

gutenzahler User Manual

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[Github Link](#)

Requirements

This program is only tested on a linux enviornment

Required Programs

- BSD-DB
- Python3

Required Python Libraries

- gutenber
- sys
- matplotlib

Setup:

```
## install BSD-DB
apt install libdb++-dev
export BERKELEYDB_DIR=./

## install required python libs
pip install matplotlib gutenber

## download gutenzahler
git clone https://github.com/d0ntblink/gutenzahler
cd gutenzahler/Code
chmod +x gutenzahler.py
```

Usage:

to read and analyze a local file:

```
gutenzahler.py --read <file format> <file target location>
```

to read and analyze a book on Gutenberg Corpus:

```
gutenzahler.py --fetch <bookid on gutenber>
```

NOTE: I highly recommend using the fetch mode as the program will clean up the text and generate a more accurate results

Arguments:

- --help: displays this message

- --read: reads local files
 - --fetch: reads titles available on Gutenberg.org
 - --pie: generates a pi graph of the alphabet letters
 - --bar: generates a bar graph of the alphabet letters
- Accepted file formats: txt html (WIP) epub (WIP)

Example:

```
gutenzahler.py --fetch 10010 --bar
```

```
gutenzahler.py --read txt "/home/user/Hansel and Gretel.txt" --pie --bar
```

```
gutenzagler.py --read txt $PWD/lol.txt
```