Editing Mode

- In order to edit this site, you must first Log In.
- After that, the “pen icon” will appear on the right, which allows you to edit the entire page.
- Alternatively, each section will have an Edit button that allows you to edit only that section.

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 “Edit this 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 ,monospaced, and ~~deleted~~ texts. Of course you can ***~~combine~~*** all these.

```
**bold**
//italic//
__underlined__
''monospaced''
<del>deleted</del>
<del>**__//''combine''//__**</del>
```

- You can use subscript _{subscript} and superscript ^{superscript} too.

Extra plugins were also installed to:

- Have different colours <fc #ff0000>Have</fc> <fc #008000>different</fc> <fc #ff00ff>Colours</fc>
- Change the size from really small to really big
  <fs xx-small>really small</fs> to <fs xx-large>really big</fs>
- Use Serif or Sans-serif fonts <ff serif>Serif</ff> or <ff sans-serif>Sans-serif</ff>
- And a lot more using the Wrap pluging

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

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: https://www.google.com or simply www.google.com - You can set the link text as well: 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: https://www.google.com or simply www.google.com - You can set
link text as well: [[https://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 like this: newpage `[[./newpage/]]`. This will create a folder (or namespace) called “newpage” and put a “home” page in it. The advantage of creating a folder for every new page is that pictures and files will automatically be organized by those folders.

To name a link, use a | like this New Page `[[./newpage/ |New Page]]`.

When the link is red (like those above), it means that the page doesn't exist yet. To create it, simply click on the link to navigate to the new page. When a link exist, it's green like this page `[[./home |this page]]`.

To link to a specific section within a page, use # like this section `[[./home#internal |this section]]`.

Interwiki

DokuWiki supports Interwiki `[[doku>Interwiki]]` links. These are quick links to other Wikis. For example this is a link to Wikipedia's page about Amateur Radio: Amateur_radio `[[wp>Amateur_radio]]`

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:

```
[[https://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:

Media Files

You can include external and internal images, videos and audio files with curly brackets. Optionally you can specify the size of them.

Real size:

Resize to given width:

Resize to given width and height[2]:

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:         {{https://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}}
```

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

Supported Media Formats

DokuWiki can embed the following media formats directly.

Image	`gif`, `jpg`, `png`
Video	`webm`, `ogv`, `mp4`
Audio	`ogg`, `mp3`, `wav`
Flash	`swf`

If you specify a filename that is not a supported media format, then it will be displayed as a link instead.

By adding `?linkonly` you provide a link to the media without displaying it inline

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

dokuwiki-128.png This is just a link to the image.

Fallback Formats

Unfortunately not all browsers understand all video and audio formats. To mitigate the problem, you can upload

your file in different formats for maximum browser compatibility.

For example consider this embedded mp4 video:

```
{{video.mp4|A funny video}}
```

When you upload a `video.webm` and `video.ogv` next to the referenced `video.mp4`, DokuWiki will automatically add them as alternatives so that one of the three files is understood by your browser.

Additionally DokuWiki supports a “poster” image which will be shown before the video has started. That image needs to have the same filename as the video and be either a jpg or png file. In the example above a `video.jpg` file would work.

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
```

Also take a look at the FAQ on list items.

Text Conversions

DokuWiki can convert certain pre-defined characters or strings into images or other text or HTML.

The text to image conversion is mainly done for smileys. And the text to HTML conversion is used for typography replacements, but can be configured to use other HTML as well.

Text to Image Conversions

DokuWiki converts commonly used emoticons to their graphical equivalents. Those Smileys and other images can be configured and extended. Here is an overview of Smileys included in DokuWiki:

- 8-)
- 8-O
- :-(
- :-)
- =)
- :-/
- :-\
- :-?
- :-D
- :-P
- :-O
- :-X
- :-|
- ;-)
- ^_^
- :?:
- :!:
- LOL

-

FIXME
-

DELETEME

Text to HTML Conversions

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

→ ← ↔ ⇒ ⇐ ⇔ ” “ – – 640×480 © ™ (r) “He thought 'It's a man's world'...”

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

The same can be done to produce any kind of HTML, it just needs to be added to the pattern file.

There are three exceptions which do not come from that pattern file: multiplication entity (640×480), 'single' and “double quotes”. They can be turned off through a config option.

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 3 Col 2	Row 3 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 3 Col 2     | Row 3 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        |
```

You can have rowspans (vertically connected cells) by adding `:::` into the cells below the one to which they should connect.

Heading 1	**Heading 2**	**Heading 3**
Row 1 Col 1		Row 1 Col 3
Row 2 Col 1	this cell spans vertically	Row 2 Col 3
Row 3 Col 1		Row 2 Col 3

Apart from the rowspan syntax those cells should not contain anything else.

```
^ Heading 1      ^ Heading 2                  ^ Heading 3          ^
| Row 1 Col 1    | this cell spans vertically | Row 1 Col 3        |
| Row 2 Col 1    | :::                        | Row 2 Col 3        |
| Row 3 Col 1    | :::                        | Row 2 Col 3        |
```

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
xxxxxxxxxxx	xxxxxxxxxxx	xxxxxxxxxxx

This is how it looks in the source:

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

Note: Vertical alignment is not supported.

