Wiki Wiki Word Word API Documentation

http://flip2.engr.oregonstate.edu:7765/api/

The Wiki Wiki Word Word API provides an interface for developers to perform a Wikipedia search and get back a list of Wikipedia pages, with short summaries for each page.

Request

```
GET http://flip2.engr.oregonstate.edu:7765/api/?search_term=word1%20word2
```

- The API accepts GET requests with the search term passed in the query string
  - above, `word1%20word2` is the placeholder string for the search term

- The caller must be on OSU's network (either on campus or via VPN) in order to successfully call the API endpoint.

Parameters

Name	Type	Description
search_term	String	Pass the single parameter, `search_term`, in the query string with the search term string as its value. If the search term string includes multiple words, separate them by replacing the space character with either `%20` or `+` (both are acceptable url encodings for the url's query string).

Response

The API returns a JSON response with:

- The number of search results, which can be anywhere from 0 to 10 Wikipedia pages, depending on the results returned from Wikipedia's internal search.

- The pages object, which is a set of indexes representing each page result. The lower the index number, the more relevant the results: index 1 indicates the most relevant result and index 10 (or the highest index number in the pages object) indicates the least relevant result.

- The individual page object(s). Each page object includes the page id, the page title, a short summary of the page, which Wikipedia calls the page's "extract", and a url to the page.

Note: Depending on the search term, the search results mileage will vary. While Wikipedia's search is very robust, the more specific the search term and the more content that Wikipedia has regarding that term, the more relevant the results will be.

Response Body: JSON Properties

Name	Value Type	Description
numResults	number	The number of search results
pages	object	Contains the indexes of the search results, where [index] represents a number (example, "1", "2", "3", etc.) The lower the index number, the more relevant the page is to the search term If there are 0 results, the pages object is empty Note: With JSON, keys cannot be number types so each index is of type string and its value type is an object
pages.[index]	object	Contains the individual page details
pages.[index].pageid	number	The Wikipedia page id
pages.[index].title	string	The Wikipedia page title
pages.[index].extract	string	Up to 3 sentences from the Wikipedia page's extract, which is a content type that Wikipedia uses for page summaries

pages.[index].url	string	The Wikipedia page url (There are a couple urls that resolve to a Wikipedia page. The url provided by the API uses the page title, not the page id.)

Example 1:

The below example shows a response body with the max number of results (10), returned for the request:

http://flip2.engr.oregonstate.edu:7765/api/?search_term=new+york+knicks

Note: The response body is abbreviated with ellipses, for legibility.

```
{

    "pages": {

        "1": {

            "pageid": 72855,

            "title": "New York Knicks",

            "extract": "The New York Knickerbockers, more commonly
                        referred to as the New York Knicks, are an
                        American professional basketball team based
                        in the New York City borough of Manhattan.
                        The Knicks compete in the National Basketball
                        Association (NBA) as a member of the Atlantic
                        Division of the Eastern Conference. The team
                        plays its home games at Madison Square
                        Garden, an arena they share with the New York
                        Rangers of the National Hockey League
                        (NHL).",

            "url": "https://en.wikipedia.org/wiki/New_York_Knicks"

        },

        "2": {

            "pageid": 65570862,

            "title": "2020-21 New York Knicks season",
```

        "extract": "The 2020-21 New York Knicks season is the
                    75th season of the franchise in the National
                    Basketball Association (NBA). On July 30,
                    2020, the Knicks hired Tom Thibodeau as their
                    new head coach.Fan attendance in home games
                    was prohibited until February 23, 2021, per
                    an executive order from Governor of New York
                    Andrew Cuomo. The Knicks reopened Madison
                    Square Garden to spectators on February 23.On
                    May 3, with a 118-104 win over the Memphis
                    Grizzlies, the Knicks clinched their first
                    winning season since the 2012-13 season.",

        "url":
"https://en.wikipedia.org/wiki/2020-21_New_York_Knicks_season"

},

.

.

.

"10": {

        "pageid": 27713583,

        "title": "2010-11 New York Knicks season",

        "extract": "The 2010-11 New York Knicks was the 65th
                    season of the New York Knicks in the National
                    Basketball Association (NBA).\nWith the
                    respective offseason and midseason
                    acquisitions of Amar'e Stoudemire and Carmelo
                    Anthony, the Knicks returned to the playoffs
                    for the first time since 2004 and achieved
                    their first winning season since 2000-01.
                    However, without fellow midseason acquisition
                    Chauncey Billups for the rest of the season
                    after suffering a knee injury, the Knicks
                    would go on to be swept in four games by the
                    Boston Celtics.",

        "url":
"https://en.wikipedia.org/wiki/2010-11_New_York_Knicks_season"

```
        }

    },

    "numResults": 10

}
```

Example 2:

The below example shows a response body with zero results, returned for the request:
http://flip2.engr.oregonstate.edu:7765/api/?search_term=keybash+epajmvpbiaojvaionaelv+fioanva

```
{

    "numResults": 0,

    "pages": {}

}
```