BigBlueButton-Attendance

1.0

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1 BigBlueButton-Attendance **1**

1.1 Getting Started . . . 1

1.1.1 Prerequisites . . . 1

1.1.2 Installing . . . 1

1.1.3 Setup . . . 1

1.1.3.1 Template . . . 1

1.1.3.2 Example . . . 2

1.2 Deployment . . . 2

2 Namespace Index **3**

2.1 Namespace List . . . 3

3 Class Index **5**

3.1 Class List . . . 5

4 Namespace Documentation **7**

4.1 main Namespace Reference . . . 7

4.1.1 Detailed Description . . . 7

5 Class Documentation **9**

5.1 driver_ff.DriverFirefox Class Reference . . . 9

5.2 main.Engine Class Reference . . . 9

5.2.1 Detailed Description . . . 10

5.3 spreadsheets_driver.SpreadSheetDriver Class Reference . . . 10

Chapter 1

BigBlueButton-Attendance

Automatic attendance script for BigBlueButton

1.1 Getting Started

These instructions will get you a copy of the project up and running. To see how to run the program read the Deployment section.

1.1.1 Prerequisites

- Firefox and it's gecko (if someone needs chrome just tell me and I will update it to be able to use chrome too)
- Python3
- pipenv

1.1.2 Installing

I am using pipenv for packaging so just use the pipenv file.

```
git clone https://github.com/q1e123/BigBlueButton-Attendance
cd BigBlueButton-Attendance
pipenv install
```

1.1.3 Setup

Make a config file, following the template. **You need to modify just the right part of each line**

1.1.3.1 Template

spreadsheet = the type of spreadsheet (ex: xlsx) . If you don't need to use one put -

spreadsheet_name = name of the spreadsheet file

week = will be used to put the attendance (A + week)

login = the login link of the platform

user, pass = your credentials

link = the link of the page that has the button to join a session

output = name of the file that will contain current users

1.1.3.2 Example

```
spreadsheet xlsx
spreadsheet_name test.xlsx
sheetname Sheet1
week 8
login https://example.com/login/index.php
user example@example.com
pass password
link https://example.com/mod/bigbluebuttonbn/view.php?id=12345
output users
```

1.2 Deployment

```
pipenv run python3 main.py
```

Chapter 2

Namespace Index

2.1 Namespace List

Here is a list of all documented namespaces with brief descriptions:

main 7

Chapter 3

Class Index

3.1 Class List

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

driver_ff.DriverFirefox 9
main.Engine
Engine behind the program 9
spreadsheets_driver.SpreadSheetDriver 10

Chapter 4

Namespace Documentation

4.1 main Namespace Reference

Classes

- class Engine

  Engine behind the program.

Variables

- **e** = Engine('config')

4.1.1 Detailed Description

Main file

Chapter 5

Class Documentation

5.1 driver_ff.DriverFirefox Class Reference

Public Member Functions

- def **__init__** (self, headless=False)
- def **goto** (self, site)
- def **click** (self, xpath)
- def **send_keys** (self, xpath, keys)
- def **get_value** (self, xpath, attribute)
- def **is_selected** (self, xpath)
- def **refresh** (self)

Public Attributes

- **headless**
- **driver**

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

- /home/robert/Workshop/BigBlueButton-Attendance/driver_ff.py

5.2 main.Engine Class Reference

Engine behind the program.

Public Member Functions

- def __init__ (self, file_name)

  Constructor.
- def join_sesssion (self)

  Joins a session.
- def get_current_users (self)

  Gets the list of current users.
- def put_attendance (self)

  Puts attendancein a spreadsheet.

Public Attributes

- driver

  Firefox driver.
- settings

  Dictionary used to store settings.
- **users**

5.2.1 Detailed Description

Engine behind the program.

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

- /home/robert/Workshop/BigBlueButton-Attendance/main.py

5.3 spreadsheets_driver.SpreadSheetDriver Class Reference

Public Member Functions

- def **__init__** (self, spread_sheet_type, file_name, sheet_name)
- def **save** (self)
- def **read** (self, row, col)
- def **write** (self, row, col, value)
- def **get_row** (self, value, col)

Public Attributes

- **file_name**
- **wb**
- **ws**

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

- /home/robert/Workshop/BigBlueButton-Attendance/spreadsheets_driver.py