

MediaWiki API help

This is an auto-generated MediaWiki API documentation page.

Documentation and examples: <https://www.mediawiki.org/wiki/API>

Main module

[Documentation · FAQ · Mailing list (<https://lists.wikimedia.org/mailman/listinfo/mediawiki-api>) · API Announcements (<https://lists.wikimedia.org/mailman/listinfo/mediawiki-api-announce>) · Bugs & requests (<https://phabricator.wikimedia.org/maniphest/query/GebfyV4uCaLd/#R>)]

- Source: MediaWiki
- License: GPL-2.0+

Status: All features shown on this page should be working, but the API is still in active development, and may change at any time. Subscribe to the mediawiki-api-announce mailing list (<https://lists.wikimedia.org/pipermail/mediawiki-api-announce/>) for notice of updates.

Erroneous requests: When erroneous requests are sent to the API, an HTTP header will be sent with the key "MediaWiki-API-Error" and then both the value of the header and the error code sent back will be set to the same value. For more information see API: Errors and warnings.

Testing: For ease of testing API requests, see Special:ApiSandbox.

Parameters:

action:	Which action to perform.
abusefiltercheckmatch:	Check to see if an AbuseFilter matches a set of variables, editor logged AbuseFilter event.
abusefilterchecksyntax:	Check syntax of an AbuseFilter filter.
abusefilterevalexpression:	Evaluates an AbuseFilter expression.
abusefilterunblockautopromote:	Unblocks a user from receiving autopromotions due to an abusefilter consequence.
addstudents:	Add multiple students to a course.
antispoof:	Check a username against AntiSpoof's normalisation checks.
block:	Block a user.
bouncehandler:	Receive a bounce email and process it to handle the failing recipient.
categorytree:	Internal module for the CategoryTree extension.
centralauthtoken:	Fetch a centralauthtoken for making an authenticated request to an attached wiki.
centralnoticecdncacheupdatebanner:	Request the purge of banner content stored in the CDN (front-end) cache for anonymous users, for the requested banner and language

centralnoticechoicedata:	Get data needed to choose a banner for a given project and language
centralnoticequerycampaign:	Get all configuration settings for a campaign.
changeauthenticationdata:	Change authentication data for the current user.
checktoken:	Check the validity of a token from <code>action=query&meta=tokens</code> .
cirrus-config-dump:	Dump of CirrusSearch configuration.
cirrus-mapping-dump:	Dump of CirrusSearch mapping for this wiki.
cirrus-settings-dump:	Dump of CirrusSearch settings for this wiki.
clearhasmsg:	Clears the <code>hasmsg</code> flag for the current user.
clientlogin:	Log in to the wiki using the interactive flow.
compare:	Get the difference between two pages.
createaccount:	Create a new user account.
cspreport:	Used by browsers to report violations of the Content Security Policy. This module should never be used, except when used automatically by a CSP compliant web browser.
cxconfiguration:	Fetch the Content Translation configuration json for the given language pair.
cxdelete:	Delete a draft translation created using the Content Translation extension.
cxpublish:	Save a page created using the Content Translation extension.
cxsave:	This module allows to save draft translations by section to save bandwidth and to collect parallel corpora.
cxsuggestionlist:	Manage the suggestion lists. Add suggestions to lists and remove them.
cxtoken:	Get JWT tokens to authenticate with <code>cxserver</code> .
delete:	Delete a page.
deleteeducation:	Delete Education Program objects.
deleteglobalaccount:	Delete a global user.
echomarkread:	Mark notifications as read for the current user.
echomarkseen:	Mark notifications as seen for the current user.
edit:	Create and edit pages.
editmassmessagelist:	Edit a mass message delivery list.
emailuser:	Email a user.

