Help:Magic words

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Magic words are strings of text that MediaWiki associates with a return value or function, such as time, site details, or page names. This page is about usage of standard magic words; for a technical reference, see Manual:Magic words.

There are three general types of magic words:

- **Behavior switches**: these are uppercase words surrounded by double underscores, *e.g.* `__FOO__`.

- **Variables**: these are uppercase words surrounded by double braces, *e.g.* `{{FOO}}`. As such, they look a lot like templates.

- **Parser functions**: these take parameters and are either of the form `{{foo:...}}` or `{{#foo:...}}`. See also Help:Extension:ParserFunctions.

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Variables and parser functions can use subst:, just like templates. Page-dependent magic words will affect or return data about the *current* page (by default), even if the word is added through a transcluded template or included system message.

Behavior switches

A behavior switch controls the layout or behavior of the page and can often be used to specify desired omissions and inclusions in the content.

Word	Description	Versions
Table of contents		
`__NOTOC__`	Hides the table of contents (TOC).	
`__FORCETOC__`	Forces the table of contents to appear at its normal position (before the first header).	
`__TOC__`	Places a table of contents at the word's current position (overriding `__NOTOC__`). If this is used multiple times, the table of contents will appear at the first word's position.	
Editing		
`__NOEDITSECTION__`	Hides the section edit links beside headings. This is especially useful, where a heading is created from within a template: the normal wiki section-edit would in this case edit the template code, which is normally counterintuitive to the user. If a template contains multiple headings, it may be necessary to add "`__NOEDITSECTION__`" after each heading.	
`__NEWSECTIONLINK__`	Adds a link beside the "edit" tab for adding a new section on a non-talk page (see Adding a section to the end).	**≥ 1.7**
`__NONEWSECTIONLINK__`	Removes the link beside the "edit" tab on pages in talk namespaces.	**≥ 1.15** r47522
Categories		
`__NOGALLERY__`	Used on a category page, replaces thumbnails in the category view with normal links.	**≥ 1.7**
`__HIDDENCAT__`	Used on a category page, hides the category from the lists of categories in its members and parent categories (there is an option in the user preferences to show them).	**≥ 1.13**
Language conversion		
`__NOCONTENTCONVERT__` `__NOCC__`	On wikis with language variants, don't perform any content language conversion (character and phase) in article display; for example, only show Chinese (zh) instead of variants like zh_cn, zh_tw, zh_sg, or zh_hk.	
`__NOTITLECONVERT__` `__NOTC__`	On wikis with language variants, don't perform language conversion on the title (all other content is converted).	
Other		
`__START__`	No effect.	
`__END__`	Explicitly marks the end of the article, to prevent MediaWiki from removing trailing whitespace. Removed in 19213.	**1.1 – 1.8**
`__INDEX__`	Tell search engines to index the page (overrides $wgArticleRobotPolicies, but not robots.txt). It obeys $wgExemptFromUserRobotsControl variable.	**≥ 1.14**
`__NOINDEX__`	Tell search engines not to index the page (i.e. do not list in search engines' results). It obeys $wgExemptFromUserRobotsControl variable.	**≥ 1.14** r37973
`__STATICREDIRECT__`	On redirect pages, don't allow MediaWiki to automatically update the link when someone moves a page and checks "Update any redirects that point to the original title" (which requires $wgFixDoubleRedirects).	**≥ 1.13** r37928
`__DISAMBIG__`	Marks a page as a disambiguation page and places it in Special:DisambiguationPages, and places inward links in Special:DisambiguationPageLinks. See Extension:Disambiguator.	requires Extension:Disambiguator

Variables

Variables return information about the current page, wiki, or date. Their syntax is similar to templates. Variables marked as **"[expensive]"** are tracked by the software, and the number that can be included on a page is limited.

If a template name conflicts with a variable, the variable will be used (so to transclude the template Template:PAGENAME you would need to write `{{Template:PAGENAME}}`). In some cases, adding parameters will force the parser to invoke a template; for example, `{{CURRENTDAYNAME|x}}` transcludes Template:CURRENTDAYNAME, *not* the variable.

Date and time

The following variables return the current date and time in UTC.

Due to MediaWiki and browser caching, these variables frequently show when the page was *cached* rather than the current time.

The date and time magic words are formatted in the wiki content language. Since 1.19, they depend on the page content language.