No Formatting

If you need to display text exactly like it is typed (without any formatting), enclose the area either with <nowiki> tags or even simpler, with double percent signs %%.

This is some text which contains addresses like this: https://www.splitbrain.org and **formatting**, but nothing is done with it. The same is true for //__this__ text// with a smiley ;-).

```
<nowiki>
This is some text which contains addresses like this: https://www.splitbrain.org and
**formatting**, but nothing is done with it.
</nowiki>
The same is true for %%//__this__ text// with a smiley ;-)%%.
```

Code Blocks

You can include code 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 text is indented by two spaces.
```

<pcode> This is preformatted code all spaces are preserved: like ←this </code>

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

Those blocks were created by this source:

```
  This is text is indented by two spaces.
```

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

```

```
</code>
```

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

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 uses the same code and file blocks described in the previous section, but this time the name of the language syntax to be highlighted is included inside the tag, e.g. `<code java>` or `<file java>`.

```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:

```
4cs 6502acme 6502kickass 6502tasm 68000devpac abap actionscript3 actionscript ada
aimms algol68 apache applescript apt_sources arm asm asp asymptote autoconf
autohotkey autoit avisynth awk bascomavr bash basic4gl batch bf biblatex bibtex
blitzbasic bnf boo caddcl cadlisp ceylon cfdg cfm chaiscript chapel cil
c_loadrunner clojure c_mac cmake cobol coffeescript c cpp cpp-qt cpp-winapi
csharp css cuesheet c_winapi dart dcl dcpu16 dcs delphi diff div dos dot d
ecmascript eiffel email epc e erlang euphoria ezt f1 falcon fo fortran freebasic
freeswitch fsharp gambas gdb genero genie gettext glsl gml gnuplot go groovy
gwbasic haskell haxe hicest hq9plus html html4strict html5 icon idl ini inno
intercal io ispfpanel java5 java javascript jcl j jquery julia kixtart klonec
klonecpp kotlin latex lb ldif lisp llvm locobasic logtalk lolcode lotusformulas
lotusscript lscript lsl2 lua m68k magiksf make mapbasic mathematica matlab
mercury metapost mirc mk-61 mmix modula2 modula3 mpasm mxml mysql nagios netrexx
newlisp nginx nimrod nsis oberon2 objc objeck ocaml-brief ocaml octave oobas
oorexx oracle11 oracle8 oxygene oz parasail parigp pascal pcre perl6 perl per pf
phix php-brief php pic16 pike pixelbender pli plsql postgresql postscript povray
powerbuilder powershell proftpd progress prolog properties providex purebasic
pycon pys60 python qbasic qml q racket rails rbs rebol reg rexx robots rpmspec
rsplus ruby rust sas sass scala scheme scilab scl sdlbasic smalltalk smarty spark
sparql sql standardml stonescript swift systemverilog tclegg tcl teraterm
texgraph text thinbasic tsql twig typoscript unicon upc urbi uscript vala vbnet
vb vbscript vedit verilog vhdl vim visualfoxpro visualprolog whitespace whois
winbatch xbasic xml xojo xorg_conf xpp yaml z80 zxbasic
```

There are additional advanced options available for syntax highlighting, such as highlighting lines or adding line numbers.

Downloadable Code Blocks

When you use the <code> or <file> syntax as above, you might want to make the shown code available for download as well. You can do this by specifying a file name after language code like this:

```
<file php myexample.php>
<?php echo "hello world!"; ?>
</file>
```

myexample.php

```php
<?php echo "hello world!"; ?>
```

If you don't want any highlighting but want a downloadable file, specify a dash (-) as the language code: <code - myfile.foo>.

Embedding HTML and PHP

You can embed raw HTML or PHP code into your documents by using the <html> or <php> tags. (Use uppercase tags if you need to enclose block level elements.)

HTML example:

```
<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>
```

This is some inline HTML

And this is some block HTML

PHP example:

```
<php>
echo 'The PHP version: ';
echo phpversion();
echo ' (generated inline HTML)';
</php>
<PHP>
echo '<table class="inline"><tr><td>The same, but inside a block level element:</td>';
```