enlist:	Associate or disassociate a user as instructor or volunteer for a course.
expandtemplates:	Expands all templates within wikitext.
fancycaptchareload:	Get a new FancyCaptcha.
featuredfeed:	Returns a featured content feed.
feedcontributions:	Returns a user contributions feed.
feedrecentchanges:	Returns a recent changes feed.
feedwatchlist:	Returns a watchlist feed.
filerevert:	Revert a file to an old version.
flagconfig:	Get basic information about review flag configuration for this site.
globalblock:	Globally block or unblock a user.
globaluserrights:	Add/remove a user to/from global groups.
graph:	Access graph tag functionality.
help:	Display help for the specified modules.
imagerotate:	This module has been disabled.
import:	Import a page from another wiki, or from an XML file.
jsonconfig:	Allows direct access to JsonConfig subsystem.
jsondata:	Retrieve localized JSON data.
languagesearch:	Search for language names in any script.
linkaccount:	Link an account from a third-party provider to the current user.
liststudents:	Get the usernames and other information for students enrolled in one or more courses.
login:	Log in and get authentication cookies.
logout:	Log out and clear session data.
managetags:	Perform management tasks relating to change tags.
massmessage:	Send a message to a list of pages.
mergehistory:	Merge page histories.
mobileview:	Returns data needed for mobile views.
move:	Move a page.
oathvalidate:	Validate a two-factor authentication (OATH) token.
opensearch:	Search the wiki using the OpenSearch protocol.
options:	Change preferences of the current user.

pagetriageaction:	Mark an article as reviewed or unreviewed.
pagetrialist:	Get a list of page IDs for building a PageTriage queue.
pagetriagestats:	Get the stats for page triage.
pagetriage tagging:	Add tags to an article.
pagetriage template:	Fetch templates that are used within the PageTriage application.
paraminfo:	Obtain information about API modules.
parse:	Parses content and returns parser output.
parser-migration:	Parse a page with two different tidy configurations.
parsoid-batch:	Batch API for Parsoid
patrol:	Patrol a page or revision.
protect:	Change the protection level of a page.
purge:	Purge the cache for the given titles.
query:	Fetch data from and about MediaWiki.
record-lint:	Record a lint error in the database
refresheducation:	Rebuild summary data of Education Program objects.
removeauthenticationdata:	Remove authentication data for the current user.
resetpassword:	Send a password reset email to a user.
review:	Review a revision by approving or de-approving it.
reviewactivity:	Advertise or de-advertise yourself as reviewing an unreviewed page or unreviewed changes.
revisiondelete:	Delete and undelete revisions.
rollback:	Undo the last edit to the page.
rsd:	Export an RSD (Really Simple Discovery) schema.
sanitize-mapdata:	Performs data validation for Kartographer extension
scribunto-console:	Internal module for servicing XHR requests from the Scribunto console.
setglobalaccountstatus:	Set a global user's status.
setnotificationtimestamp:	Update the notification timestamp for watched pages.
setpagelanguage:	Change the language of a page.
shortenurl:	Shorten a long URL into a shorter one.
sitematrix:	Get Wikimedia sites list.
spamblacklist:	Validate one or more URLs against the SpamBlacklist.

stabilize:	Configure review-protection settings for a page.
stashedit:	Prepare an edit in shared cache.
strikevote:	Allows admins to strike or unstrike a vote.
tag:	Add or remove change tags from individual revisions or log entries.
templatedata:	Fetch data stored by the TemplateData extension.
thank:	Send a thank-you notification to an editor.
titleblacklist:	Validate a page title, filename, or username against the TitleBlacklist.
transcodereset:	Users with the 'transcode-reset' right can reset and re-run a transcode job.
ulslocalization:	Get the localization of ULS in the given language.
unblock:	Unblock a user.
undelete:	Restore revisions of a deleted page.
unlinkaccount:	Remove a linked third-party account from the current user.
upload:	Upload a file, or get the status of pending uploads.
userrights:	Change a user's group membership.
validatepassword:	Validate a password against the wiki's password policies.
visualeditor:	Returns HTML5 for a page from the Parsoid service.
visualeditoredit:	Save an HTML5 page to MediaWiki (converted to wikitext via the Parsoid service).
watch:	Add or remove pages from the current user's watchlist.
webapp-manifest:	Returns a webapp manifest.
wikilove:	Give WikiLove to another user.
zeroconfig:	Get configuration of the Zero extension.
tokens:	Deprecated. Get tokens for data-modifying actions.