Variable	Output	Description	Versions
Year			
{{CURRENTYEAR}}	2015	Year	
Month			
{{CURRENTMONTH}}	04	Month (zero-padded number)	
{{CURRENTMONTH1}}	4	Month (non-zero-padded number)	
{{CURRENTMONTHNAME}}	April	Month (name)	
{{CURRENTMONTHNAMEGEN}}	April	Month (genitive form)	
{{CURRENTMONTHABBREV}}	Apr	Month (abbreviation)	**≥ 1.5**
Day			
{{CURRENTDAY}}	13	Day of the month (unpadded number)	
{{CURRENTDAY2}}	13	Day of the month (zero-padded number)	**≥ 1.6**
{{CURRENTDOW}}	1	Day of the week (unpadded number), 0 (for Sunday) through 6 (for Saturday)	
{{CURRENTDAYNAME}}	Monday	Day of the week (name)	
Time			
{{CURRENTTIME}}	22:02	Time (24-hour HH:mm format)	
{{CURRENTHOUR}}	22	Hour (24-hour zero-padded number)	
Other			
{{CURRENTWEEK}}	16	Week (number)	
{{CURRENTTIMESTAMP}}	20150413220233	YYYYMMDDHHmmss timestamp	**≥ 1.7**

The following variables do the same as the preceding ones, but using the site's server config or $wgLocaltimezone.

- {{LOCALYEAR}}
- {{LOCALMONTH}}
- {{LOCALMONTH1}}
- {{LOCALMONTHNAME}}
- {{LOCALMONTHNAMEGEN}}
- {{LOCALMONTHABBREV}}
- {{LOCALDAY}}
- {{LOCALDAY2}}
- {{LOCALDOW}}
- {{LOCALDAYNAME}}
- {{LOCALTIME}}
- {{LOCALHOUR}}
- {{LOCALWEEK}}
- {{LOCALTIMESTAMP}}

For more thorough time formatting, you may want to install Extension:ParserFunctions to use the #time parser function.

Technical metadata

Note: Revision variables return data about the **latest edit to the current page**, even if viewing an older version of the page.

Variable	Output	Description	Versions
Site			
{{SITENAME}}	MediaWiki	The wiki's site name ($wgSitename).	
{{SERVER}}	//www.mediawiki.org	Domain URL ($wgServer).	
{{SERVERNAME}}	www.mediawiki.org	Subdomain and domain name (no longer dependent on $wgServerName as of version 1.17).	
{{DIRMARK}} {{DIRECTIONMARK}}		Outputs a Unicode directional mark that matches the wiki's default language's direction (‎ on left-to-right wikis, ‏ on right-to-left wikis), useful in text with multi-directional text. Since 1.19, it depends on the page content language.	**≥ 1.7** r14442
{{SCRIPTPATH}}	/w	Relative script path ($wgScriptPath).	
{{STYLEPATH}}	//bits.wikimedia.org/static-1.26wmf1/skins	Relative style path ($wgStylePath).	**≥ 1.16**
{{CURRENTVERSION}}	1.26wmf1 (3cc7000)	The wiki's MediaWiki version.	**≥ 1.7** r14199
{{CONTENTLANGUAGE}} {{CONTENTLANG}}	en en	The wiki's default interface language ($wgLanguageCode).	**≥ 1.7** r14661

Page			
`{{PAGEID}}`	1748	Returns the page identifier.	**≥ 1.20** Gerrit change 9858
`{{PROTECTIONLEVEL:action}}`		Outputs the protection level (e.g. "autoconfirmed", "sysop") for a given action (e.g. "edit", "move") on the current page. Returns an empty string if not protected.	**≥ 1.15** r45587
`{{CASCADINGSOURCES}}`		**[Expensive]** Returns the sources of any cascading protection acting on the current page. Pages will not return their own title unless they transclude themselves.	**≥ 1.23** Gerrit change 104999
Latest revision to current page			
`{{REVISIONID}}`	1528229	Unique revision ID.	**≥ 1.5**
`{{REVISIONDAY}}`	11	Day edit was made (unpadded number).	**≥ 1.8**
`{{REVISIONDAY2}}`	11	Day edit was made (zero-padded number).	**≥ 1.8**
`{{REVISIONMONTH}}`	04	Month edit was made (zero-padded number as of 1.17+, unpadded number in prior versions).	**≥ 1.8**
`{{REVISIONMONTH1}}`	4	Month edit was made (unpadded number).	**≥ 1.17** r66200
`{{REVISIONYEAR}}`	2015	Year edit was made.	**≥ 1.8**
`{{REVISIONTIMESTAMP}}`	20150411130131	Timestamp as of time of edit.	**≥ 1.8**
`{{REVISIONUSER}}` `{{URLENCODE: {{REVISIONUSER}}|WIKI}}`	Shirayuki Shirayuki	The username of the user who made the most recent edit to the page, or the current user when previewing an edit.	**≥ 1.15** r48149
`{{REVISIONSIZE}}`	77772	The size (bytes of wikitext) of the current revision of this page	**≥ 1.22** Gerrit change 82650
Affects page content			
`{{DISPLAYTITLE:title}}`		Format the current page's title header. The value must be equivalent to the default title: only capitalization changes and replacing spaces with underscores are allowed (this can be changed with $wgRestrictDisplayTitle). It can be disabled or enabled by $wgAllowDisplayTitle; disabled by default before 1.10+, enabled by default thereafter. It can take a second argument of *noerror* or *noreplace* to suppress error messages when multiple displaytitles are used on one page or to make this `displaytitle` do nothing if a `displaytitle` was already specified earlier in the page.	**≥ 1.7** **≥ 1.24** Gerrit change 144870 (for noerror and noreplace)
`{{DEFAULTSORT:sortkey}}` `{{DEFAULTSORTKEY:sortkey}}` `{{DEFAULTCATEGORYSORT:sortkey}}` `{{DEFAULTSORT:sortkey|noerror}}` `{{DEFAULTSORT:sortkey|noreplace}}`		Used for categorizing pages, sets a default category sort key. For example if you put `{{DEFAULTSORT:Smith , John}}` at the end of John Smith, the page would be sorted under "S" by default in categories. It can take a second argument of *noerror* or *noreplace* to suppress error messages when multiple defaultsortkeys are used on one page or to make this `defaultsort` do nothing if a `defaultsort` was already specified earlier in the page.	**≥ 1.10** **≥ 1.19** r96767 (for noerror and noreplace)

