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## 3.4 UserManual:MagicWords

A "magic word" is a string of text that is recognized by the MediaWiki software. It triggers the software to return the value of a function, such as dates, website statistics or page names.

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## Types of magic words

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- **Behavior switch** (or "Double underscore"): `__TOC__`
- **Variable**: `{{FULLPAGENAME}}`
- **Tag**: `<gallery>`
- **Parser function**: `{{#ifeq:x|y|true|false}}`

## The 4 types of MagicWords

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### Behavior switch

#### Characteristics of a behavior switch

- **Purpose**: controls the layout or behavior of the page
- **Syntax**: `__NOTOC__`

#### Description

A behavior switch includes or omits certain elements of the page. It is also known as "double underscore". Behavior switches can be put anywhere in the source code of the designated page (usually at the end of the page). The behavior switch `__TOC__` produces as output the table of contents exactly where it was inserted on the page.===

### Variable

#### Characteristics of a variable

- **Purpose**: returns information about the page, wiki, or date
- **Syntax**: `{{PAGENAME}}`

#### Description

Variables contain (simple) dynamic data. If a template name conflicts with a variable, the variable is used. For example, you have the variable `{{PAGENAME}}`. In that case, you have to transclude the template with the same name as `{{Template:PAGENAME}}`.

### Parser Function

#### Characteristics of a parser function

- **Purpose**: simple "programming language" for page content (mainly in templates)
- **Syntax**: `{{#if:{{{field|}}} | {{{field|}}} | N/A }}`

#### Description

Parser functions are similar to variables, but take one or more parameters.Example:

```
{{#ifeq:{{{type}}}|warning  
|This is a warning!  
|  
}}
```

They are used for simple logic only, since they are hard to read and to maintain on a larger scale. If complex logic is required, consider Lua scripts in the "Module" namespace ([mediawiki.org/wiki/Extension:Scribunto](https://mediawiki.org/wiki/Extension:Scribunto)) and invoke using `{{#invoke:...}}`

Parser functions can also be "tag-like", e.g. `{{#ask:...}}` from SemanticMediaWiki. For more information, refer to the MediaWiki help pages [mediawiki.org/wiki/Help:Extension:ParserFunctions](https://mediawiki.org/wiki/Help:Extension:ParserFunctions) and [mediawiki.org/wiki/Help:Magic\\_words#Parser\\_functions](https://mediawiki.org/wiki/Help:Magic_words#Parser_functions).

## Tag

### Characteristics of a tag

- **Purpose:** often used for custom development to process dynamic content
- **Syntax:** `<smartlist />`

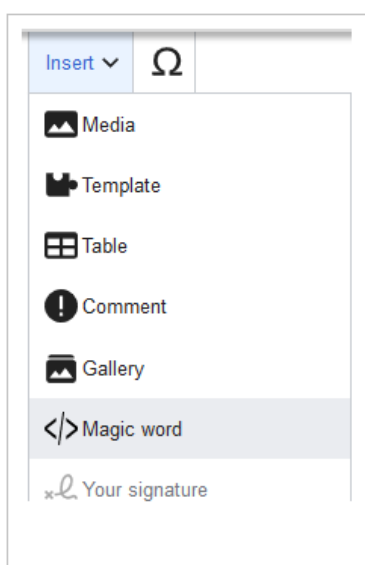
### Description

Tags are implemented in PHP as part of a MediaWiki extension. Tags with "bs:" prefix come from BlueSpice (see [Reference:BlueSpiceTagSearch](#)). All others come from MediaWiki or from third-party extensions, e.g. the extension [SyntaxHighlight](#).

## How to add a magic word

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Magic words are inserted directly in the source code. Some frequently used magic words can also be added directly with the VisualEditor *Insert > Magic word* menu item:



## Related info

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- [mediawiki.org/wiki/Help:Magic\\_words](https://mediawiki.org/wiki/Help:Magic_words)
- [Extension:BlueSpiceInsertMagic](#)

## 12 UserManual:MagicWords/Tags

This is a list of BlueSpice parser functions. Some of these tags can be inserted using VisualEditor. Go to *Insert > Magic words* and select the magic word you want to use. If you don't see the tag listed, switch to source editing mode and manually insert the tag there. You can always find the list of all parser tags (both MediaWiki and BlueSpice) in your BlueSpice installation on the page *Special:Version*, in the section *Parser Extension Tags*.

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## activitystream

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**Description:** Generates lists of recently changed social entities of a user, such as comments or blog entries.

**Example:** `<bs:activitystream user="WikiSysop" />`

## booklist

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**Description:** Generates lists of articles from the namespace "book" and can be filtered. The indication of the filter ist mandatory.

**Example:** `<bs:booklist filter="title:handbook|responsible:Testuser" />`

**Extension:** [BlueSpiceBookshelf](#)

## bookmeta

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**Description:** Tag for saving various meta data on book articles. These are included in the book. The attributes of this tag have to correlate with the meta data of the book article.

**Example:** `<bs:bookmetatitle="Installation manual" subtitle="BlueSpice pro" author1="Hallo Welt!" version="1.0" />`

**Extension:** [BlueSpiceBookshelf](#)

## bookshelf

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**Description:** Inserts the chapter navigation of a book in a page that is not part of a book. Numbering is automatically created according to the table of contents.

**Example:** `<bs:bookshelf src="Book:Installation manual" width="200" height="100" float="left" />`

**Extension:** [BlueSpiceBookshelf](#)

## checklist

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**Description:** Generates a checkbox or a select menu. The checklist can be modified by various parameters.

**Example:** `<bs:checklist type="list" value="false" list="Status" /><option>-</option><option>-</option></select>`

**Extension:** [BlueSpiceChecklist](#)

## countarticles

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**Description:** Displays the number of articles in the wiki.

