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5.7 UserManual:Extension/BlueSpiceTagCloud

The extension *TagCloud* visualizes terms from your wiki based on importance. It can be included on any wiki page. The source for the tag cloud terms can be categories or searchstats.

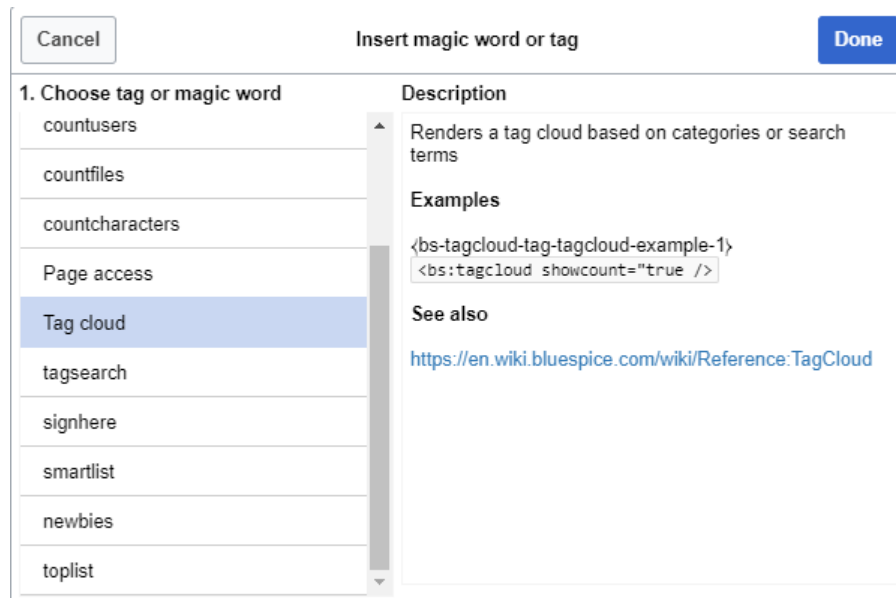
Profile information (10) User Handbook (5) Organisation (1) QM-Document (8) Installation handbook (3) Technics (2)
Products (5) Staff Handbook (21) Wikisoftware (2) Jour fixe (2) Work instruction (1) Pages with broken file links (1)
Imported vocabulary (7) Quality management (7) Arbeitsanweisungen (1) Top Level (1) Pages with RSS feeds (1)

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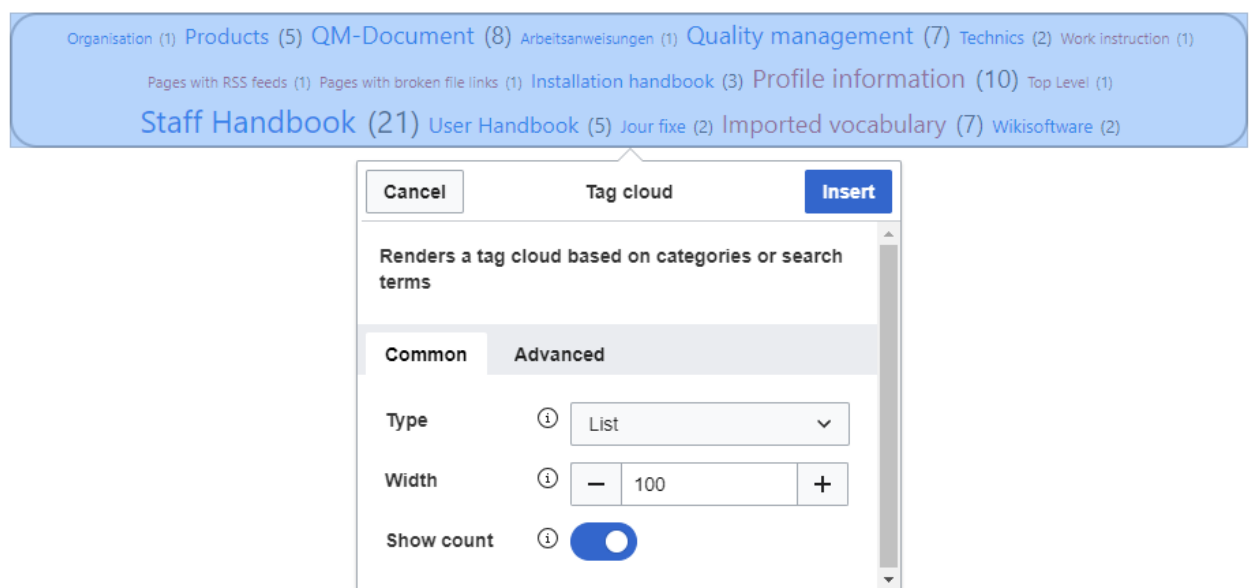
Inserting a tag cloud

A tag cloud can be inserted directly in source editing mode with the tag `<bs:tagcloud />`. To insert a tag cloud with **VisualEditor**, select *Insert > Magic word > Tag cloud*.



