Hatespeech detection

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Chapter 1

Namespace Index

1.1 Packages

Here are the packages with brief descriptions (if available):

ai 7
db 8
server 8
wsgi 9

Chapter 2

Class Index

2.1 Class List

Here are the classes, structs, unions and interfaces with brief descriptions:

db.DB 11

Chapter 3

File Index

3.1 File List

Here is a list of all files with brief descriptions:

ai.py 13
db.py 13
server.py 13
wsgi.py 14

Chapter 4

Namespace Documentation

4.1 ai Namespace Reference

Functions

- def analyse_text ()
- def validate ()

4.1.1 Detailed Description

```
@package AI
The Ai module implements the core ai functions

More details....
```

4.1.2 Function Documentation

4.1.2.1 analyse_text()

```
def ai.analyse_text ( )
```

4.1.2.2 validate()

```
def ai.validate ( )
```

4.2 db Namespace Reference

Classes

- class DB

4.2.1 Detailed Description

```
@package DB
This module manages access to the sqllite databases, these provide better performance than CSV files.

More details.
```

4.3 server Namespace Reference

Functions

- def analyze ()
- def validate ()

Variables

- app = Flask(__name__)
- methods

4.3.1 Detailed Description

```
@package server
Provides the api routes and calls ai functions. With this we can implement an webinterface.

More details.
```

4.3.2 Function Documentation

4.3.2.1 analyze()

```
def server.analyze ( )
```

4.3.2.2 validate()

```
def server.validate ( )
```

4.3.3 Variable Documentation

4.3.3.1 app

```
server.app = Flask(__name__)
```

4.3.3.2 methods

```
server.methods
```

4.4 wsgi Namespace Reference

4.4.1 Detailed Description

```
@package wsgi
entry for Gunicorn to run the flask server as a service on the server.
```

Chapter 5

Class Documentation

5.1 db.DB Class Reference

Public Member Functions

- def __init__ (self)

Public Attributes

- conn_lexicon
- conn_trainings_data

5.1.1 Constructor & Destructor Documentation

5.1.1.1 __init__()

```
def db.DB.__init__ (
              self )
```

5.1.2 Member Data Documentation

5.1.2.1 conn_lexicon

```
db.DB.conn_lexicon
```

5.1.2.2 conn_trainings_data

```
db.DB.conn_trainings_data
```

The documentation for this class was generated from the following file:

- db.py

Chapter 6

File Documentation

6.1 ai.py File Reference

Namespaces

- ai

Functions

- def ai.analyse_text ()
- def ai.validate ()

6.2 db.py File Reference

Classes

- class db.DB

Namespaces

- db

6.3 requirements.txt File Reference

6.4 server.py File Reference

Namespaces

- server

Functions

- def server.analyze ()
- def server.validate ()

Variables

- server.app = Flask(__name__)
- server.methods

6.5 wsgi.py File Reference

Namespaces

- wsgi

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