






 [jplu](#) / [fasttext-for-linking](#)

Python scripts for entity linking using fastText

 **14** commits **1** branch **0** releases **0** contributors Apache-2.0Branch: **master** ▾[New pull request](#)[Create new file](#)[Upload files](#)[Find file](#)[Clone or download](#) ▾

Julien Plu Improve comparison algorithm

Latest commit 348af14 on 3 May

 <a href="#">en</a>	Add English Docker image.	8 months ago
 <a href="#">LICENSE</a>	Initial commit	8 months ago
 <a href="#">README.md</a>	Add English Docker image.	8 months ago
 <a href="#">fasttext_app.py</a>	Improve comparison algorithm	8 months ago

 [README.md](#)

# fasttext-for-linking

## Introduction

This repository offer a REST API over the [fastText](#) Python implementation. This app offers the possibility to compare two set of words in as much language as fastText can offer. The app has been design especially for doing entity linking.

# Python Packages and Requirements

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- Python 2.7
- Pip
- gensim 2.0.0
- fastText 0.8.3
- numpy 1.12.1
- flask 0.12.1
- spacy 1.7.5

## Installation

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Pip command line to install to be able to run the API:

```
pip install gensim fasttext flask spacy
```

## Usage

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```
usage: fasttext_app [-h] -l LANGUAGE -m MODEL -p PORT [--version]
```

Webapp for entity linking using fastText in a given language

optional arguments:

```
-h, --help            show this help message and exit
-l LANGUAGE, --language LANGUAGE
                        Set the language
```

```
-m MODEL, --model MODEL      Set the fastText model
-p PORT, --port PORT         Set the port
--version                    show program's version number and exit
```

## Docker

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Compile the English image:

```
docker build -t jplu/fasttext-en -f en/Dockerfile .
```

Run a container from the English image:

```
docker run -d -p 5000:5000 --name fasttest-english jplu/fasttext-en
```

## Opening an issue

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If you find a bug, have trouble following the documentation or have a question about the project you can create an issue. Whatever issue you're having, you're likely not the only one, so others will find your issue helpful, too. To open an issue:

- Please, check before to see if not someone else has not already had the same issue.
- Be clear in detailing how to reproduce the bug.
- Include system details.
- In case it is an error, paste the error output.

## Team

Owner: Julien Plu (@jplu)

Maintainers and Collaborators:

- Julien Plu (main contact) (@jplu)
- Giuseppe Rizzo (@giusepperizzo)
- Raphaël Troncy (@rtroncy)

## Licence

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