



Search projects

[Help](#)[Sponsor](#)[Log in](#)[Register](#)

pyphonetics 0.5.3

[Latest version](#)

pip install pyphonetics

Released: Feb 25, 2020

A Python 3 phonetics library.

Navigation

[Project description](#)[Release history](#)[Download files](#)

Project links

[Homepage](#)

Statistics

GitHub statistics:



Stars: 61



Forks: 16



Open issues/PRs: 1

View statistics for this project via [Libraries.io](#) ↗, or by using [our public dataset on Google BigQuery](#) ↗

Meta

License: MIT License

Author: [Lilykos](#) ↗

Maintainers



[Lilykos](#)

Classifiers

Intended Audience

- [Developers](#)

License

- [OSI Approved :: MIT License](#)

Programming Language

- [Python :: 3](#)

Topic

- [Software Development :: Libraries :: Python Modules](#)

Project description

Pyphonetics is a Python 3 library for phonetic algorithms. Right now, the following algorithms are implemented and supported:

- Soundex*
- Metaphone*
- Refined Soundex*
- Fuzzy Soundex*
- Lein*
- Matching Rating Approach*

More will be added in the future.

Instalation

The module is available in PyPI, just use *pip install pyphonetics*.

Usage

```
>>> from pyphonetics import Soundex
>>> soundex = Soundex()
>>> soundex.phonetics('Rupert')
'R163'
>>> soundex.phonetics('Robert')
'R163'
>>> soundex.sounds_like('Robert', 'Rupert')
True
```

The same API applies to every algorithm, e.g:

```
>>> from pyphonetics import Metaphone
>>> metaphone = Metaphone()
>>> metaphone.phonetics('discrimination')
'TSKRMNXN'
```

You can also use the *distance(word1, word2, metric='levenshtein')* method to find the distance between 2 phonetic representations.

```
>>> from pyphonetics import RefinedSoundex
>>> rs = RefinedSoundex()
>>> rs.distance('Rupert', 'Robert')
0
>>> rs.distance('assign', 'assist', metric='hamming')
2
```

Credits

The module was largely based on the implementation of phonetic algorithms found in the Talisman.js (<https://github.com/Yomguithereal/talisman>) Node NLP library.



Help

- [Installing packages](#) ↗
- [Uploading packages](#) ↗
- [User guide](#) ↗
- [FAQs](#)

About PyPI

- [PyPI on Twitter](#) ↗
- [Infrastructure dashboard](#) ↗
- [Package index name retention](#) ↗
- [Our sponsors](#)

Contributing to PyPI

- [Bugs and feedback](#)
- [Contribute on GitHub](#) ↗
- [Translate PyPI](#) ↗
- [Development credits](#) ↗

Using PyPI

- [Code of conduct](#) ↗
- [Report security issue](#)
- [Privacy policy](#) ↗
- [Terms of use](#)

Status: [Minor Service Outage](#) ↗

Developed and maintained by the Python community, for the Python community.
[Donate today!](#)

© 2021 [Python Software Foundation](#) ↗
[Site map](#)

► English

[español](#)

[français](#)

[日本語](#)

[português \(Brasil\)](#)

[українська](#)

[Ελληνικά](#)

[Deutsch](#)

[中文\(简体\)](#)

[русский](#)

[עברית](#)



Pingdom
Monitoring



Google
Object Storage and
Download Analytics



Sentry
Error logging



AWS
Cloud computing



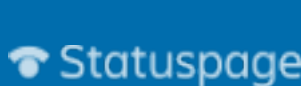
Datadog
Monitoring



Fastly
CDN



DigiCert
EV certificate



StatusPage
Status page