Statistics

Numbers returned by these variables normally contain separators (commas, dots or spaces, depending on the local language), but can return raw numbers with the ":R" flag (for example, `{{NUMBEROFPAGES}}` → 366,398 and `{{NUMBEROFPAGES:R}}` → 366398).

Use "|R" for magic words that require a parameter like PAGESINCATEGORY (for example `{{PAGESINCATEGORY:Help}}` and `{{PAGESINCATEGORY:Help|R}}`, or `{{PAGESINCATEGORY:Help|subcats}}` and `{{PAGESINCATEGORY:Help|subcats|R}}`). Also applicable to `{{PAGESIZE:page name}}` hereinbefore.

The number magic words are formatted in the wiki content language. Since 1.19, it depends on the page content language.

Variable	Output	Description	Versions
{{NUMBEROFPAGES}}	366,398	Number of wiki pages.	≥ 1.7
{{NUMBEROFARTICLES}}	27,199	Number of pages in content namespaces.	
{{NUMBEROFFILES}}	2,735	Number of uploaded files.	≥ 1.5
{{NUMBEROFEDITS}}	1,645,954	Number of wiki edits.	≥ 1.10 r21319
{{NUMBEROFVIEWS}}		Number of page views. Usually useless on a wiki using caching. Removed in Gerrit change 150699.	1.14 – 1.24 r42721
{{NUMBEROFUSERS}}	2,254,460	Number of registered users.	≥ 1.7
{{NUMBEROFADMINS}}	175	Number of users in the *sysop* group.	≥ 1.7
{{NUMBEROFACTIVEUSERS}}	1,276	Number of active users, based on the criteria used in Special:Statistics.	≥ 1.15 r47392
{{PAGESINCATEGORY:*categoryname*}} {{PAGESINCAT:*categoryname*}}	94 94	**[Expensive]** Number of pages (including subcategories and files) in the given category. (Category:Help used for demonstration)	≥ 1.13 r32932
{{PAGESINCATEGORY:*categoryname*|all}} {{PAGESINCATEGORY:*categoryname*|pages}} {{PAGESINCATEGORY:*categoryname*|subcats}} {{PAGESINCATEGORY:*categoryname*|files}}	94 89 2 3	**[Expensive]** Respectively, the number of - all pages - ordinary pages (excluding subcategories and files) - subcategories or - files in the given category. (Category:Help used for demonstration)	≥ 1.20 Gerrit change 12790
{{NUMBERINGROUP:*groupname*}} {{NUMINGROUP:*groupname*}}	32 32 ({{NUMBERINGROUP:bureaucrat}} used here)	Number of users in a specific group.	≥ 1.14 r40116
{{PAGESINNS:*index*}} {{PAGESINNAMESPACE:*index*}}	*Not enabled*	**[Expensive]** Number of pages in the given namespace (replace *index* with the relevant namespace index). For instance, {{PAGESINNAMESPACE:*14*}} will output the number of category pages. {{PAGESINNS:0}} differs from {{NUMBEROFARTICLES}} in that the former includes redirects and disambiguation pages. Disabled by default, enable with $wgAllowSlowParserFunctions.	≥ 1.7

Page names

Variable	Output	Description	Versions
{{FULLPAGENAME}}	Help:Magic words	Namespace and full page title (including all subpage levels).	≥ 1.6
{{PAGENAME}}	Magic words	Full page title (including all subpage levels) without the namespace.	
{{BASEPAGENAME}}	Magic words	Page title of the page in the immediately superior subpage level without the namespace ("Title/foo" on "Help:Title/foo/bar"). For more complex splitting, use {{#titleparts:}} from the ParserFunctions extension.	≥ 1.7
{{SUBPAGENAME}}	Magic words	The subpage title ("bar" on "Help:Title/foo/bar").	≥ 1.6
{{SUBJECTPAGENAME}} {{ARTICLEPAGENAME}}	Help:Magic words Help:Magic words	Full page name of the associated subject (e.g. article or file). Useful on talk pages.	≥ 1.7
{{TALKPAGENAME}}	Help talk:Magic words	Full page name of the associated talk page.	≥ 1.7
{{ROOTPAGENAME}}	Magic words	Name of the root of the current page. Would return Title on page Help:Title/Foo/Bar	≥ 1.22

The {{BASEPAGENAME}} and {{SUBPAGENAME}} magic words only work in namespaces that have subpages enabled. See $wgNamespacesWithSubpages for information on enabling subpages.

