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# **schwurbler Documentation**

**Signaltonsalat**

**Jun 01, 2021**



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This is the documentation of **schwurbler**.

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# CHAPTER 1

## Contents

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## 1.2 Contributors

- Signaltonsalat

## 1.3 Changelog

### 1.3.1 Version 1.0.3

- Add cooldown sleep between translations

### 1.3.2 Version 1.0.2

- Fixed single-language path validation

### 1.3.3 Version 1.0.1

- Improved docs and readme

### 1.3.4 Version 1.0

- Add fixed path schwurbling
- Add target set ratio schwurbling

### 1.3.5 Version 0.1

- Start project

## 1.4 schwurbler

### 1.4.1 schwurbler package

#### Submodules

#### schwurbler.schwurbler module

Little module offering functions to destroy text by repeated Google translations.

`schwurbler.schwurbler.path_schwurbel` (*path*, *text*)

Feeds the given text through the given path of languages. The resulting translation is returned.

#### Parameters

- **path** (*list*) – List of languages to translate through.
- **text** (*str*) – The text to translate.

**Returns** The resulting translated text as a string.

#### Examples

Translate “My hovercraft is full of eels.” from English to Japanese and back to English:

```
path = 'en,ja,en'
text = 'My hovercraft is full of eels.'
translated = path_schwurbel(path, text)
```

`schwurbler.schwurbler.set_ratio_schwurbel` (*text*, *lang*, *langs*=*'gu, gd, ga, gl, lb, la, lo, tr, lv, lt, th, tg, te, fil, haw, yi, ceb, yo, de, da, el, eo, en, eu, et, es, ru, zh-cn, ro, be, bg, uk, bn, jw, bs, ja, xh, co, ca, cy, cs, ps, pt, zh-tw, tl, pa, vi, pl, hy, hr, ht, hu, hmn, hi, ha, he, mg, uz, ml, mn, mi, mk, ur, mt, ms, mr, ta, my, af, sw, is, am, it, iw, sv, ar, su, zu, az, id, ig, nl, no, ne, ny, fr, ku, fy, fa, fi, ka, kk, sr, sq, ko, kn, km, st, sk, si, so, sn, sm, sl, ky, sd'*, *target\_ratio*=50)

Translates the given text through random languages until it only resembles the original text by the given ratio. The comparison metric used is a token set ratio.

#### Parameters

- **text** (*str*) – The text to schwurbel.
- **lang** (*str*) – The language the text is in.
- **langs** (*str*) – Comma-separated list of available languages to chose from.
- **target\_ratio** (*int*) – The target ratio to achieve before returning.

**Returns** The text re-translated to the given target ratio.

**Raises** `ValueError` – If the given languages are invalid.

`schwurbler.schwurbler.validate_path(path)`

Takes a comma-separated list of languages and validates that each language is contained in `googletrans.LANGUAGES`

**Parameters** `path` (*str*) – Comma-separated list of languages as a string.

**Returns** The validated list of each language as a list.

**Raises** `ValueError` – If the path string contains invalid languages.

### Examples

Validate a translation from English, to Japanese, to English:

```
path = validate_path('en, ja, en')
```

### Module contents

Main Schwurbler module.





## CHAPTER 2

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