ndic Documentation

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Contents

Ndic is Python package for NAVER English-Korean and Korean-English dictionaries.

Search of both English-Korean and Korean-English dictionaries is provided.

Ndic works by crawling the web http://endic.naver.com/. To crawl, it uses Requests and BeautifulSoup. Therefore, you should use it in **Internet Environments**.

Ndic supports Python Python 2.7 & 3.4–3.7 because Requests officially supports these versions.

Installation

Install via pip:

```
pip install ndic
```

Quickstart

The usage is very simple.

But, make sure that:

- Ndic is installed
- The user is connected to the Internet.

Let's get started with some simple examples.

2.1 Search for Words

Begin by importing the Ndic module:

```
>>> import ndic
```

Entering an English word as the `search` function argument will return the corresponding Korean word(s).

```
>>> ndic.search('apple')
''
```

Conversely, entering a Korean word as the `search` function argument will return the corresponding English word(s).

```
>>> ndic.search('')
'Hi!'
```

2.2 Multiple Definitions

If the word you search has multiple meanings, you can choose the meaning of the desired order.

Unless you set any xth value, you will get the first meaning of the word.

```
>>> ndic.search('', 1)  # 1st meaning
'() word, language, speech, (literary) tongue'
>>> ndic.search('', 2)  # 2nd meaning
'() horse'
```

2.3 Search for Phrases

Phrases may also be searched.

```
>>> ndic.search('in order to')
'() '
```

2.4 Search for Nonexistent Words

Entering a nonexistent word as the `search` function argument will return the empty string.

```
>>> ndic.search("aslkjfwe")
''
>>> ndic.search("")
''
```

2.5 Network Error

If your network connection is lost, you will get below error message.

```
>>> ndic.search('...')
NdicConnectionError: Network connection is lost. Please check the connection to the
→Internet.
```

Command Line Interface

Furthermore, Ndic supports CLI(Command Line System).

So you can use it in command line and get the return value of the `search` fuction in terminals. It works by Click.

```
$ ndic love
(  )
$ ndic get --xth 2 # or -x 2
, ; (obtain)
```