Configuration

If tag is added using VisualEditor, a configuration dialog appears. It shows configuration options in two tabs: *Common* and *Advanced*.



Common configuration

Parameter	Display name	Description
renderer	Type	Mode of rendering the cloud - List - Text (font size depends on frequency) 3D: rotating, interactive view
width	Width	Part of the page width taken by the cloud in percent or pixels (e.g., 50%, 150px)
showcount	Show count	Whether to show the numeric frequency of the term in the cloud

Advanced configuration

Parameter	Display name	Description
store	Store	Source of the data - category or searchstats
minsize	Min font size	Smallest possible font displayed in the cloud
maxsize	Max font size	Biggest possible font displayed in the cloud
exclude	Exclude pages	List of categories to exclude from the cloud, separated by comma - "category1, category2, category3"

Examples

Text

Tag parameters:

```
<bs:tagcloud count="10" minsize="12" maxsize="34" exclude="Imported vocabulary, Project" />
```

Output:

Shows a tag cloud with the 10 (count) categories that have the most page associations. The smallest possible font-size is 12 pixels (minsize) and the largest possible font-size is 34 pixels (maxsize). The categories *Imported vocabulary* and *Project* have been excluded from the output. Since the data source *category* is the default for a tag cloud, it is not necessary to specify it in the tag.

Organization (7) Vehicle (2) Electric motor part (4) QM Role (4) Machine part (14)
Operating Instructions (2) Product (6) Cylinder block (3) Open Source Software (5)
Wiki Software (6)

3D canvas

Tag parameters:

```
<bs:tagcloud renderer="canvas3d" store="category" count="15" minsize="12"
maxsize="40" showcount="false" />
```

Output:

The renderer *canvas3d* produces an interactive tag cloud. The cloud rotates when the cursor hovers over the tag cloud. It shows the 15 (count) most tagged categories. It is important to set the count limit, since the default count is set to 40, which produces a 3D cloud where the results are hard to distinguish visually. The data source is set to category (store). This is optional, since category is the default store value. The font sizes range from 12 pixels (minsize) to 40 pixels (maxsize). How many pages and files are associated with each category is not shown (*showcount="false"*).



List

Tag parameters:

```
<bs:tagcloud renderer="list" store="searchstats" count="5" />
```

Output:

The renderer type */list* produces a simple unordered list.

- [wiki](#) (435)
- [enterprise wiki](#) (354)
- [b](#) (167)
- [file:](#) (118)
- [file](#) (117)

The tag cloud of type *list* ignores the following parameters: *minsize*, *maxsize*

Related info

- [Reference:BlueSpiceTagCloud](#)

Manual:VisualEditor

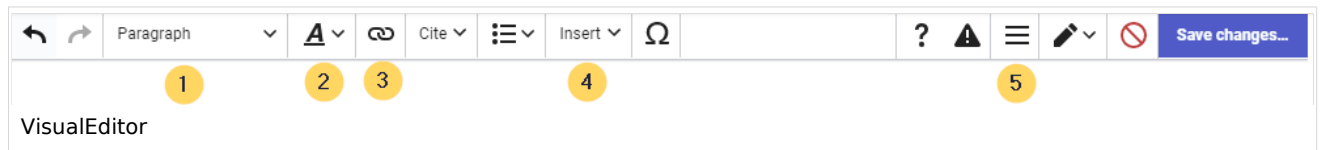
A [quality version](#) of this page, [approved](#) on *1 April 2022*, was based off this revision.

BlueSpice uses the MediaWiki extension VisualEditor as editing tool. This sophisticated editor supports all common edit tasks that you can expect in a wiki environment.

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What is VisualEditor?



The visual editor is optimized for editing wiki pages. Important characteristics and functions are:

1. **Page structuring** with headings.
2. Consistent **text formatting**.
3. **Linking** of contents.
4. **Inserting special content** (files/media, tables, templates, magic words)
5. Adjusting **page options**.

Text editing

Typical text formatting options such as **bold**, *italics*, or **text color** are available as a context menu. When you highlight text, a menu with common formatting elements appears. For example, you can apply a different text color.



Pasting content from your clipboard (ctrl+shift+v)

If you paste content from your clipboard (e.g., copied from MS Word or MS Excel), you usually also paste many unnecessary formatting tags from the original application. To avoid, this you should paste the content as plaintext.

If you already pasted text which resulted in undesirable formatting, you can use the undo function in VisualEditor to remove the content again if you have not yet saved the page or switched between visual and source editing mode.

