

 本页是MediaWiki Action API帮助文档的一部份。

本页概述了以api.php接入点为代表的MediaWiki **Action API**。 此页面适用于想要了解和使用MediaWiki Action API的技术贡献者和软件开发人员。

快速入门

以HTML格式获取英文维基百科中某篇条目的内容：

api.php ? action=parse & page=Pet_door & format=json (https://en.wikipedia.org/w/api.php?action=parse&page=Pet_door&format=json) **[在Api沙盒中尝试]** (https://en.wikipedia.org/wiki/Special:ApiSandbox?action=parse&page=Pet_door&format=json)

接入点

所有**Wikimedia**的**wiki**都有如下形式的接入点： https://www.example.org/w/api.php

Wikimedia WIKI接入点的示例	
API 接入点	Wiki
https://www.mediawiki.org/w/api.php	MediaWiki API
https://meta.wikimedia.org/w/api.php	Meta-Wiki API
https://en.wikipedia.org/w/api.php	English Wikipedia API
https://nl.wikipedia.org/w/api.php	Dutch Wikipedia API
https://commons.wikimedia.org/w/api.php	Wikimedia Commons API
https://test.wikipedia.org/w/api.php	Test Wiki API

要看特定wiki上的URL接入点,请查看Special:Version页面上的“接入点URL”章节。

介绍

MediaWiki Action API是一项Web服务，可以访问一些wiki功能，如身份验证、页面操作和搜索。它可以提供有关wiki和已登录用户的元信息。

MediaWiki Action API的使用方式

- 监控MediaWiki的安装
- 创建一个机器人以维护MediaWiki的安装
- 登录到某个wiki、获取数据、以及通过使用HTTP请求将更改发布到网络服务器上

开始使用MediaWiki Action API

在开始使用MediaWiki Action API之前，您应该查看以下页面：

- [API成规和使用指南](#)
- [常见问题](#)
- [输入输出格式](#)
- [错误和警告](#)
- 任何一个适用于您要访问的维基的政策，例如[维基媒体基金会wiki的使用条款](#)与[商标策略](#)。 这些条款在您使用API访问或编辑时适用，就像您使用网络浏览器时一样。

API帮助文档



Main module

[[Documentation](#) • [Etiquette & usage guidelines](#) • [FAQ](#) • [Mailing list \(https://lists.wikimedia.org/postorius/lists/mediawiki-api.lists.wikimedia.org/\)](#) • [API Announcements \(https://lists.wikimedia.org/postorius/lists/mediawiki-api-announce.lists.wikimedia.org/\)](#) • [Bugs & requests \(https://phabricator.wikimedia.org/maniphest/query/GebfyV4uCaLd/#R\)](#)]

- Source: [MediaWiki](#)
- License: [GPL-2.0-or-later](#)

Status: The MediaWiki API is a mature and stable interface that is actively supported and improved. While we try to avoid it, we may occasionally need to make breaking changes; subscribe to the mediawiki-api-announce mailing list (<https://lists.wikimedia.org/hyperkitty/list/mediawiki-api-announce@lists.wikimedia.org/>) 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](#).

Specific parameters:

action:	Which action to perform.
abusefiltercheckmatch:	Check to see if an AbuseFilter matches a set of variables, an edit, or a 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.
abuselogprivatedetails:	View private details of an AbuseLog entry.
acquiretempusername:	Acquire a temporary user username and stash it in the current session, if temp account creation is enabled and the current user is logged out. If a name has already been stashed, returns the same name.
aggregategroups:	Manage aggregate message groups.
antispoof:	Check a username against AntiSpoof's normalisation checks.
block:	Block a user.
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.
changecontentmodel:	Change the content model of a page
checktoken:	Check the validity of a token from action=query&meta=tokens .
cirrus-config-dump:	Dump of CirrusSearch configuration.
cirrus-mapping-dump:	Dump of CirrusSearch mapping for this wiki.
cirrus-profiles-dump:	Dump of CirrusSearch profiles for this wiki.
cirrus-settings-dump:	Dump of CirrusSearch settings for this wiki.
clearhasmsg:	Clears the hasmsg 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.
createlocalaccount:	Forcibly create a local account. The central account must exist.
delete:	Delete a page.
deleteglobalaccount:	Delete a global user.
discussiontoolsedit:	Post a message on a discussion page.
discussiontoolsfindcomment:	Find a comment by its ID or name.
discussiontoolsgetsubscriptions:	Get the subscription statuses of given topics.
discussiontoolssubscribe:	Subscribe (or unsubscribe) to receive notifications about a topic.

