
Footy library Documentation

Release 3.0.1

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CHAPTER 1

Introduction

Python library for footy.eu website.

Version 1.0 is deprecated. Please see USAGE or [Read the Docs](#)

CHAPTER 2

Installation

At the command line:

```
$ pip install footylib
```

Or, if you have virtualenvwrapper installed:

```
$ mkvirtualenv footylib  
$ pip install footylib
```


CHAPTER 3

Version 1.0

Deprecated

4.1 Instantiate Footy

```
>>> from footylib import Footy
>>> footy = Footy()
```

4.2 Get a competition object

```
>>> competitions = footy.competitions
```

4.3 Search for teams

```
>>> team = footy.search_team("Hangover")
>>> team
[<footylib.footylib.Team object at 0x10dffcad0>, <footylib.footylib.Team object at 0x10e8f7250>]
```

4.4 Get a team object

```
>>> team = footy.get_team("Hangover 69")
```

4.5 Generate calendar season for a team

```
>>> team.calendar
```

4.6 Exporting calendar to a file

```
with open('calendar.ics', 'w') as ics:
    ics.writelines(team.calendar.to_ical())
```

4.7 Get all attributes

```
>>> for competition in competitions:
    print "Standings for {}".format(competition.name)
    for team in competition.teams:
        print '\t', 'Team: {}'.format(team.name)
        print '\t\t', 'Position: {}'.format(team.position)
        print '\t\t', 'Played games {}'.format(team.played_games)
        print '\t\t', 'Won games {}'.format(team.won_games)
        print '\t\t', 'Tie games {}'.format(team.tie_games)
        print '\t\t', 'Lost games {}'.format(team.lost_games)
        print '\t\t', 'Goals {}'.format(team.goals)
        print '\t\t', 'Division {}'.format(team.division)
        print '\t\t', 'Diff {}'.format(team.diff)
        print '\t\t', 'Points {}'.format(team.points)
    print "Calendar for {}".format(competition.name)
    for match in competition.matches:
        print '\t', 'Location: {}'.format(match.location)
        print '\t', 'Name: {}'.format(match.title)
        print '\t', 'Score: {}'.format(match.score)
        print '\t', 'Referee: {}'.format(match.referee)
        print '\t', 'Division: {}'.format(match.division)
        print '\t', 'Date: {}'.format(match.datetime)
        print '\t', 'MOTM: {}'.format(match.motm)
```

Contributions are welcome, and they are greatly appreciated! Every little bit helps, and credit will always be given.

5.1 Submit Feedback

If you are proposing a feature:

- Explain in detail how it would work.
- Keep the scope as narrow as possible, to make it easier to implement.

5.1.1 Get Started!

Ready to contribute? Here's how to set up *footylib* for local development.

1. Clone your fork locally:

```
$ git clone https://github.com/wefner/footy.git
```

2. Install your local copy into a virtualenv. Assuming you have virtualenvwrapper installed, this is how you set up your clone for local development:

```
$ mkvirtualenv footylib  
$ cd footylib/  
$ python setup.py develop
```

3. Create a branch for local development:

```
$ git checkout -b name-of-your-bugfix-or-feature
```

Now you can make your changes locally.

4. Commit your changes and push your branch to the server:

```
$ git add .  
$ git commit -m "Your detailed description of your changes."  
$ git push origin name-of-your-bugfix-or-feature
```

5. Submit a merge request through the Github page to develop branch

6.1 footylib package

6.1.1 Submodules

6.1.2 footylib.footylib module

footylib

class footylib.footylib.**Competition** (*footy_instance, url*)

Bases: object

Gets competitions from location, url and name.

Object that has all attributes for a competition

calendar

Generates a RFC2445 (iCalendar) for all the matches in a competition :return: Calendar string

matches

Gets all matches that are in a competition

The matches are retrieved from all the Rounds :return: list of Match objects

teams

Gets all teams that are in a competition.

The teams are retrieved from each row in the standings table :return: list of Team objects

class footylib.footylib.**Footy**

Bases: object

Main Footy class

An object that can retrieve competitions from Footy.eu or get a team directly.

competitions

Gets all competition URLs from the league page

Returns list of Competition objects

get_team (*team_name*)

Gets a team object from input name. It stops iterating when found.

Parameters **team_name** – string of team name to look for.

Returns Team object

search_team (*team_name*)

Looks for a team by a given name.

Parameters **team_name** – string of team name to look for.

Returns list of Team object(s)

class footylib.footylib.**FootyEvent**

Bases: object

Object that creates an Event for a match

class footylib.footylib.**Match** (*competition_instance, match_details*)

Bases: object

Object that has all attributes for a given match

The information is sent from Competition where it has the visibility of the Matches table. It parses every row and it gets the data per each column.

class **Row** (*datetime, location, title, score, referee, motm*)

Bases: tuple

datetime

Alias for field number 0

location

Alias for field number 1

motm

Alias for field number 5

referee

Alias for field number 4

score

Alias for field number 3

title

Alias for field number 2

calendar

Generates a RFC2445 (iCalendar) for a match :return: Calendar string

home_team

Returns Home team name in a match

home_team_goals

Returns home team goals in a match

visiting_team

Returns Visiting team name in a match

visiting_team_goals

Returns visiting team goals in a match

class footylib.footylib.**Team**(*competition_instance, team_details, division*)

Bases: object

Object that has all team attributes.

The information is sent from Competition where it has the visibility of the Standings table. It parses every row and it gets the data per each column.

class **Row**(*position, name, played_games, won_games, tie_games, lost_games, goals, diff, points*)

Bases: tuple

diff

Alias for field number 7

goals

Alias for field number 6

lost_games

Alias for field number 5

name

Alias for field number 1

played_games

Alias for field number 2

points

Alias for field number 8

position

Alias for field number 0

tie_games

Alias for field number 4

won_games

Alias for field number 3

calendar

Generates a RFC2445 (iCalendar) for all the Events that a Team has :return: Calendar string

events

Returns list of Event objects for all the matches that a Team is part of

matches

Gets all matches for a Team :return: list of Match objects

6.1.3 footylib.footylibExceptions module

exception footylib.footylibExceptions.**ErrorGettingDivision**

Bases: exceptions.Exception

exception footylib.footylibExceptions.**ErrorGettingLeague**

Bases: exceptions.Exception

exception footylib.footylibExceptions.**MonthTranslationError**(*error_msg*)

Bases: exceptions.Exception

6.1.4 Module contents

7.1 Development Lead

- Oriol Fabregas <fabregas.oriol@gmail.com>

7.2 Contributors

- Costas Tyfoxylos <<https://github.com/costastf>>

CHAPTER 8

History

CHAPTER 9

0.0.1 (2016-12-16)

- First packaged release

CHAPTER 10

2.0.7 (2017-02-14)

- Reverting to modify locale to change datetime
- Using dateparser module

CHAPTER 11

3.0.0 (2017-09-07)

- Getting new HTML tags for new WordPress theme
- Removing divisions as every competition has its own URL
- Getting all Team and Matches attributes as list index
- Explicit datetime format as it confused month/day in some cases

CHAPTER 12

3.0.1 (2017-09-08)

- Named tuples instead of lists when getting details for a Match/Team

CHAPTER 13

Indices and tables

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- `modindex`
- `search`

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