As of 1.15+, these can all take a parameter, allowing specification of the page to be operated on, instead of just the current page:

- {{PAGENAME:Template:Main Page}} → **Main Page**

> 🔴 **Warning:** Page titles containing certain characters, such as apostrophes ' or asterisks *, may produce unexpected results when handled with these magic words, e.g. {{PAGESINCATEGORY:{{PAGENAME}}}}. See bugs 14779, 16474, 35628, and 35746. One simple way to fix this is wrapping the pagename in #titleparts (parser function).

For example, if page name is "L'Aquila", the following code will produce the string "Numeric char encoding":

```
{{#switch:{{PAGENAME}}
| L'Aquila = No translation
| L = Not OK
| L&apos;Aquila = Entity escaping
| L&#39;Aquila = Numeric char encoding
}}
```

URL encoded page names

The following are equivalents encoded for use in MediaWiki URLs (i.e. spaces replaced with underscores and some characters HTML escaped using numeric character encoding):

- {{FULLPAGENAMEE}}
- {{PAGENAMEE}}
- {{BASEPAGENAMEE}}
- {{SUBPAGENAMEE}}
- {{SUBJECTPAGENAMEE}}
- {{ARTICLEPAGENAMEE}}
- {{TALKPAGENAMEE}}
- {{ROOTPAGENAMEE}}

Note that {{PAGENAME:...}}, {{PAGENAMEE:...}} and {{urlencode:...}} have distinct implementations. See Manual:PAGENAMEE encoding for details.

Namespaces

Variable	Output	Description	Versions
{{NAMESPACE}}	Help	Name of the page's namespace	
{{NAMESPACENUMBER}}	12	ID of the page's namespace	≥ 1.20 Gerrit change 4056
{{SUBJECTSPACE}} {{ARTICLESPACE}}	Help Help	Name of the associated content namespace	≥ 1.7
{{TALKSPACE}}	Help talk	Name of the associated talk namespace	≥ 1.7

The following are equivalents encoded for use in MediaWiki URLs (spaces replaced with underscores and some characters percent-encoded):

- {{NAMESPACEE}}
- {{SUBJECTSPACEE}}
- {{ARTICLESPACEE}}
- {{TALKSPACEE}}

As of 1.15+, these can take a full-page-name parameter and will return the requested namespace associated with that page, instead of with the current page:

- {{NAMESPACE:Template:Main Page}} → **Template**
- {{SUBJECTSPACE:Template:Main Page}} → **Template**
- {{TALKSPACE:Template:Main Page}} → **Template talk**

Parameter must not be a namespace name:

- {{SUBJECTSPACE:Help talk}} →   (*Empty*)

Other

Variable	Output	Description	Versions
{{!}}	|	Used to include a pipe character as part of a template argument. Before this was added as a magic word, many wikis implemented this by creating Template:! with | as the content.	≥ **1.24** Gerrit change 136234

Parser functions

Parser functions are very similar to variables, but take one or more parameters (technically, any magic word that takes a parameter is a parser function), and the name is sometimes prefixed with a hash to distinguish them from templates.

This page only describes parser functions that are integral to the MediaWiki software. Other parser functions may be added by MediaWiki extensions such as the Extension:ParserFunctions. For those see Help:Extension:ParserFunctions.

Technical metadata of another page

			≥ **1.24** Gerrit change 136234

Parser function	Output (for page MediaWiki)	Description	Versions
{{PAGEID: *page name* }}	1	[Expensive] Returns the page identifier of the specified page*.	≥ **1.23** Gerrit change 76534
{{PAGESIZE: *page name* }} {{PAGESIZE: *page name* |R}}	157 157	[Expensive] Returns the byte size of the specified page. Use "|R" to get raw (unformatted) numbers.	≥ **1.13** r33551
{{PROTECTIONLEVEL:*action*	*page name*}}	sysop	[Expensive] Outputs the protection level (e.g. "autoconfirmed", "sysop") for a given action (e.g. "edit", "move") on the specified page. Returns an empty string if not protected.	≥ **1.21** r44683
{{CASCADINGSOURCES: *page name*}}		**[Expensive]** Returns the sources of any cascading protection acting on the specified page. Pages will not return their own title unless they transclude themselves.	≥ **1.23** Gerrit change 104999
{{REVISIONID: *page name* }}	1446376	[Expensive] Unique revision ID of the last revision on the specified page*.	≥ **1.23** Gerrit change 76534
{{REVISIONDAY: *page name* }}	16	[Expensive] Day of edit from the last revision of the specified page* (unpadded number).	≥ **1.23** Gerrit change 76534
{{REVISIONDAY2: *page name* }}	16	[Expensive] Day of edit from the last revision of the specified page* (zero-padded number).	≥ **1.23** Gerrit change 76534
{{REVISIONMONTH: *page name* }}	03	[Expensive] Month of edit from the last revision of the specified page* (zero-padded number as of 1.17+, unpadded number in prior versions).	≥ **1.23** Gerrit change 76534
{{REVISIONMONTH1: *page name* }}	3	[Expensive] Month of edit from the last revision of the specified page* (unpadded number).	≥ **1.23** Gerrit change 76534
{{REVISIONYEAR: *page name* }}	2015	[Expensive] Year of edit from the last revision of the specified page*.	≥ **1.23** Gerrit change 76534
{{REVISIONTIMESTAMP: *page name* }}	20150316021645	[Expensive] Timestamp as of time of edit on the specified page*.	≥ **1.23** Gerrit change 76534
{{REVISIONUSER: *page name* }}	Ruy Pugliesi	[Expensive] The username from the last revision on the specified page*.	≥ **1.23** Gerrit change 76534