One of the following values: abusefiltercheckmatch, abusefilterchecksyntax, abusefilterevalexpression, abusefilterunblockautopromote, addstudents, antispoof, block, bouncehandler, categorytree, centralauthtoken, centralnoticecdncacheupdatebanner, centralnoticechoicedata, centralnoticequerycampaign, changeauthenticationdata, checktoken, cirrus-config-dump, cirrus-mapping-dump, cirrus-settings-dump, clearhasmsg, clientlogin, compare, createaccount, cspreport, cxconfiguration, cxdelete, cxpublish, cxsave, cxsuggestionlist, cxtoken, delete, deleteeducation, deleteglobalaccount, echomarkread, echomarkseen, edit, editmassmessagelist, emailuser, enlist, expandtemplates,

fancycaptchareload, featuredfeed, feedcontributions, feedrecentchanges, feedwatchlist, filerevert, flagconfig, globalblock, globaluserrights, graph, help, imagerotate, import, jsonconfig, jsondata, languagesearch, linkaccount, liststudents, login, logout, managetags, massmessage, mergehistory, mobileview, move, oathvalidate, opensearch, options, pagetriageaction, pagetrialist, pagetriagestats, pagetriage tagging, pagetriage template, paraminfo, parse, parser-migration, parsoid-batch, patrol, protect, purge, query, record-lint, refreshededucation, removeauthenticationdata, resetpassword, review, reviewactivity, revisiondelete, rollback, rsd, sanitize-mapdata, scribunto-console, setglobalaccountstatus, setnotificationtimestamp, setpagelanguage, shortenurl, sitematrix, spamblacklist, stabilize, stashedit, strikevote, tag, templatedata, thank, titleblacklist, transcodereset, ulslocalization, unblock, undelete, unlinkaccount, upload, userrights, validatepassword, visualeditor, visualeditredit, watch, webapp-manifest, wikilove, zeroconfig, ~~tokens~~

Default: help

format:

The format of the output.

json:	Output data in JSON format.
jsonfm:	Output data in JSON format (pretty-print in HTML).
none:	Output nothing.
php:	Output data in serialized PHP format.
phpfm:	Output data in serialized PHP format (pretty-print in HTML).
rawfm:	Output data, including debugging elements, in JSON format (pretty-print in HTML).
xml:	Output data in XML format.
xmlfm:	Output data in XML format (pretty-print in HTML).

One of the following values: json, jsonfm, none, php, phpfm, rawfm, xml, xmlfm

Default: jsonfm

maxlag:

Maximum lag can be used when MediaWiki is installed on a database replicated cluster. To save actions causing any more site replication lag, this parameter can make the client wait until the replication lag is less than the specified value. In case of excessive lag, error code maxlag is returned with a message like waiting for \$host: \$lag seconds lagged. See Manual: Maxlag parameter for more information.

Type: integer

smaxage:

Set the s-maxage HTTP cache control header to this many seconds. Errors are never cached.

Type: integer

Default: 0

maxage:

Set the max-age HTTP cache control header to this many seconds. Errors are never cached.

Type: integer

Default: 0

assert: Verify the user is logged in if set to `user`, or has the bot user right if `bot`.

One of the following values: `user`, `bot`

assertuser: Verify the current user is the named user.

Type: user name

requestid: Any value given here will be included in the response. May be used to distinguish requests.

servedby: Include the hostname that served the request in the results.

Type: boolean (details)

curtimestamp: Include the current timestamp in the result.

Type: boolean (details)

responselanginfo: Include the languages used for *uselang* and *errorlang* in the result.

Type: boolean (details)

origin: When accessing the API using a cross-domain AJAX request (CORS), set this to the originating domain. This must be included in any pre-flight request, and therefore must be part of the request URI (not the POST body).

For authenticated requests, this must match one of the origins in the `Origin` header exactly, so it has to be set to something like `https://en.wikipedia.org` or `https://meta.wikimedia.org`. If this parameter does not match the `Origin` header, a 403 response will be returned. If this parameter matches the `Origin` header and the origin is whitelisted, the `Access-Control-Allow-Origin` and `Access-Control-Allow-Credentials` headers will be set.

