

---

# **trigrams Documentation**

***Release 0.1.0***

**Baptiste Fontaine**

September 14, 2017



<b>1</b>	<b>Install</b>	<b>3</b>
<b>2</b>	<b>Guide</b>	<b>5</b>
2.1	API Reference . . . . .	5
2.2	Changes . . . . .	5
	<b>Python Module Index</b>	<b>7</b>



`trigrams` is a trigrams-based random text generation Python module.



---

### Install

---

With `pip`:

```
[sudo] pip install trigrams
```





## API Reference

### trigrams

Simple trigrams-based text generation

**class** `trigrams.TrigramsDB` (*dbfile=None*)

A trigrams database. It has two main methods: `feed`, to initialize it with some existing text, and `generate`, to generate some new text. The more text you feed it, the more “random” the generated text will be.

**feed** (*text=None, source=None*)

Feed some text to the database, either from a string (*text*) or a file (*source*).

```
>>> db = TrigramsDB()
>>> db.feed("This is my text")
>>> db.feed(source="some/file.txt")
```

**generate** (*\*\*kwargs*)

Generate some text from the database. By default only 70 words are generated, but you can change this using keyword arguments.

Keyword arguments:

- *wlen*: maximum length (words)
- *words*: a list of words to use to begin the text with

**save** (*output=None*)

Save the database to a file. If *output* is not given, the *dbfile* given in the constructor is used.

## Changes

### v0.1.0

- initial release



**t**

trigrams, [5](#)



## F

`feed()` (`trigrams.TrigramsDB` method), 5

## G

`generate()` (`trigrams.TrigramsDB` method), 5

## S

`save()` (`trigrams.TrigramsDB` method), 5

## T

`trigrams` (module), 5

`TrigramsDB` (class in `trigrams`), 5