*When the given param is equal to the current title of the parser, the parser function will yield the previous versions on preview and on substitution, that includes empty strings when used on page creation, but using the values from the current version for page view, including viewing old revisions. In this case it is a non-expensive parser function.

URL data

Parser function	Input → Output	Description	Versions

`{{localurl:`*`page name`*`}}`
`{{localurl:`*`page name`*
`|`*`query_string`*`}}`
	`{{localurl:MediaWiki}}`
	→ /wiki/MediaWiki
	`{{localurl:MediaWiki|printable=yes}}`
	→ /w/index.php?title=MediaWiki&printable=yes
		The relative path to the title.	

`{{fullurl:`*`page name`*`}}`
`{{fullurl:`*`page name`*
`|`*`query_string`*`}}`
`{{fullurl:`*`interwiki:remote page name`*
`|`*`query_string`*`}}`
	`{{fullurl:Category:Top level}}`
	→ //www.mediawiki.org/wiki/Category:Top_level
	
	`{{fullurl:Category:Top level|action=edit}}`
	→ //www.mediawiki.org/w/index.php?title=Category:Top_level&action=edit
	`https:{{fullurl:s:Electra|action=edit}}`
	→ https://en.wikisource.org/wiki/Electra?action=edit
	`https:{{fullurl:s:es:Electra|action=edit}}`
	→ https://en.wikisource.org/wiki/es:Electra?action=edit
		A protocol-relative path to the title. This will also resolve interwiki prefixes. **Note:** Unbracketed (plain) protocol-relative links are not automagically linked.	≥ **1.5**

`{{canonicalurl:`*`page name`*`}}`
`{{canonicalurl:`*`page name`*
`|`*`query_string`*`}}`
`{{canonicalurl:`*`interwiki:remote page name`*
`|`*`query_string`*`}}`
	`{{canonicalurl:Category:Top level}}`
	→ http://www.mediawiki.org/wiki/Category:Top_level
	
	`{{canonicalurl:Category:Top level|action=edit}}`
	→ http://www.mediawiki.org/w/index.php?title=Category:Top_level&action=edit
		The absolute path to the title, using the canonical URL. This will also resolve interwiki prefixes.	≥ **1.18**

`{{filepath:`*`file name`*`}}`
`{{filepath:`*`file name`*`|nowiki}}`
`{{filepath:`*`file name`*`|`*`thumbnail_size`*`}}`
	`{{filepath:Wiki.png}}`
	→ //upload.wikimedia.org/wikipedia/mediawiki/b/bc/Wiki.png
	
	`{{filepath:Wiki.png|nowiki}}`
	→ //upload.wikimedia.org/wikipedia/mediawiki/b/bc/Wiki.png
	`{{filepath:Example.svg|300}}`
	→
	//upload.wikimedia.org/wikipedia/commons/thumb/8/84/Example.svg/300px-Example.svg.png
		A protocol-relative path to the full size or thumbnail (1.18+) of a media file.	≥ **1.12**
			r25854
			
			≥ **1.18**
			r80813

`{{urlencode:`*`string`*`}}` or
`{{urlencode:`*`string`*`|QUERY}}`
`{{urlencode:`*`string`*`|WIKI}}`
`{{urlencode:`*`string`*`|PATH}}`
	`{{urlencode:x:y/z á é}}` or
	`{{urlencode:x:y/z á é|QUERY}}`
	→ x%3Ay%2Fz+%C3%A1+%C3%A9
	`{{urlencode:x:y/z á é|WIKI}}`
	→ x:y/z_%C3%A1_%C3%A9
	`{{urlencode:x:y/z á é|PATH}}`
	→ x%3Ay%2Fz%20%C3%A1%20%C3%A9
	
	Note that the default changed from `|WIKI` to `|QUERY` in 1.17; this may break templates that rely on this function.
		The input encoded for use in URLs. Note that there is no urldecode function like there is in the obsolete Extension:StringFunctions.
		