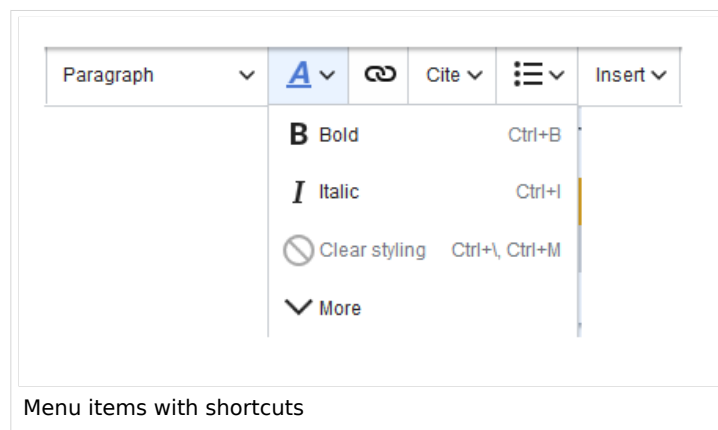
To paste content as plain text instead, use the shortcut **ctrl+shift+v**.



Shortcuts

If you want to apply multiple formatting options at the same time, shortcuts are often the quickest way. For example, to show text in bold and italic, highlight the text and press *Ctrl+b* (for "**bold**") and *Ctrl+i* (for "*italics*"). Even a link can be quickly inserted by pressing *Ctrl+k*. Pressing *Ctrl+b* again will cancel the bold. Multiple formats can be removed after text selection with *Ctrl+m*.

All available keyboard shortcuts are marked accordingly in VisualEditor next to each menu item.



Note: For a list of all available shortcuts, click on "Keyboard shortcuts" in the Visual Editor help menu (the question mark menu item).

Inserting other content

Many typical page elements such as images, files and tables can be integrated into your page from the *Insert* menu.

- File formats with a preview option: jpg/jpeg, png, gif, pdf
- File formats without preview option are always inserted as links (e.g., Microsoft Office formats)
- Files can be connected with namespaces and categories

If you want to learn more about inserting these elements, go to the following help pages:

- [Images](#)
- [Files \(PDF, xls, doc, ...\)](#)
- [Tables](#)
- [Templates](#)

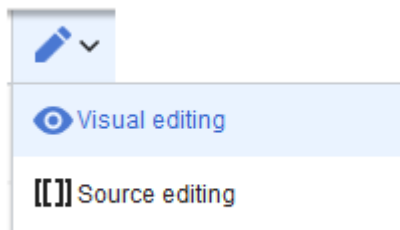
Wiki-specific content

Some functions in the "Insert" menu are little known from traditional word processing, but are quite typical for working with a wiki. Therefore, they are briefly introduced here. Find more information on the help pages here in the helpdesk or at mediawiki.org:

- **Comment:** Add comments to the page. These are only visible in the source code.
- **Gallery:** A simple picture gallery can support many process flows.
- **Magic word:** Wiki features such as signature, word counter, category tree or even process diagrams with draw.io can be integrated as a "magic word".
- **Your signature:** Only works on pages that allow signatures. Pages in the Namespace "Pages" are not included.
- **Codeblock:** Programming code is displayed here in clean code blocks, optionally with line numbers.
- **References list:**
- **Chemical formula:** The formula rendering uses an external service via Wikimedia's REST API.
- **Math formula:** An editor opens for entering a mathematical formula.

Switching between edit modes

When creating or editing a page, the page loads in visual editing mode. If you are familiar with the code language of MediaWiki ("Wikitext"), you can easily switch to source editing mode using the "Switch editor" button:



MediaWiki reference

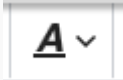
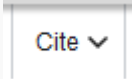
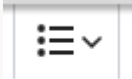
Since VisualEditor is a standard MediaWiki extension, you can also read a [documentation of functionality on MediaWiki](#). Here in the BlueSpice Helpdesk, we only give some hints and tips for using the editor.

Hints and tips

VisualEditor is optimized for editing web pages. That's why it has exactly the features that are often needed to create a wiki page. The consistent formatting of content supports the readability of your wiki content.

