logo_guid() . '“ alt=„PHP Logo !“ /></td>'; echo '</tr></table>'; </PHP>

**Please Note**: HTML and PHP embedding is disabled by default in the configuration. If disabled, the code is displayed instead of executed.

# Control Macros

Some syntax influences how DokuWiki renders a page without creating any output it self. The following control macros are availble:

| Macro | Description |
|---|---|
| ~~NOTOC~~ | If this macro is found on the page, no table of contents will be created |
| ~~NOCACHE~~ | DokuWiki caches all output by default. Sometimes this might not be wanted (eg. when the <php> syntax above is used), adding this macro will force DokuWiki to rerender a page on every call |

# Syntax Plugins

DokuWiki's syntax can be extended by Plugins. How the installed plugins are used is described on their appropriate description pages. The following syntax plugins are available in this particular DokuWiki installation:

- BPMN.io Plugin *2025-10-15* von Jaap de Haan
  Renders BPMN or DMN xml using the bpmn.io js library
- Bureaucracy Plugin *2025-03-06* von Andreas Gohr
  Create forms and generate pages or emails from them
- Changes Plugin *2023-12-14* von Andreas Gohr
  List the most recent changes of the wiki
- Cloud Plugin *2023-02-11* von Michael Hamann, Michael Klier, Gina Haeussge
  Displays the most used words in a word cloud.
- Structured Data Plugin *2024-01-30* von Andreas Gohr
  Add and query structured data in your wiki
- discussion plugin *2025-07-04* von Michael Hamann, Gerrit Uitslag, Gina Häussge, Christopher Smith, Michael Klier, Esther Brunner, Matthias Schulte
  Provides discussion funtionality for wiki pages
- Dw2Pdf plugin *2026-01-08* von Andreas Gohr and Luigi Micco
  DokuWiki to PDF converter
- folded plugin *2023-07-22* von Michael Hamann, Fabian van-de-l_Isle, Christopher Smith, Esther Brunner
  Foldable page sections
- Graphviz Plugin *2025-08-27* von Andreas Gohr
  Create graph images from Graphviz dot language
- include plugin *2025-07-22* von Michael Hamann, Gina Häussge, Christopher Smith, Michael Klier, Esther Brunner
  Functions to include another page in a wiki page
- Indexmenu Plugin *2024-01-05* von Samuele Tognini, Gerrit Uitslag
  Show a customizable and sortable index for a namespace
- Info Plugin *2020-06-04* von Andreas Gohr
  Displays information about various DokuWiki internals
- Open Document Plugin *2023-03-03* von Andreas Gohr, Aurelien Bompard, Florian Lamml, LarsDW223
  Export the current Wiki page to a OpenOffice ODT file
- Pagelist Plugin *2023-08-27* von Matthias Schulte, Michael Hamann, Michael Klier, Gina Haeussge
  Lists pages in a nice formatted way

- Snippets Plugin *2022-10-07* von Myron Turner
  Provides toolbar button+popup for template insertion; can track and insert sinppet updates
- sortablejs *2025-12-09* von vaxquis
  Allow sorting tables by columns
- struct plugin *2025-09-24* von Andreas Gohr, Michael Große, Anna Dabrowska
  Add and query additional structured page data
- Tag Plugin *2023-10-17* von Michael Hamann, Gina Häussge, Christopher Smith, Michael Klier, Esther Brunner
  tag wiki pages
- Video Sharing Site Plugin *2025-12-10* von Andreas Gohr
  Easily embed videos from various Video Sharing sites. Example: {{youtube>XXXXXX}}
- Wrap Plugin *2023-08-13* von Anika Henke
  Universal plugin which combines functionalities of many other plugins. Wrap wiki text inside containers (divs or spans) and give them a class (choose from a variety of preset classes), a width and/or a language with its associated text direction.

[1)]
This is a footnote

From:
https://wiki.zhdk.ch/vbk/ - **vbk**

Permanent link:
**https://wiki.zhdk.ch/vbk/doku.php?id=wiki:syntax**

Last update: **2008/05/05 19:10**