		Encoding
		<table><tr><td>code</td><td>space</td></tr><tr><td>*none*</td><td>+</td></tr><tr><td>QUERY</td><td>+</td></tr><tr><td>WIKI</td><td>_</td></tr><tr><td>PATH</td><td>%20</td></tr></table>
			≥ **1.7**
			r14273
			
			(or
			
			≥ **1.17**
			r64726
			
			≥ **1.17**
			r64726
			
			≥ **1.17**
			r64726
			
			)

`{{anchorencode:`*`string`*`}}`	`{{anchorencode:x y z á é}}` → x_y_z_.C3.A1_.C3.A9	The input encoded for use in URL section anchors (after the "#" symbol in a URL).	≥ **1.6** r16279

Namespaces

`{{ns:}}` returns the current localized name for the namespace with that index, canonical name, or local alias. Thus `{{ns:6}}`, `{{ns:File}}`, and `{{ns:Image}}` (an old name for the File namespace) all return "File". On a wiki where the content language is French, `{{ns:Fichier}}` is also valid, but `{{ns:Datei}}` (the localisation of "File" in German) is not.

`{{nse:}}` is the equivalent encoded for MediaWiki URLs. It does the same, but it replaces spaces with underscores, making it usable in external links.

Content namespaces		Talk namespaces	
Usage	**Output**	**Usage**	**Output**
`{{ns:-2}}` / `{{ns:Media}}`	Media	`{{ns:-1}}` / `{{ns:Special}}`	Special *(no **talk** page)*
`{{ns:0}}` / `{{ns:}}`		`{{ns:1}}` / `{{ns:Talk}}`	Talk
`{{ns:2}}` / `{{ns:User}}`	User	`{{ns:3}}` / `{{ns:User talk}}`	User talk
`{{ns:4}}` / `{{ns:Project}}`	Project *Varies between wikis*	`{{ns:5}}` / `{{ns:Project talk}}`	Project talk
`{{ns:6}}` / `{{ns:File}}` or `{{ns:Image}}`	File	`{{ns:7}}` / `{{ns:File talk}}` or `{{ns:Image talk}}`	File talk
`{{ns:8}}` / `{{ns:MediaWiki}}`	MediaWiki	`{{ns:9}}` / `{{ns:MediaWiki talk}}`	MediaWiki talk
`{{ns:10}}` / `{{ns:Template}}`	Template	`{{ns:11}}` / `{{ns:Template talk}}`	Template talk
`{{ns:12}}` / `{{ns:Help}}`	Help	`{{ns:13}}` / `{{ns:Help talk}}`	Help talk
`{{ns:14}}` / `{{ns:Category}}`	Category	`{{ns:15}}` / `{{ns:Category talk}}`	Category talk

Don't confuse localised namespaces with custom namespaces.

Formatting

Usage	Input → Output	Description	Version

`{{formatnum:`*unformatted number*`}}`
 	
`{{formatnum:`*formatnum-formatted number*`|R}}`
`{{formatnum:`*unformatted number*`|NOSEP}}`
	- Simple:
	  - `{{formatnum:987654321.654321}}` → 987,654,321.654321
	  - `{{formatnum:987,654,321.654321|R}}` → 987654321.654321
	- Advanced:
	  - `{{formatnum: {{formatnum:987654321.654321}}|R}}` → 987654321.654321 (on any locale)
	  - `{{formatnum:00001}}` → 00,001
	  - Examples with Hindi locale:
	    - `{{formatnum:987654321.654321}}` → 98,76,54,321.654321
	    - `{{formatnum:987654321.654321 |NOSEP}}` → 987654321.654321
	    - `{{formatnum:98,76,54,321.654321 |NOSEP|R}}` → 98,76,54,321.654321
	
	Unsupported:
	`{{formatnum:{{formatnum:987.654.321}}}}` → 987 654 321 (e.g. with Italian locale)
	
	Examples of wrong input (unreliable output), with or without `|R`:
	`{{formatnum:987,654.321|R}}` (the least broken)
	`{{formatnum:987.654,321|R}}`
	`{{formatnum:987 654,321|R}}`
	`{{formatnum:987 654,321|R}}`
		Takes an unformatted number (arab, no group separators and . as decimal separator) and outputs it in the localized digit script and formatted with decimal and decimal group separators, according to the wiki's default locale.
		
		The `|R` parameter can be used to reverse the behavior, for use in mathematical situations: it's reliable and should be used only to deformat numbers who are known to be formatted exactly as formatnum formats them with the wiki's locale.
		
		⛔ **Warning:** Leading zeroes are not removed, you can use `{{#expr:00001}}` instead if you have Extension:ParserFunctions installed.
		
		⛔ **Warning:** If you don't input numbers in the exact format required, don't expect any reliable output, especially on non-English wikis.
		
		⛔ **Warning:** The `NOSEP` ("no separators") parameter means that no group / decimal separators are changed; formatnum will only transform the digits themselves in languages which don't use the Hindu–Arabic numeral system. `NOSEP` can also prevent non-standard digit groupings you wouldn't expect.
		