discussiontoolsthank: Send a public thank-you notification for a comment.

echocreateevent: Manually trigger a notification to a user

echomarkread: Mark notifications as read for the current user.

echomarkseen: Mark notifications as seen for the current user.

echomute: Mute or unmute notifications from certain users or pages.

edit: Create and edit pages.

editmassmessagelist: Edit a mass message delivery list.

emailuser: Email a user.

expandtemplates: Expands all templates within wikitext.

featuredfeed: Returns a featured content feed.

feedcontributions: Returns a user's contributions feed.

feedrecentchanges: Returns a recent changes feed.

feedthreads: Return a feed of discussion threads.

feedwatchlist: Returns a watchlist feed.

filerevert: Revert a file to an old version.

flow: Allows actions to be taken on Structured Discussions pages.

flow-parsoid-utils: Convert text between wikitext and HTML.

flowthank: Send a public thank-you notification for a Flow comment.

globalblock: Globally block or unblock a user.

globalpreferenceoverrides: Change local overrides for global preferences for the current user.

globalpreferences: Change global preferences of the current user.

globaluserrights: Add/remove a user to/from global groups.

grouppreview: Set message group workflow states.

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.

languagesearch: Search for language names in any script.

linkaccount: Link an account from a third-party provider to the current user.

login: Log in and get authentication cookies.

logout: Log out and clear session data.

managetags: Perform management tasks relating to change tags.

markfortranslation: Mark a page for translation

massmessage: Send a message to a list of pages.

mergehistory: Merge page histories.

move: Move a page.

newslettersubscribe: Subscribe to or unsubscribe from a newsletter.

opensearch: Search the wiki using the OpenSearch protocol.

options: Change preferences of the current user.

paraminfo: Obtain information about API modules.

parse: Parses content and returns parser output.

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.

removeauthenticationdata: Remove authentication data for the current user.

resetpassword: Send a password reset email to a user.

revisiondelete: Delete and undelete revisions.

<u>rollback:</u>	Undo the last edit to the page.
<u>rsd:</u>	Export an RSD (Really Simple Discovery) schema.
<u>searchtranslations:</u>	Search translations.
<u>setglobalaccountstatus:</u>	Hide or lock (or unhide or unlock) a global user account.
<u>setnotificationtimestamp:</u>	Update the notification timestamp for watched pages.
<u>setpagelanguage:</u>	Change the language of a page.
<u>shortenurl:</u>	Shorten a long URL into a shorter one.
<u>sitematrix:</u>	Get Wikimedia sites list.
<u>spamblacklist:</u>	Validate one or more URLs against the spam block list.
<u>streamconfigs:</u>	Exposes event stream config. Returns only format=json with formatversion=2.
<u>strikevote:</u>	Allows admins to strike or unstrike a vote.
<u>tag:</u>	Add or remove change tags from individual revisions or log entries.
<u>templatedata:</u>	Fetch data stored by the TemplateData extension.
<u>thank:</u>	Send a thank-you notification to an editor.
<u>threadaction:</u>	Allows actions to be taken on threads and posts in threaded discussions.
<u>titleblacklist:</u>	Validate a page title, filename, or username against the TitleBlacklist.
<u>torblock:</u>	Check if an IP address is blocked as a Tor exit node.
<u>transcodereset:</u>	Users with the 'transcode-reset' right can reset and re-run a transcode job.
<u>translationaids:</u>	Query all translations aids.
<u>translationreview:</u>	Mark translations reviewed.
<u>translationstats:</u>	Fetch translation statistics
<u>ttmserver:</u>	Query suggestions from translation memories.
<u>unblock:</u>	Unblock a user.
<u>undelete:</u>	Undelete revisions of a deleted page.
<u>unlinkaccount:</u>	Remove a linked third-party account from the current user.
<u>upload:</u>	Upload a file, or get the status of pending uploads.
<u>userrights:</u>	Change a user's group membership.
<u>validatepassword:</u>	Validate a password against the wiki's password policies.
<u>watch:</u>	Add or remove pages from the current user's watchlist.
<u>webapp-manifest:</u>	Returns a webapp manifest.
<u>webauthn:</u>	API Module to communicate between server and client during registration/authentication process.
<u>wikilove:</u>	Give WikiLove to another user.
<u>bouncehandler:</u>	Internal. Receive a bounce email and process it to handle the failing recipient.
<u>categorytree:</u>	Internal. Internal module for the CategoryTree extension.
<u>cirrus-check-sanity:</u>	Internal. Reports on the correctness of a range of page ids in the search index
<u>collection:</u>	Internal. API module for performing various operations on a wiki user's collection.
<u>cspreport:</u>	Internal. 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.
<u>discussiontoolscompare:</u>	Internal. Get information about comment changes between two page revisions.
<u>discussiontoolspageinfo:</u>	Internal. Returns metadata required to initialize the discussion tools.
<u>discussiontoolspreview:</u>	Internal. Preview a message on a discussion page.
<u>editcheckreferenceurl:</u>	Internal. Check the status of a URL for use as a reference.
<u>fancycaptchareload:</u>	Internal. Get a new FancyCaptcha.
<u>jsondata:</u>	Internal. Retrieve localized JSON data.
<u>managegroupsynchronizationcache:</u>	Internal. Manage group synchronization cache.
<u>managemessagegroups:</u>	Internal. Add a message as a rename of an existing message or a new message in the group during imports