**Example:** `<bs:countarticles />`

**Extension:** [BlueSpiceCountThings](#)

## countcharacters

---

**Description:** Generates metadata about the number of characters, words or number of printed pages for the page.

**Example:** `<bs:countcharacters mode="chars">ARTICLENAME</bs:countcharacters>`

**Extension:** [BlueSpiceCountThings](#)

## countfiles

---

**Description:** Shows the number of all uploaded files

**Example:** `<bs:countfiles />`

**Extension:** [BlueSpiceCountThings](#)

## countusers

---

**Description:** Shows the number of registered users.

**Example:** `<bs:countusers />`

**Extension:** [BlueSpiceCountThings](#)

## drawio

---

**Description:** Inserts the draw.io flow chart editor and allows inline editing of charts and diagrams.

**Example:** `<bs:drawio name="Diagram.png" />`

**Extension:** [DrawioEditor](#)

## newbies

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**Description:** Shows the new users of the wiki. The list can be restricted to a certain number.

**Example:** `<bs:newbies count="3" />`

**Extension:** [BlueSpiceSmartList](#)

## pageaccess

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**Description:** Defines the groups which have exclusive access to a page. Several groups are separated by commas.

**Example:** `<bs:pageaccess groups="sysop"/>`

**Extension:** [BlueSpicePageAccess](#)

## pagesvisited

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**Description:** Shows a list of recently visited pages. This list can be restricted by parameters.

**Example:** `<bs:pagesvisited count="7" maxtitlelength="40" />`

**Extension:** [BlueSpicePagesVisited](#)



## pagetemplates

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**Description:** Shows a list of the wiki's page templates.

**Example:** `<bs:pagetemplates />`

**Extension:** [BlueSpicePageTemplates](#)

## pdfpagebreak

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**Description:** Inserts a page break when the page is exported to PDF.

**Example:** `<bs:pdfpagebreak />`

## profileimage

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**Description:** Inserts the profile picture of the user on a page.

**Example:** `<bs:profileimage username="WikiSysop" />`

**Extension:** [BlueSpiceAvatars](#)

## showtime

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**Description:** Embeds a video that was uploaded to the wiki on a wiki page.

**Example:** `<bs:showtime width="960" height="760">myvideo.mp4</bs:showtime>`

**Extension:** [BlueSpicePlayer](#)

## signhere

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**Description:** Embeds a visual signature function on a regular wiki page.

**Tag:** `<bs:signhere />`

**Extension:** [BlueSpiceSignHere](#)

## smartlist

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**Description:** Shows a list of pages. The configuration works through several modi and parameters.

**Example:** `<bs:smartlist mode="whatlinkshere" traget="ARTICLENAME" />`

**Extension:** [BlueSpiceSmartList](#)

## tagcloud

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**Description:** Shows a tag cloud on a page.

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

**Extension:** [BlueSpiceTagCloud](#)

## tagsearch

---

**Description:** This function integrates the search form in an article. Search can be configured by parameters.

**Example:** `<bs:tagsearch cat="Help" ns="BlueSpice" operator="OR" />`

**Extension:** [BlueSpiceTagSearch](#)

## timeline

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**Description:** Shows a list of latest social contributions, such as discussion topics, blog entries, or user profile changes.

**Example:** `<bs:toplist count="4" cat="Wiki" period="month" />`

**Extension:** [BlueSpiceSocial](#)

## toplist

---

**Description:** Shows the most visited pages. Can be limited by several parameters.

**Example:** `<bs:toplist count="4" cat="Wiki" period="month" />`

**Extension:** [BlueSpiceSmartList](#)

## universalexportexcludearticle

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**Description:** Excludes an article from a PDF export.

**Example:** `<bs:ueexcludearticle" />`

**Extension:** [BlueSpiceUniversalExport](#)

## universalexporthidetitle

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**Description:** Allows to add arbitrary meta data to an exported document.

**Example:** `<bs:uemeta department="IT" security="high" />`

**Extension:** [BlueSpiceUniversalExport](#)

## universalexportmeta

---

**Description:** Allows to add arbitrary meta data to an exported document.

**Example:** `<bs:uemeta department="IT" security="high" />`

**Extension:** [BlueSpiceUniversalExport](#)

## universalexportnoexport

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**Description:** Content inside this tag will not be exported.

**Example:** `<bs:uenoexport>Not included in export</bs:uenoexport>`

**Extension:** [BlueSpiceUniversalExport](#)

## universalexportpagebreak

---

**Description:** If supported by chosen export module, this tag forces a page break in the export document.

**Tag:** `<bs:uepagebreak />`

**Extension:** [BlueSpiceUniversalExport](#)

## universalexportparams

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**Description:** Allows to set special parameters for export, whether the parameter will be evaluated depends on the chosen export module.

**Example:** `<bs:ueparams template="BlueSpice Landscape" />`

**Extension:** [UniversalExport](#)

## watchlist

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**Description:** Shows the articles which have most recent changes and are on your watchlist.

**Tag:** `<bs:watchlist />`

**Extension:** [BlueSpiceWatchList](#)

## whoisonlinecount

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**Description:** Shows the number of users who have logged in within the last 10 minutes.

**Example:** `<bs:whoisonlinecount />`

**Extension:** [BlueSpiceWholsOnline](#)

## whoisonlinepopup

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**Description:** Shows all users who have been logged in within the last 10 minutes. The output is a speech bubble when a user hovers over the related link.

**Example:** `<bs:whoisonlinepopup anchortext="Online users" />`

**Extension:** [BlueSpiceWholsOnline](#)

## Related info

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- [mediawiki.org/wiki/Help:Magic\\_words](https://mediawiki.org/wiki/Help:Magic_words)