Text formatting

Text formatting	
Undo function	

Text formatting	
	Left arrow: Undo last action (greyed out: there is no last action yet) Right arrow: Restore last action (greyed out: there's nothing to restore yet)
Format Paragraph 	Here text can be defined as heading or specific paragraph type. <i>Note:</i> If you work in a table, the options will change accordingly (content cell and header cell):
Style text 	If no text has been selected before clicking on the "A" button and on a button, the text will be formatted from the current position of the cursor. (More Info at mediawiki.org/wiki/Help:VisualEditor/User_guide/en#Getting_Started:_The_VisualEditor-Toolbar)
Insert hyperlink 	If no text was selected before the hyperlink dialog was opened, the link will be generated with a number: [1] To subsequently change the hyperlink description, just click on the link to open the edit menu. In a table, you may need to double-click the cell first and then click the hyperlink again.
cite 	The citation menu is used to insert references (also called itemizations or footnotes) within the text.
Structure 	

Insert special content

Paste Special Content	
Insert menu 	Use the "insert" menu to insert various media (images, videos) and text formats:
media	Inserting pictures and videos

Paste Special Content	
 Media	(Details on MediaWiki)
templates	
 Template	Include a template in the page.
tables	
 Table	Tables are an important tool for formatting tabular page content.
comment	Comments are not visible to readers, but only in edit mode. A comment can be inserted anywhere on a page. The comment can be edited by clicking on it.
 Comment	 Discuss content with... And this is what a comment looks like:
Gallery	
 Gallery	
Magic word	With a "magic word" you can include certain variables or so-called behavioral switches in your page. For example, you can display the word count: Learn more about the function Magic Word . Overview of all Magic Words in the visual editor .
 Magic word	
Your signature	This option can only be used in discussions. It allows to add a signature at any point of a discussion.
 Your signature	
Code block	With code block various code examples can be entered, like e.g. in HTML syntax. The code is then displayed properly formatted:
 Code block	<pre>red text</pre>
Refernces list	
 References list	

Paste Special Content	
Chemical formula  Chemical formula	The formula rendering uses an external service via Wikimedia's REST API.
Math formula  Math formula	It opens an editor for entering a mathematical formula. [info on MediaWiki]
Special Characters 	

Page options

Page Options	
 Options menu	The options menu allows editing of all page settings.
Options  Options	This button allows the page settings and page information to be updated simultaneously within a dialog box.
Categories  Categories	Here you assign the page to one or more categories Categories . The page will appear accordingly on all linked category pages.
Page Settings  Page settings	Page redirection: When the page is redirected, the content of the page is no longer displayed, but the target page is loaded directly. This setting can also be used to display or remove the table of contents at the top of the page. The table of contents is automatically generated by the headings on the page. When a page has more than three headings, the table of contents appears automatically by default.
Advanced Settings  Advanced settings	
Languages	

Page Options	
 Languages	
Templates used  Templates used	
View as right-to-left  View as right-to-left Ctrl+Shift+X	Support for languages that are read from right to left. Clicking this button right-side formats the page text. Click again to set the text flush left.
Find and replace  Find and replace Ctrl+F	Words or characters can be searched and replaced directly on the page. The "Undo" button can be used to cancel the change.

Troubleshooting: Visual editing is disabled

If you only see code editing, please contact an administrator of your wiki. The following settings must be checked in this case:

- Global settings via the configuration manager
- Namespace management settings
- Parsoid service on the server

Reference:BlueSpiceTagCloud

Extension\ BlueSpiceTagCloud

Overview			
Description:	Displays various tag clouds		
State:	stable	Dependency:	BlueSpice

Overview			
Developer:	HalloWelt	License:	GPL-3.0-onlyProperty "BSExtensionInfoLicense" (as page type) with input value "</br>GPL-3.0-only" contains invalid characters or is incomplete and therefore can cause unexpected results during a query or annotation process.
Type:	BlueSpice	Category:	Rich Articles
Edition:	BlueSpice free, BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		
View help page			

Features

TagCloud displays a tag cloud based on categories or search terms. It is used for visualizing the most popular search terms or pages.

A tag is provided to embed the configurable TagCloud in a content page. The tag `<bs:tagcloud />` can be inserted as Wikitext or using the *Insert > Magic word* menu in [VisualEditor](#).

Technical Information

This information applies to BlueSpice 3 . Technical details for BlueSpice cloud can differ in some cases.

Requirements

MediaWiki: 1.31
BlueSpiceFoundation: 3.2

Integrates into

- BlueSpiceTagCloud
- BlueSpiceVisualEditorConnector

Special pages

Hooks

- [BSInsertMagicAjaxGetData](#)

Configuration

You can configure the following options:

Parameter	Description	Value	Default
width	determines the width of the TagCloud; can be entered in pixels or percent	pixels of percent	100%
showcount	displays how often a category is used in the wiki	true false	true
count	defines how many categories are shown	number	40 (show all categories = -1)
renderer	changes the visualisation of the TagCloud list = show an unordered list canvas3d = 3D display text = results are shown side by side	list canvas3d text	test
store	defines the data source category = displays categories searchstats = displays search results (only if BlueSpiceExtendedSearch is installed)	category searchstats	category
minsize	minimal font size	number	
maxsize	maximal font size	number	