```
echo '<td>'.phpversion().'</td>';
echo '</tr></table>';
</PHP>
```

<php> echo 'The PHP version: '; echo phpversion(); echo ' (inline HTML)'; </php> <PHP> echo '<table class="inline"><tr><td>The same, but inside a block level element:</td>'; echo '<td>'.phpversion().'</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.

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
nosort	do not sort the items in the feed
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.

By default the feed will be sorted by date, newest items first. You can sort it by oldest first using the `reverse` parameter, or display the feed as is with `nosort`.

Example:

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

- FTC Probes Whether Ticketmaster Does Enough To Stop Resale Bots by BeauHD (2025/09/15 18:25)
- 'Meta Ray-Ban Display' Glasses Design, HUD Clips Leak by BeauHD (2025/09/15 17:45)
- Robinhood Plans To Launch a Startups Fund Open To All Retail Investors by BeauHD (2025/09/15 17:02)
- Vibe Coding Has Turned Senior Devs Into 'AI Babysitters' by BeauHD (2025/09/15 16:20)
- Internet Archive Ends Legal Battle With Record Labels Over Historic Recordings by BeauHD (2025/09/15 15:40)

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:

- Blockquote Plugin *2020-09-27* by Anika Henke (previous author: Gina Haeussge)
  Write quotations in a semantically correct way
- Blog *2023-10-24* by Michael Hamann, Michael Klier, Gina Haeussge
  Use DokuWiki as blogging tool. (previous authors: Esther Brunner)
- Changes Plugin *2023-12-14* by Andreas Gohr
  List the most recent changes of the wiki
- comment *2023-08-18* by Gina Häußge, Michael Klier
  Add comments/notes to your wiki source that won't be shown on the page.
- config:htmlok Plugin *2023-07-12* by Luis Machuca Bezzaza
  Enables raw HTML like the old 'config:htmlok' behaviour.
- Structured Data Plugin *2024-01-30* by Andreas Gohr
  Add and query structured data in your wiki
- date plugin *2016-08-28* by Marcel Pietschmann
  Wrapper about the php command strftime and date
- Diagrams plugin *2023-12-14* by Innovakom + CosmoCode
  Embed diagrams.net editor (formerly draw.io)
- discussion plugin *2021-12-31* by Michael Hamann, Gerrit Uitslag, Gina Häussge, Christopher Smith, Michael Klier, Esther Brunner, Matthias Schulte
  Provides discussion funtionality for wiki pages
- Dw2Pdf plugin *2023-11-25* by Andreas Gohr and Luigi Micco
  DokuWiki to PDF converter
- geogebra6 syntax plugin *2020-11-08* by Patrick Truchon
  Embed GeoGebra 6 files into Dokuwiki
- hidden Plugin *2023-11-07* by Guillaume Turri
  Enable to hide/show details
- include plugin *2023-09-22* by Michael Hamann, Gina Häussge, Christopher Smith, Michael Klier, Esther Brunner
  Functions to include another page in a wiki page
- Info Plugin *2020-06-04* by Andreas Gohr
  Displays information about various DokuWiki internals
- keyboard *2023-02-23* by Gina Häußge
  The keyboard plugin provides a combined syntax and action plugin in order to markup text as keyboard keys, similar to (and making use of) the existing (X)HTML tag <kbd>…</kbd>. A quick button for the markup is automatically inserted into the toolbar of the edit form.
- Lastmod Plugin *2016-02-03* by Dennis Ploeger

Displays the timestamp of the last modification of the current or another page.

- MathJax plugin *2021-11-20* by Mark Liffiton
  Enables MathJax (https://www.mathjax.org/) parsing of TeX math expressions in wiki pages
- Pagebreak plugin *2016-02-16* by Jonathan McBride and Chris Sturm
  Inserts " <br style="page-break-after:always;"> " into the html of the document for every <pagebreak> it encounters
- PageQuery Plugin *2025-03-04* by Mark C. Prins, previously Symon Bent
  Search for (fulltext) and list wiki pages, sorted and optionally grouped by name, date, creator, abc, etc. in columns. Insert the pagequery markup wherever you want your list to appear.
  E.g.{{pagequery>[query;fulltext;sort=key:direction,key2:direction;group;limit=??;cols=?;inwords;proper]}}
  [..] = optional
- PDF.js *2020-06-29* by Szymon Olewniczak
  Show pdf files using PDF.js
- sortablejs *2023-04-20* by vaxquis
  Allow sorting tables by columns
- svgEmbed plugin *2025-07-07* by Emma Bowers
  Allows the use of the standard media syntax, but SVG files are placed with the <object> or <embed> tag, not the <img> tag.
- Table Width Plugin *2022-08-09* by Mykola Ostrovskyy
  Allows to specify width of table columns.
- Typography plugin *2020-07-31* by Satoshi Sahara
  Enable typesetting capabilities with CSS font properties such as font face, size, weight, and color of text
- Video Sharing Site Plugin *2025-02-21* by Andreas Gohr
  Easily embed videos from various Video Sharing sites. Example: {{youtube>XXXXXX}}
- Wrap Plugin *2023-08-13* by 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.
- Simple universal list plugin *2023-06-30* by Mark C. Prins, previously Ben Slusky
  Extend DokuWiki list syntax to allow definition list and multiple paragraphs in a list entry

1)

This is a footnote

2)

when the aspect ratio of the given width and height doesn't match that of the image, it will be cropped to the new ratio before resizing