
wikimedia-cli

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Sky "g3ner1c" H.

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wikimedia-cli is a command line interface to the Wikimedia API, allowing you to access Wikimedia projects and their data from the command line.

```
$ wiki p article "ukraine invasion"
```

```
2022 Russian invasion of Ukraine
```

```
-----
```

```
On 24 February 2022, Russia invaded Ukraine, marking a steep escalation of the
Russo-Ukrainian War, which had begun in 2014. The invasion has caused Europe's
largest refugee crisis since World War II, with more than 6.2 million Ukrainians
fleeing the country and a third of the population displaced. ...
```


INSTALLATION

1.1 PyPI

```
pip install wikimedia-cli
```

1.2 Manual Installation

```
pip install git+https://github.com/g3ner1c/wikimedia-cli
```

1.3 Set up a development environment

```
git clone https://github.com/g3ner1c/wikimedia-cli
cd wikimedia-cli
poetry install
```


WIKIPEDIA - P

2.1 Common Arguments and Options

2.1.1 `-l, --lang <lang>`

ISO 639-1 language code of localized Wikipedia to use
Defaults to `en`.

2.1.2 `<title>`

Title of article to interact with.

2.2 `p article`

`wiki p article [-h] [-l <lang>] [-s] [-w <width>] [-u] [--no-title] <title>`

Read articles from Wikipedia.

2.2.1 Options

`-s, --summary`

Print a short summary of the article instead of the entire page.
Sets `--no-title`.

`-w, --width <width>`

Set the maximum width of text wrapping.
0 for no wrapping.
Defaults to 80.

-u, --url

Print the URL of the article after the text.

--no-title

Don't print the title heading of the article.

2.2.2 Inherited options

-l, --lang <lang>

ISO 639-1 language code of localized Wikipedia to use.
Defaults to en.

<title>

Title of article to interact with.

2.2.3 Examples

```
$ wiki p article "ukraine invasion"
```

```
2022 Russian invasion of Ukraine
```

```
-----  
On 24 February 2022, Russia invaded Ukraine, marking a steep escalation of the  
Russo-Ukrainian War, which had begun in 2014. The invasion has caused Europe's  
largest refugee crisis since World War II, with more than 6.2 million Ukrainians  
fleeing the country and a third of the population displaced. ...
```

```
$ wiki p article "ukraine invasion" | wc  
1373 14231 93024
```

```
$ wiki p article -s "ukraine invasion" | wc  
57 662 4427
```

```
$ wiki p article -l fr "invasion de l'ukraine"
```

```
Invasion de l'Ukraine par la Russie en 2022
```

```
-----  
L'invasion de l'Ukraine par la Russie en 2022, aussi appelée guerre d'Ukraine ou  
guerre russo-ukrainienne de 2022, est une campagne militaire déclenchée le 24  
février 2022 sur ordre du président russe Vladimir Poutine.  
Elle intervient à la suite de la crise ukrainienne, née du mouvement Euromaïdan  
de 2013-2014 qui avait été suivi de la guerre du Donbass à partir de 2014. ...
```

2.3 p search

```
wiki p search [-h] [-l <lang>] [-n <num>] [--no-index] [--no-query] <title>
```

Search for articles on Wikipedia.

2.3.1 Options and arguments

-n, --results <num>

Set the number of results to return.
Defaults to 10.

--no-index

Don't index results
Sets --no-query.

--no-query

Don't ask for an article query.

2.3.2 Inherited options and arguments

-l, --lang <lang>

ISO 639-1 language code of localized Wikipedia to use.
Defaults to en.

<title>

Title of article to interact with.

2.3.3 Examples

```
$ wiki p search "ukraine invasion"
(1) 2022 Russian invasion of Ukraine
(2) Russo-Ukrainian War
(3) Timeline of the 2022 Russian invasion of Ukraine
(4) Government and intergovernmental reactions to the 2022 Russian invasion of Ukraine
(5) List of invasions and occupations of Ukraine
(6) Legality of the 2022 Russian invasion of Ukraine
(7) Prelude to the 2022 Russian invasion of Ukraine
(8) List of Russian generals killed during the 2022 invasion of Ukraine
(9) Ukrainian-Soviet War
(10) Protests against the 2022 Russian invasion of Ukraine
```

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Enter article index

> 6

Legality of the 2022 Russian invasion of Ukraine

The 2022 Russian invasion of Ukraine violated international law (including the Charter of the United Nations), and constitutes a crime of aggression in international criminal law. The invasion has also been called unlawful under some countries' domestic criminal codes - including those of Ukraine and Russia- although procedural obstacles exist to prosecutions under these laws. ...