		If you really need to format (according the wiki's locale) a number in unknown input format, you could try and use `formatnum` two times (but not if it can have a decimal group, or its separator will be eaten or the number won't be formatted).
			≥ 1.7
			
			≥ 1.13
			r32012

	`{{#dateformat:25 dec 2009|ymd}}` → 2009 Dec 25 (your pref), 2009 Dec 25 (default) `{{#formatdate:dec 25,2009|dmy}}` → 25 Dec 2009 (your pref), 25 Dec 2009 (default) `{{#dateformat:2009-12-25|mdy}}` → December 25, 2009 (your pref), December 25, 2009 (default)	Formats an unlinked date based on user "date format" preference, and adds metadata tagging it as a formatted date. For logged-out users and those who have not set a date format in their preferences, dates can be given a default: `mdy`, `dmy`, `ymd`, `ISO 8601` (all case sensitive). If only the month and day are given, only `mdy` and `dmy` are valid. If a format is not specified or is invalid, the input format is used as a default. If the supplied date is not recognized as a valid date (specifically, if it contains any metadata such as from a nested use of these or	**≥ 1.15**

`{{#dateformat:date}}`
`{{#formatdate:date}}`
`{{#dateformat:date|format}}`
`{{#formatdate:date|format}}`
	`{{#formatdate:2009 dec 25|ISO 8601}}`
	→ 2009-12-25 (your pref), 2009-12-25 (default)
	`{{#dateformat:25 decEmber|mdy}}`
	→ DecEmber 25 (your pref), DecEmber 25 (default)
	Note: In the example hereinbefore, "your pref" refers to your date preference on the current MediaWiki wiki only.
		similar templates), it is rendered unchanged, and no (additional) metadata is generated.
		
		🔴 **Warning:** Although the ISO 8601 standard requires that dates be in the Gregorian calendar, the ISO parameter in this function will still format dates that fall outside the usual Gregorian range (e.g. dates prior to 1583). Also, the magic word cannot properly convert between negative years (used with ISO 8601) and years BC or years BCE (used in general writing).
			r48249

`{{lc:string}}`	`{{lc:DATA CENTER}}` → data center	The lowercase input.	**≥ 1.5**
`{{lcfirst:string}}`	`{{lcfirst:DATA center}}` → dATA center	The input with the <u>very first</u> character lowercase.	**≥ 1.5**
`{{uc:string}}`	`{{uc:text transform}}` → TEXT TRANSFORM	The uppercase input.	**≥ 1.5**
`{{ucfirst:string}}`	`{{ucfirst:text TRANSFORM}}` → Text TRANSFORM	The input with the <u>very first</u> character uppercase.	**≥ 1.5**

`{{padleft:xyz|stringlength}}`
`{{padleft:xyz|strlen|char}}`
`{{padleft:xyz|strlen|string}}`
	`{{padleft:xyz|5}}` → 00xyz
	
	`{{padleft:xyz|5|_}}` → __xyz
	`{{padleft:xyz|5|abc}}` → abxyz
	`{{padleft:xyz|2}}` → xyz
	`{{padleft:|1|xyz}}` → x (first character of the string)
		Inserts a string of padding characters (character chosen in third parameter; default "0") of a specified length (second parameter) next to a chosen base character or variable (first parameter). The final digits or characters in the base replace the final characters in the padding; i.e. `{{padleft:44|3|0}}` produces 044. The padding string may be truncated if its length does not evenly divide the required number of characters.
		
		Only the first character of the third parameter is used in versions up to 1.12, but by version 1.15 all the characters are used.
		
		Bug (fixed in r45734): multibyte characters are interpreted as two characters, which can skew width. These also cannot be used as padding characters.
			≥ 1.8

`{{padright:xyz|stringlength}}`
`{{padright:xyz|strlen|char}}`
`{{padright:xyz|strlen|string}}`
	`{{padright:xyz|5}}` → xyz00
	
	`{{padright:xyz|5|_}}` → xyz__
	`{{padright:xyz|5|abc}}` → xyzab
	`{{padright:xyz|2}}` → xyz
	`{{padright:|1|xyz}}` → x
		Identical to `padleft`, but adds padding characters to the right side.	**≥ 1.8**

See also: Extension:StringFunctions.

Localization

Here are the magic words which are used as main localisation tools. Other magic words will often depend on the wiki's locale and configuration or on the chosen language: see in particular #Date and time, #Formatting, #Miscellaneous. More magic words are added by the Extension:Translate.

The usage of these magic words can be very complex, and the documentation is currently incomplete; there's some more info on PLURAL, GRAMMAR, GENDER.

