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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

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

The 4 types of MagicWords

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) 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 and mediawiki.org/wiki/Help:Magic_words#Parser_functions.

Tag

Characteristics of a tag

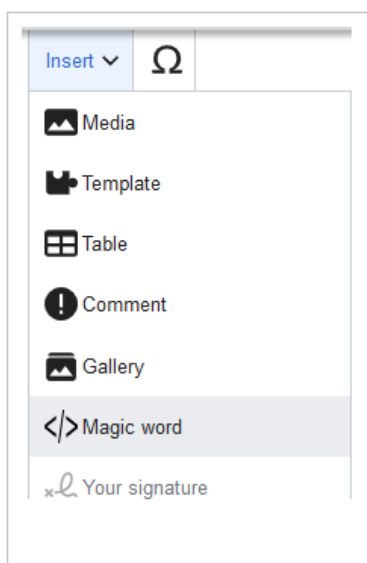
- **Purpose:** often used for custom development to process dynamic content
- **Syntax:** `<smartlist />`

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

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

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

Insert tags and magic words

A [quality version](#) of this page, [approved](#) on *30 July 2020*, was based off this revision.

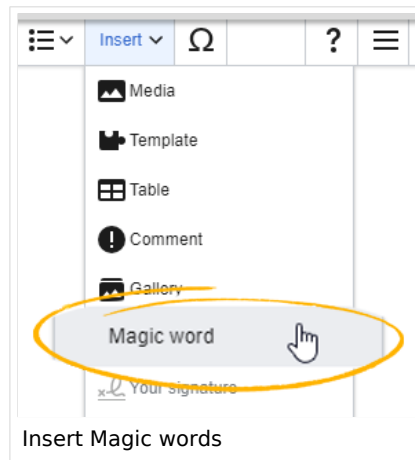
The extension **InsertMagic** provides a dialog for inserting Magic Words in the [visual editor](#).

Contents

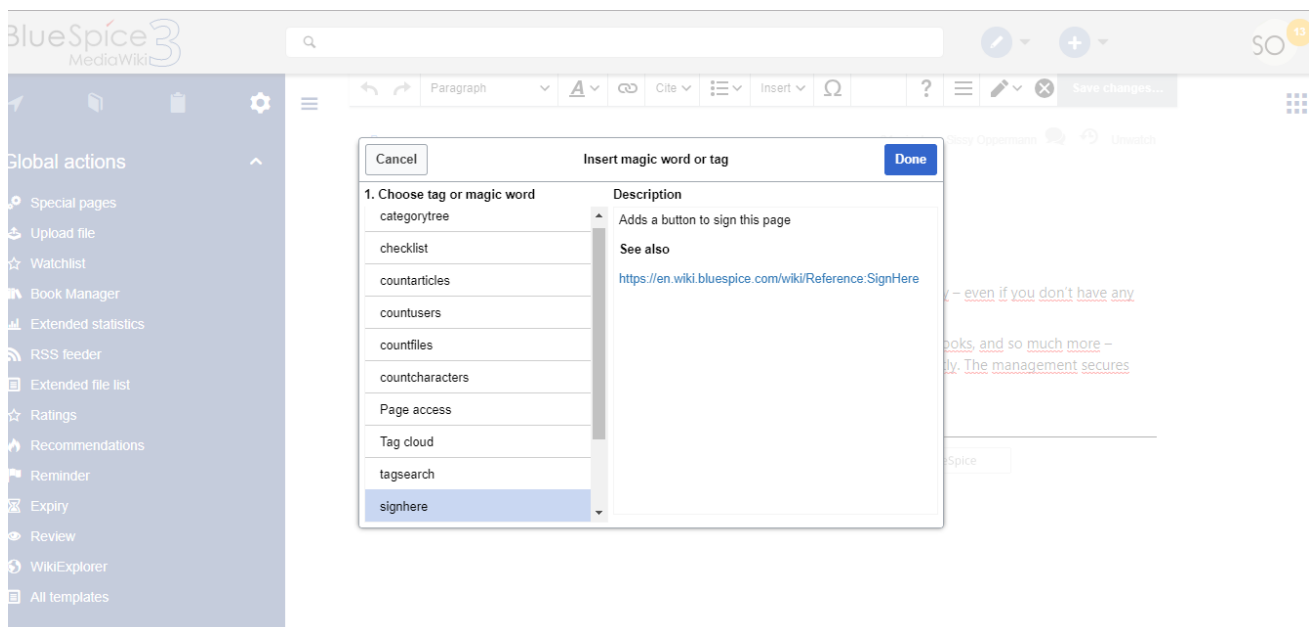
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Inserting magic words

In edit mode, click on *Insert* in the editor toolbar and select *Magic word* from the dropdown menu.



Once the magic word is selected in the list on the left, a description, including usage examples, will appear on the right.



After saving the dialog, further parameters can be set for the selected magic word or tag.

Related info

- [Category tree](#)
- [Checklists](#)
- [Count things](#)

- [Drawio](#)
- [Page access](#)
- [Sign here](#)
- [Smartlist](#)
- [Tag cloud](#)
- [Tag search](#)
- [Reference:BlueSpiceInsertMagic](#)

Reference:BlueSpiceTagSearch

Extension\ BlueSpiceTagSearch

Overview			
Description:	allows the integration of a configurable search field in articles.		
State:	stable	Dependency:	BlueSpice
Developer:	HalloWelt	License:	GPL v3 only
Type:	BlueSpice	Category:	Rich Articles
Edition:	BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		
View help page			

Features

TagSearch allows the integration of a configurable search field in the page content. This search field relies on [ExtendedSearch](#).

Usage / features

The configurable search field can be integrated into a content page with a tag. This tag has the following configuration options:

- *Placeholder*: Default text that is shown in the search field.
- *Type*: List of valid result types. Possible values: `wikipage`, `specialpage`, `reprofile`, `externalfile`, `socialentity`.
- *Namespaces*: Sets the searched namespaces. You can indicate it by ID or by the name of the namespace. Multiple entires are possible, separated by a pipe symbol (`|`). Default: As set in the `ExtendedSearch`.
- *Categories*: Sets the searched categories. Multiple entries are possible, separated by a pipe symbol (`|`). Default: No category is defined.
- *Search operator*: Search operator for the *Categories* field. Possible values: `AND/OR`. Default: `AND`.

Tag: `<bs:tagsearch />`

Technical information

Configuration

This extension offers no additional configurations.

Rights (permissions)

This extension does not require any special rights.

Requirements

TagSearch requires [BlueSpiceFoundation](#) and [BlueSpiceExtendedSearch](#).

More info

For detailed description and usage, visit our [help page](#).

Demo

Try inserting a search tag in our [BlueSpiceDemo](#).

Reference:SyntaxHighlight

Extension\: SyntaxHighlight

Overview			
Description:	Provides syntax highlighting and code rendering.		
State:	stable	Dependency:	MediaWiki
Developer:	Brion Vibber, Tim Starling, Rob Church, Ori Livneh	License:	GPL v2+
Type:	MediaWiki	Category:	Rich Articles
Edition:	BlueSpice free, BlueSpice pro, BlueSpice Farm, BlueSpice Cloud		
For more info, visit Mediawiki .			

Features

SyntaxHighlight adds customizable syntax highlighting functionality.

It is powered by the Pygments library and supports hundreds of different programming languages and file formats.

Important! The `pygmentize` binary needs to be executable by the webserver user ([see installation instructions for SyntaxHighlight](#)).