2.4 p revision

```
wiki p revision [-h] [-l <lang>] [-f] <title>
```

View revision history and live revisions of articles.

2.4.1 Options and arguments

-f, --feed

View live revision feed

New revisions will automatically print to terminal as the command is left running

Exact title of article is required, case-insensitive (*fuzzy searching in the works*)

2.4.2 Inherited options and arguments

-l, --lang <lang>

ISO 639-1 language code of localized Wikipedia to use.

Defaults to en.

<title>

Title of article to interact with.

2.4.3 Examples

```
$ wiki p revision -f "2022 Russian invasion of Ukraine"
#1074359973
Article Size: 348287 bytes
by Leaky.Solar at 2022-02-27T21:30:18Z
Section: Foreign military support to Ukraine
linked [[List of international military aid of Russo-Ukrainian War]] by see also template
```

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```
#1074360822
+826 bytes diff
by Rf10216 at 2022-02-27T21:36:52Z
Filled in 3 bare reference(s) with reFill 2

#1074360897
+1036 bytes diff
by Ingenuity at 2022-02-27T21:37:13Z
add azerbaijani citizens killed to infobox

#1074361141
+1954 bytes diff
by Leaky.Solar at 2022-02-27T21:39:15Z
Section: Reactions
attempted start of section for how crisis is seen through social media
```

2.5 p http

```
wiki p http [-h] [-j] [-l <lang>] [<params> ...]
```

Request HTTP GET requests to the Wikipedia API.

2.5.1 Options and arguments

<params>

Parameters to pass to the Wikipedia API.

Parameters take the form of **key=value** and are sperated by spaces to pass as individual arugments.

If **--json** is set, **<params>** will take one argument as a JSON.

-j, --json

Take **<params>** as JSON.

2.5.2 Inherited options and arguments

-l, --lang <lang>

ISO 639-1 language code of localized Wikipedia to use
Defaults to en.

2.5.3 Examples

```
$ wiki p http format=json action=query prop=info titles=bread | jq
{
  "batchcomplete": "",
  "query": {
    "normalized": [
      {
        "from": "bread",
        "to": "Bread"
      }
    ],
    "pages": {
      "36969": {
        "pageid": 36969,
        "ns": 0,
        "title": "Bread",
        "contentmodel": "wikitext",
        "pagelanguage": "en",
        "pagelanguagehtmlcode": "en",
        "pagelanguagedir": "ltr",
        "touched": "2022-05-22T17:50:39Z",
        "lastrevid": 1079133817,
        "length": 50871
      }
    }
  }
}
```

```
$ wiki p http -j '{"format":"json","action":"query","prop":"pageviews","titles":"NATO",
↪ "pvipdays":14}' | jq
{
  "batchcomplete": "",
  "query": {
    "pages": {
      "21133": {
        "pageid": 21133,
        "ns": 0,
        "title": "NATO",
        "pageviews": {
          "2022-05-09": 15024,
          "2022-05-10": 15483,
          "2022-05-11": 19099,
          "2022-05-12": 53220,
          "2022-05-13": 44733,
          "2022-05-14": 34677,
          "2022-05-15": 61166,
          "2022-05-16": 72129,
          "2022-05-17": 51661,
          "2022-05-18": 51762,
          "2022-05-19": 38754,
          "2022-05-20": 26217,
          "2022-05-21": 18488,
```

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```
    "2022-05-22": null  
  }  
}  
}
```


WIKTIONARY - T

3.1 Common Arguments and Options

3.1.1 `-l, --lang <lang>`

ISO 639-1 language code of localized Wiktionary to use (Defaults to `en`).

3.1.2 `<title>`

Name of phrase to interact with.

3.2 `t phrase`

`wiki t phrase [-h] [-l <lang>] [-s] [-w <width>] [-u] [--no-title] <title>`

Define phrases from Wiktionary.

3.2.1 Options

`-s, --summary`

Print a short summary of the phrase instead of the entire page.
Sets `--no-title`.

`-w, --width <width>`

Set the maximum width of text wrapping.
0 for no wrapping.
Defaults to 80.

-u, --url

Print the URL of the page after the text.

--no-title

Don't print the title heading of the definition.

3.2.2 Inherited options

-l, --lang <lang>

ISO 639-1 language code of localized Wiktionary to use.
Defaults to en.

<title>

Name of phrase to interact with.

