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# **verifytweet**

***Release 0.5.0***

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**Jul 03, 2019**



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## VERIFYTWEET PACKAGE

### 1.1 Subpackages

#### 1.1.1 verifytweet.config package

##### 1.1.1.1 Submodules

##### 1.1.1.2 verifytweet.config.settings module

```
class verifytweet.config.settings.Config
    Bases: object
    Configuration for the app
    FILE_DIRECTORY = '/tmp/tmp2p25vsrj'
    IMAGEMAGICK_PATH = 'convert'
    LOG_LEVEL = 20
    RUN_METHOD = 'web'
    TWEET_MAX_STORE = 150
    UPSCALE_RESOLUTION = '300x300'

class verifytweet.config.settings.TwitterAPIConfig
    Bases: verifytweet.config.settings.Config
    Twitter API Configuration
    SIMILARITY_THRESHOLD = 0.6
    TWEET_COUNT = 150
    TWEET_COUNT_KEY = 'count'
    TWEET_DATE_KEY = 'created_at'
    TWEET_MAX_OLD = 7
    TWEET_TEXT_KEY = 'text'
    TWEET_USERNAME_KEY = 'screen_name'
    TWITTER_ACCESSTOKEN = None
    TWITTER_APIVER = '1.1'
    TWITTER_CONTEXT = 'statuses/user_timeline.json'
```

```
    TWITTER_HOSTNAME = 'https://api.twitter.com'

class verifytweet.config.settings.WebConfig
    Bases: verifytweet.config.settings.Config

    Configuration for running as web service

    ALLOWED_EXTENSIONS = {'jpeg', 'jpg', 'png'}

    APP_HOST = None

    APP_PORT = None

    MAX_CONTENT_LENGTH = 2097152

    MAX_CONTENT_LENGTH_KEY = 'MAX_CONTENT_LENGTH'

    TIMEOUT = 2000

    WORKER_CLASS = 'eventlet'

    WORKER_COUNT = 9

verifytweet.config.settings.app_config
    alias of verifytweet.config.settings.WebConfig

verifytweet.config.settings.no_of_workers()
    Returns no.of workers to be spawned

    Retrieves cpu count using multiprocessing module. No.of workers suggested is one more than twice the cpu
    count.
```

#### 1.1.1.3 Module contents

### 1.1.2 verifytweet.services package

#### 1.1.2.1 Submodules

#### 1.1.2.2 verifytweet.services.controller module

#### 1.1.2.3 verifytweet.services.image module

#### 1.1.2.4 verifytweet.services.search module

#### 1.1.2.5 verifytweet.services.text module

#### 1.1.2.6 Module contents

### 1.1.3 verifytweet.util package

#### 1.1.3.1 Submodules

#### 1.1.3.2 verifytweet.util.date\_checker module

```
verifytweet.util.date_checker.format_for_date(tweet_datetime: datetime.datetime)
```

```
verifytweet.util.date_checker.valid_date(processed_date)
```

Check if processed date of tweet is older than configured duration

**Args:** processed\_date: Represents date of processed tweet from image.

**Returns:** A Boolean indicating if tweet can be further processed or not.

#### 1.1.3.3 verifytweet.util.logging module

#### 1.1.3.4 verifytweet.util.result module

```
class verifytweet.util.result.ResultStatus
    Bases: enum.Enum

    Represents the result status of each module, inherits Enum class.

    ALL_OKAY = 0
    MODULE_FAILURE = 2
    NO_RESULT = 1
```

#### 1.1.3.5 verifytweet.util.uploader module

#### 1.1.3.6 verifytweet.util.validator module

#### 1.1.3.7 Module contents

## 1.2 Submodules

## 1.3 verifytweet.app module

## 1.4 verifytweet.cli module

## 1.5 Module contents





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- `modindex`
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