

API:Opensearch

From MediaWiki.org

Language: **English** • 日本語 • polski



This page is part of the MediaWiki action API documentation.

Opensearch

Get pages whose name matches a given string. When limit is reached, results are ordered by number of incoming links.

This module cannot be used as a Generator.

Prefix *none*

Required rights *none*

Post only? No

Generated help Current (<https://www.mediawiki.org/w/api.php?action=help&modules=opensearch>)

Version added **≥ 1.25**

This API is provided by MediaWiki core starting with MediaWiki version 1.25 (gerrit:171573). Prior to MediaWiki 1.25, you needed to install the OpenSearch extension.

Page name searches are case-sensitive. If \$wgCapitalLinks is true (this is the default), the first letter is case-insensitive. If the TitleKey extension is enabled, page name searches are entirely case-insensitive.

Parameters

- **search:** Search string.
- **namespace:** Namespaces to search. (Default: 0)
- **limit:** Maximum number of results to return. (**Note:** prior to MW 1.28,

MediaWiki APIs

Search API pages

- Web APIs showcase
- REST content API (<https://www.mediawiki.org/api/>)

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 - (Un)block users

- this value was capped at 100, regardless of user permissions.) No more than 500 (5000 for bots) allowed. (Default: 10)
 - profile: Search profile to use. Possible values: `strict`, `normal`, `fuzzy`, `classic`. (Default: `fuzzy`)
- 1.28+
 - `strict`: Strict profile with few punctuation characters removed but diacritics and stress marks are kept.
 - `normal`: Few punctuation characters, some diacritics and stopwords removed.
 - `fuzzy`: Similar to normal with typo correction (two typos supported).
 - `classic`: Classic prefix, few punctuation characters and some diacritics removed.
- suggest: Do nothing if `$wgEnableOpenSearchSuggest` is false.
- redirects: How to handle redirects. Possible values: `return`, `resolve`. (Default: `return` when `format=json/jsonfm`; `resolve` otherwise.)
 - `return`: Return the redirect itself.
 - `resolve`: Return the target page. May return fewer than limit results.
- format: The format of the output. Possible values: `json`, `jsonfm`, `xml`, `xmlfm`. (Default: `json`)
- warningsaserror: If warnings are raised with `format=json`, return an API error instead of ignoring them.

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Examples

The opensearch API module handles formats differently. It only recognizes XML and JSON (and their `*fm` formatted versions); every other valid format parameter results in JSON. The JSON format returns an array containing the search query and an array of result titles.

Example of API response in `jsonfm` format

`api.php ? action=opensearch & search=api & limit=10 & namespace=0 & format=jsonfm` (<https://en.wikipedia.org/w/api.php?action=opensearch&search=api&limit=10&namespace=0&format=jsonfm>) [try in ApiSandbox] (<https://en.wikipedia.org/wiki/Special:ApiSandbox#action=opensearch&search=api&limit=10&namespace=0&format=jsonfm>)

Result	[Expand]
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If the wiki loads the `OpenSearchXml` extension or is running MediaWiki version 1.25 or greater, which merged this extension into core, then the XML format returns an OpenSearch XML document with titles and URLs. Furthermore:

- If the wiki loads the `TextExtracts` extension and configures `$wgExtractsExtendOpenSearchXml` true, then each Item in the XML format may include a `<Description>` tag with a text extract from the article.
- Likewise, if the wiki loads the `PageImages` extension and configures

\$wgPageImagesExpandOpenSearchXml true, then each Item in the XML format may include an <Image> tag with a thumbnail image from the article.

Example API response in xmlfm format

api.php ? action=opensearch & search=api & limit=2 & namespace=0 & format=xmlfm (<https://en.wikipedia.org/w/api.php?action=opensearch&search=api&limit=2&namespace=0&format=xmlfm>) [try in ApiSandbox] (<https://en.wikipedia.org/wiki/Special:ApiSandbox#action=opensearch&search=api&limit=2&namespace=0&format=xmlfm>)

Result	[Expand]
	<div>The following documentation is the output of Special:ApiHelp/opensearch, generated from opensearch's source code.</div>

action=opensearch

([main](#) | [opensearch](#))

Search the wiki using the OpenSearch protocol.

<https://www.mediawiki.org/wiki/API:Opensearch>

- This module requires read rights.
- Source: MediaWiki
- License: GPL-2.0+

Parameters:

search:	Search string.
	This parameter is required.
namespace:	Namespaces to search.
	Values (separate with or alternative): 0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 90, 91, 92, 93, 100, 101, 102, 103, 104, 105, 106, 107, 486, 487, 828, 829, 1198, 1199, 2300, 2301, 2302, 2303, 2600
	To specify all values, use *.
	Default: 0
limit:	Maximum number of results to return.
	No more than 500 (5,000 for bots) allowed.
	Type: integer or max
	Default: 10
profile:	Search profile to use.
	strict: Strict profile with few punctuation characters removed but diacritics and stress marks are kept.
	normal: Few punctuation characters, some diacritics and

stopwords removed.

normal-subphrases: Few punctuation characters, some diacritics and stopwords removed. It will match also subphrases (can be subphrases or subpages depending on internal wiki configuration).

fuzzy: Similar to normal with typo correction (two typos supported).

fuzzy-subphrases: Similar to normal with typo correction (two typos supported). It will match also subphrases (can be subphrases or subpages depending on internal wiki configuration).

classic: Classic prefix, few punctuation characters and some diacritics removed.

One of the following values: strict, normal, normal-subphrases, fuzzy, fuzzy-subphrases, classic

Default: fuzzy

suggest: Do nothing if *\$wgEnableOpenSearchSuggest* is false.

Type: boolean (details)

redirects: How to handle redirects:

return: Return the redirect itself.

resolve: Return the target page. May return fewer than limit results.

For historical reasons, the default is "return" for format=json and "resolve" for other formats.

One of the following values: return, resolve

format: The format of the output.

One of the following values: json, jsonfm, xml, xmlfm

Default: json

warningsaserror: If warnings are raised with format=json, return an API error instead of ignoring them.

Type: boolean (details)

Example:

Find pages beginning with Te.

See also

- [API:Search](#)
- [Extension:OpenSearchXml](#) (merged into core in MediaWiki 1.25) provides search plugin autodetection for browsers

Retrieved from "https://www.mediawiki.org/w/index.php?title=API:Opensearch&oldid=2214614"

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