3.2.3 Examples

```
$ wiki t phrase "cool"

cool
-----

== English ==

=== Alternative forms ===
(slang) c00l, coo, k00l, kewl, kool, qewl, qool

=== Pronunciation ===
enPR: kool, IPA(key): /kul/
Rhymes: -ul

=== Etymology 1 ===
From Middle English cool, from Old English cōl (“cool, cold, tranquil, calm”),
from Proto-West Germanic *kōl(ī), from Proto-Germanic *kōlaz, *kōluz (“cool”),
from Proto-Indo-European *gel- (“cold”). Cognate with Saterland Frisian köil
(“cool”), West Frisian koel (“cool”), Dutch koel (“cool”), Limburgish kool
(“cool”), German Low German köhl (“cool”), German kühl (“cool”). Related to
cold.

==== Adjective ====
```

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cool (comparative cooler, superlative coolest)

Having a slightly low temperature; mildly or pleasantly cold.

Synonym: chilly

Antonyms: lukewarm, tepid, warm

Allowing or suggesting heat relief.

...

3.3 t search

```
wiki t search [-h] [-l <lang>] [-n <num>] [--no-index] [--no-query] <title>
```

Search for phrases on Wiktionary.

3.3.1 Options and arguments

-n, --results <num>

Set the number of results to return.

Defaults to 10.

--no-index

Don't index results

Sets --no-query.

--no-query

Don't ask for a phrase query.

3.3.2 Inherited options and arguments

-l, --lang <lang>

ISO 639-1 language code of localized Wiktionary to use.

Defaults to en.

<title>

Name of phrase to interact with.

3.3.3 Examples

```
$ wiki t search "effect"
(1) effect
(2) to the effect
(3) take effect
(4) in effect
(5) come into effect
(6) adverse effect
(7) Seebeck effect
(8) domino effect
(9) Peltier effect
(10) put into effect

Enter phrase index
> 8

domino effect
-----

== English ==

=== Etymology ===
An allusion to a row of dominoes in which the fall of one leads to a cascade of
falling pieces.

=== Noun ===
domino effect (plural domino effects)

The situation in which one event sets off a chain of additional events.
(politics, historical) The theory that, if South Vietnam fell to Communism, it
would be followed by Cambodia, Laos, additional Southeast Asian countries, other
Asian countries, and likely even elsewhere.
Synonym: domino theory
```

3.4 t revision

```
wiki t revision [-h] [-l <lang>] [-f] <title>
```

View revision history and live revisions of articles

3.4.1 Options and arguments

-f, --feed

View live revision feed

New revisions will automatically print to terminal as the command is left running

Exact phrase is required (*fuzzy searching in the works*)

3.4.2 Inherited options and arguments

-l, --lang <lang>

ISO 639-1 language code of localized Wikipedia to use.

Defaults to **en**.

<title>

Name of phrase to interact with.

3.5 t http

```
wiki t http [-h] [-j] [-l <lang>] [<params> ...]
```

Request HTTP GET requests to the Wiktionary API.

3.5.1 Options and arguments

<params>

Parameters to pass to the Wiktionary API.

Parameters take the form of **key=value** and are separated by spaces to pass as individual arguments.

If **--json** is set, **<params>** will take one argument as a JSON.

-j, --json

Take <params> as JSON.

3.5.2 Inherited options and arguments

-l, --lang <lang>

ISO 639-1 language code of localized Wikipedia to use
Defaults to en.

3.5.3 Examples

```
$ wiki t http format=json action=query prop=info titles=quizzacious | jq
{
  "batchcomplete": "",
  "query": {
    "pages": {
      "4987614": {
        "pageid": 4987614,
        "ns": 0,
        "title": "quizzacious",
        "contentmodel": "wikitext",
        "pagelanguage": "en",
        "pagelanguagehtmlcode": "en",
        "pagelanguagedir": "ltr",
        "touched": "2022-05-23T09:18:18Z",
        "lastrevid": 60294187,
        "length": 484
      }
    }
  }
}
```

```
$ wiki t http -j '{"format":"json","action":"query","prop":"pageviews","titles":"NFT",
↪ "pvipdays":14}' | jq
{
  "batchcomplete": "",
  "query": {
    "pages": {
      "7990038": {
        "pageid": 7990038,
        "ns": 0,
        "title": "NFT",
        "pageviews": {
          "2022-05-09": 4,
          "2022-05-10": 8,
          "2022-05-11": 7,
          "2022-05-12": 5,
          "2022-05-13": 8,
          "2022-05-14": 4,

```

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```

    "2022-05-15": 6,
    "2022-05-16": 5,
    "2022-05-17": 7,
    "2022-05-18": 6,
    "2022-05-19": 22,
    "2022-05-20": 22,
    "2022-05-21": 11,
    "2022-05-22": 8
  }
}
}
}
}

```