For non-authenticated requests, specify the value `*`. This will cause the `Access-Control-Allow-Origin` header to be set, but `Access-Control-Allow-Credentials` will be `false` and all user-specific data will be restricted.

uselang: Language to use for message translations. `action=query&meta=siteinfo` with `siprop=languages` returns a list of language codes, or specify `user` to use the current user's language preference, or specify `content` to use this wiki's content language.

Default: `user`

errorformat: Format to use for warning and error text output.

plaintext: Wikitext with HTML tags removed and entities replaced.

wikitext: Unparsed wikitext.

html: HTML.

raw: Message key and parameters.

none: No text output, only the error codes.

bc: Format used prior to MediaWiki 1.29. *errorlang* and *errorsuselocal* are ignored.

One of the following values: plaintext, wikitext, html, raw, none, bc

Default: bc

errorlang:

Language to use for warnings and errors. `action=query&meta=siteinfo` with `siprop=languages` returns a list of language codes, or specify `content` to use this wiki's content language, or specify `uselang` to use the same value as the *uselang* parameter.

Default: uselang

errorsuselocal:

If given, error texts will use locally-customized messages from the MediaWiki namespace.

Type: boolean (details)

centralauthtoken:

When accessing the API using a cross-domain AJAX request (CORS), use this to authenticate as the current SUL user. Use `action=centralauthtoken` on this wiki to retrieve the token, before making the CORS request. Each token may only be used once, and expires after 10 seconds. This should be included in any pre-flight request, and therefore should be included in the request URI (not the POST body).

Examples:

Help for the main module.

`api.php?action=help` [open in sandbox]

All help in one page.

`api.php?action=help&recursivesubmodules=1` [open in sandbox]

Permissions:

writeapi

Use of the write API

Granted to: all, user and bot

apihighlimits

Use higher limits in API queries (slow queries: 500; fast queries: 5000). The limits for slow queries also apply to multivalue parameters.

Granted to: bot, sysop and researcher

Data types

Input to MediaWiki should be NFC-normalized UTF-8. MediaWiki may attempt to convert other input, but this may cause some operations (such as edits with MD5 checks) to fail.

Some parameter types in API requests need further explanation:

boolean

Boolean parameters work like HTML checkboxes: if the parameter is specified, regardless of value, it is considered true. For a false value, omit the parameter entirely.

timestamp

Timestamps may be specified in several formats. ISO 8601 date and time is recommended. All times are in UTC, any included timezone is ignored.

- ISO 8601 date and time, `2001-01-15T14:56:00Z` (punctuation and z are optional)
- ISO 8601 date and time with (ignored) fractional seconds, `2001-01-15T14:56:00.00001Z` (dashes, colons, and z are optional)
- MediaWiki format, `20010115145600`
- Generic numeric format, `2001-01-15 14:56:00` (optional timezone of GMT, +##, or -## is ignored)
- EXIF format, `2001:01:15 14:56:00`

- RFC 2822 format (timezone may be omitted), *Mon, 15 Jan 2001 14:56:00*
- RFC 850 format (timezone may be omitted), *Monday, 15-Jan-2001 14:56:00*
- C ctime format, *Mon Jan 15 14:56:00 2001*
- Seconds since 1970-01-01T00:00:00Z as a 1 to 13 digit integer (excluding 0)
- The string now

alternative multiple-value separator

Parameters that take multiple values are normally submitted with the values separated using the pipe character, e.g. `param=value1|value2` or `param=value1%7Cvalue2`. If a value must contain the pipe character, use U+001F (Unit Separator) as the separator *and* prefix the value with U+001F, e.g. `param=%1Fvalue1%1Fvalue2`.

Credits

API developers:

- Yuri Astrakhan (creator, lead developer Sep 2006–Sep 2007)
- Roan Kattouw (lead developer Sep 2007–2009)
- Victor Vasiliev
- Bryan Tong Minh
- Sam Reed
- Brad Jorsch (lead developer 2013–present)

Please send your comments, suggestions and questions to mediawiki-api@lists.wikimedia.org or file a bug report at <https://phabricator.wikimedia.org/>.

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