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pyphonetics 0.5.3

```
pip install pyphonetics
```

Latest version

Released: Feb 25, 2020

A Python 3 phonetics library.

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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

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Maintainers

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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.