messagegroupsubscription: **Internal.** Message group subscription related operations

oathvalidate: **Internal.** Validate a two-factor authentication (OATH) token.

parser-migration: **Internal.** Parse a page with two different parser configurations.

readinglists: **Internal.** Reading list write operations.

sanitize-mapdata: **Internal.** Performs data validation for Kartographer extension

scribunto-console: **Internal.** Internal module for servicing XHR requests from the Scribunto console.

securepollauth: **Internal.** Allows a remote wiki to authenticate users before granting access to vote in the election.

stashedit: **Internal.** Prepare an edit in shared cache.

timedtext: **Internal.** Provides timed text content for usage by <track> elements

translationcheck: **Internal.** Validate translations.

translationentitysearch: **Internal.** Search for message groups and messages

ulslocalization: **Internal.** Get the localization of ULS in the given language.

ulssetlang: **Internal.** Update user's preferred interface language.

visualeditor: **Internal.** Returns HTML5 for a page from the Parsoid service.

visualeditredit: **Internal.** Save an HTML5 page to MediaWiki (converted to wikitext via the Parsoid service).

wikimediaeventsblockededit: **Internal.** Log information about blocked edit attempts

One of the following values: [abusefiltercheckmatch](#), [abusefilterchecksyntax](#), [abusefilterevalexpression](#), [abusefilterunblockautopromote](#), [abuselogprivatedetails](#), [acquiretempusername](#), [aggregategroups](#), [antispoof](#), [block](#), [centralauthtoken](#), [centralnoticecdncacheupdatebanner](#), [centralnoticechoicedata](#), [centralnoticequercampaign](#), [changeauthenticationdata](#), [changecontentmodel](#), [checktoken](#), [cirrus-config-dump](#), [cirrus-mapping-dump](#), [cirrus-profiles-dump](#), [cirrus-settings-dump](#), [clearhasmsg](#), [clientlogin](#), [compare](#), [createaccount](#), [createlocalaccount](#), [delete](#), [deleteglobalaccount](#), [discussiontoolsedit](#), [discussiontoolsfindcomment](#), [discussiontoolsgetsubscriptions](#), [discussiontoolssubscribe](#), [discussiontoolsthank](#), [echocreateevent](#), [echomarkread](#), [echomarkseen](#), [echomute](#), [edit](#), [editmassmessagelist](#), [emailuser](#), [expandtemplates](#), [featuredfeed](#), [feedcontributions](#), [feedrecentchanges](#), [feedthreads](#), [feedwatchlist](#), [filerevert](#), [flow-parsoid-utils](#), [flow](#), [flowthank](#), [globalblock](#), [globalpreferenceoverrides](#), [globalpreferences](#), [globaluserrights](#), [grouppreview](#), [help](#), [imagerotate](#), [import](#), [jsonconfig](#), [languagesearch](#), [linkaccount](#), [login](#), [logout](#), [managetags](#), [markfortranslation](#), [massmessage](#), [mergehistory](#), [move](#), [newslettersubscribe](#), [opensearch](#), [options](#), [paraminfo](#), [parse](#), [patrol](#), [protect](#), [purge](#), [query](#), [removeauthenticationdata](#), [resetpassword](#), [revisiondelete](#), [rollback](#), [rsd](#), [searchtranslations](#), [setglobalaccountstatus](#), [setnotificationtimestamp](#), [setpagelanguage](#), [shortenurl](#), [sitematrix](#), [spamblacklist](#), [streamconfigs](#), [strikevote](#), [tag](#), [templatedata](#), [thank](#), [threadaction](#), [titleblacklist](#), [torblock](#), [transcodereset](#), [translationaids](#), [translationreview](#), [translationstats](#), [ttmserver](#), [unblock](#), [undelete](#), [unlinkaccount](#), [upload](#), [userrights](#), [validatepassword](#), [watch](#), [webapp-manifest](#), [webauthn](#), [wikilove](#), [bouncehandler](#), [categorytree](#), [cirrus-check-sanity](#), [collection](#), [cspreport](#), [discussiontoolscompare](#), [discussiontoolspageinfo](#), [discussiontoolspreview](#), [editcheckreferenceurl](#), [fancycaptchareload](#), [jsondata](#), [managegroupsynchronizationcache](#), [managemessagegroups](#), [messagegroupsubscription](#), [oathvalidate](#), [parser-migration](#), [readinglists](#), [sanitize-mapdata](#), [scribunto-console](#), [securepollauth](#), [stashedit](#), [timedtext](#), [translationcheck](#), [translationentitysearch](#), [ulslocalization](#), [ulssetlang](#), [visualeditor](#), [visualeditredit](#), [wikimediaeventsblockededit](#)