Usage	Input → Output	Description	Version
`{{plural:2|is|are}}`	`{{plural:0|is|are}}` → are `{{plural:1*1|is|are}}` → is `{{plural:21 mod 10|is|are}}` → are `{{plural:{{#expr:21 mod 10}}|is|are}}` → is `{{plural:1|is|are}}` → is `{{plural:2|is|are}}` → are (For Russian) `{{PLURAL:5|1=Категория|Категории}}` → Категории `{{PLURAL:3|страница|страницы|страниц}}` → страницы `{{PLURAL:5|страница|страницы|страниц}}` → страниц	Outputs the singular form (second parameter) if the first parameter is an expression equalling one; the plural form (third parameter) otherwise. Its functioning is language-dependent. Some language codes (ab, av, ba, bxr, ce, crh_cyrl, cv, inh, koi, krc, kv, lbe, lez, mhr, mrj, myv, ru, tt_cyrl, tyv, udm, xal) used 3 plural forms (updated 01.2014): ■ Form 1: 1, 21, 31, 41, 51, 61, 71, 81, 101, 1001, … ■ Form 2: 0, 5, 6, 7,8,...18, 19, 100, 1000, 10000, 100000, 1000000, … ■ Form 3: 2, 3, 4, 22, 23, 24, 32, 33, 34, 42, 43, 44, 52, 53, 54, 62, 102, 1002, …	
`{{grammar:N|noun}}`		Outputs the correct inflected form of the given word described by the inflection code after the colon (language-dependent). Grammar transformations are used for inflected languages like Polish. See also $wgGrammarForms.	**≥ 1.7**

`{{gender:username|text for every gender}}`
 	
`{{gender:Username|male text|female text|text for unspecified}}`
`{{gender:|male text|female text|text for unspecified}}`
`{{gender:.|male text|female text|text for unspecified}}`
	(Depends on the named user's gender)	A switch for the gender set in Special:Preferences.
		
		Note: The first example is basically a no-op
		Note: If 3rd parameter is omitted and user hasn't defined his/her gender, then *text if user is male* is returned.
		A blank username field (`{{gender:|}`) means the current user.
		A dot username (.) means the default user gender on this wiki.
			≥ 1.15
			r46247

`{{int:message name}}`	`{{int:edit}}` → **Edit** *(Depends on user language; try: fr (https://www.mediawiki.org/w/index.php?title=Help:Magic_words&uselang=fr#Localisation) • ja (https://www.mediawiki.org/w/index.php?title=Help:Magic_words&uselang=ja#Localisation))*	Internationalizes (translates) the given **int**erface (MediaWiki namespace) message into the user language. For `msgnw` and other transclusion magic words, see Help:Magic words#Template modifiers. *Note that this can damage / confuse cache consistency in MediaWiki 1.17 and earlier, see bug 14404.*	
`{{int:editsectionhint|MediaWiki}}`	`{{int:editsectionhint|MediaWiki}}` → **Edit section: MediaWiki**	You may also use parameters with translations. Parameters are designated in messages with: $1, $2, $3, etc. For example, here is the message for *editsectionhint*: Edit section: $1 In this example, MediaWiki replaces $1.	

Miscellaneous

Usage	Output	Description	Version

`{{#language:`*language code*`}}`
`{{#language:ar}}`
`{{#language:`*language code*`|`*target language code*`}}`
`{{#language:ar|en}}`
	language code
	العربية
	language code
	Arabic
		The full name of the language for the given language code: native name (language autonym) by default, name translated in target language if a target language code is specified. Extension:CLDR must be installed for the translation to work.	**≥ 1.7**
			r14490
			
			≥ 1.18
			r91875
			
			(translation)

`{{#special:`*special page name*`}}` `{{#special:userlogin}}`	Special:Special page name Special:UserLogin	The localized name for the given canonical Special: page.	**≥ 1.9** r17321
`{{#speciale:`*special page name*`}}` `{{#speciale:userlogin}}`	Special:Special_page_name Special:UserLogin	The localized and URL-encoded name for the given canonical Special: page.	**≥ 1.20** Gerrit change 4340

`{{#tag:`*tagname*`|content|attribute1=value1|attribute2=value2}}`	*(Depends on parser tag)*	Alias for XML-style MediaWiki parser tags or extension tags. It allows execution of wiki code and Extension:ParserFunctions within tags before the tag is processed. It also prevents parsing of tags in conditional paths that aren't executed (like in `#if` statements). Content between tags is passed as the first parameter, and any attributes for the tags can be passed as subsequent parameters. This example:
		
		`<tagname attribute1="value1" attribute2="value2">`*Your content goes here*`</tagname>`
		
		…can be rewritten like this:
		
		`{{#tag:`*tagname*`|`*Your content goes here*`|`*attribute1=value1*`|`*attribute2=value2*`}}`
		
		Example for the Cite extension's `<ref>` tags:
		
		`{{#tag:ref|Citation text goes here,`
		`and you can include parser functions`
		`like {{#expr: ... }} and magic words`
		`like {{PAGENAME}}.|name="multiple"}}`
		
		⚠ **Warning:** You must write `{{#tag:`*tagname*`||`*attribute1=value1*`|`*attribute2=value2*`}}` to pass an empty content. No space is permitted in the area reserved for content between the pipe characters `||` before *attribute1*.
			≥ 1.12
			r29482

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