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

The value must be no less than 0.

Default: 0

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

Type: integer

The value must be no less than 0.

Default: 0

assert: Verify that the user is logged in (including possibly as a temporary user) if set to `user`, *not* logged in if set to `anon`, or has the bot user right if `bot`.

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

assertuser: Verify the current user is the named user.

Type: user, by any of username and Temporary user

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 allowed, 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&siprop=languages](#) returns a list of language codes. You can specify `user` to use the current user's language preference or `content` to use this wiki's content language.

Default: user

variant: Variant of the language. Only works if the base language supports variant conversion.

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: `bc`, `html`, `none`, `plaintext`, `raw`, `wikitext`

Default: `bc`

errorlang:

Language to use for warnings and errors. `action=query&meta=siteinfo&siprop=languages` returns a list of language codes. Specify `content` to use this wiki's content language or `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&recursive submodules=1` [\[open in sandbox\]](#)

Permission:

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 and sysop

其他API

如果您在此API文档中找不到所需内容，则还有许多与维基媒体项目相关的API。

对于包括在MediaWiki 1.35及更改版本的其他API，参见API:REST API。

此表格：[查看](#) • [讨论](#) (https://www.mediawiki.org/wiki/Template_talk:API_comparison) • [编辑](https://www.mediawiki.org/w/index.php?title=Template:API_comparison&action=edit) (https://www.mediawiki.org/w/index.php?title=Template:API_comparison&action=edit)

API	可用情况	根URL	示例
 MediaWiki Action API	随附于MediaWiki 启用于 维基媒体项目	/api.php	https://en.wikipedia.org/w/api.php?action=query&prop=info&titles=Earth
 MediaWiki REST API	随附于MediaWiki 1.35+ 启用于 维基媒体项目	/rest.php	https://en.wikipedia.org/w/rest.php/v1/page/Earth
 Wikimedia REST API	不随附于MediaWiki 仅能用于 维基媒体项目	/api/rest	https://en.wikipedia.org/api/rest_v1/page/title/Earth
 有关维基媒体项目的商业规模API，请参阅 Wikimedia Enterprise			

代码维护

- Maintained by [MediaWiki Interfaces Team](#).
- Live chat (IRC): [#mediawiki-core](#) (<ircs://irc.libera.chat:6697/mediawiki-core>) [连线](https://web.libera.chat/?channel=#mediawiki-core) (<https://web.libera.chat/?channel=#mediawiki-core>)
- Issue tracker: [Phabricator MediaWiki-Action-API](https://phabricator.wikimedia.org/tag/mediawiki-action-api/) (<https://phabricator.wikimedia.org/tag/mediawiki-action-api/>) ([Report an issue](https://phabricator.wikimedia.org/maniphest/task/edit/form/1/?projects=mediawiki-action-api) (<https://phabricator.wikimedia.org/maniphest/task/edit/form/1/?projects=mediawiki-action-api>))