

# Web Audio Evaluation Tool - Bug #1617

## Multiple errors with python scripts

2016-02-21 10:13 AM - Giulio Moro

<b>Status:</b>	In Progress	<b>Start date:</b>	2016-02-21
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Giulio Moro	<b>% Done:</b>	90%
<b>Category:</b>		<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			

### Description

I have a single test-0.xml file in saves (obtained from an AB interface test, attached to this post).  
when running the python scripts I obtain the following results

```
$ pyhton comment_parser.py
```

```
Use: python comment_parser.py [XML_files_location]
```

```
Using default path: ../saves
```

```
Traceback (most recent call last):
```

```
File "comment_parser.py", line 73, in <module>
```

```
commentstr = audioelement.find("./comment/response").text
```

```
AttributeError: 'NoneType' object has no attribute 'text'
```

```
$ pyhton evaluation_stats.py
```

```
Use: python evaluation_stats.py [results_folder]
```

```
Using default path: ../saves
```

```
test-0.xml
```

```
TOTAL: 0 min 0 s
```

```
Number of XML files: 1
```

```
Number of pages: 0
```

```
Number of fragments: 0
```

```
Traceback (most recent call last):
```

```
File "evaluation_stats.py", line 163, in <module>
```

```
" (" + str(round(100.0*total_empty_comments/number_of_fragments,2)) + "%)"
```

```
ZeroDivisionError: float division by zero
```

```
$ pyhton generate_report.py
```

```
Use: python generate_report.py [results_folder] [no_render | -nr]
```

```
Using default path: ../saves/
```

```
Traceback (most recent call last):
```

```
File "generate_report.py", line 310, in <module>
```

```
" (" + str(round(100.0*total_empty_comments/number_of_fragments,2)) + r"%)\\" + "\n\t\t\t"
```

```
ZeroDivisionError: float division by zero
```

```
$ pyhton score_parser.py
```

```
Use: python score_parser.py [rating_folder_location]
```

```
Using default path: ../saves
```

```
$ pyhton score_plot.py
```

```
Use: python score_plot.py [rating folder] [plot_type] [-l/-legend]
```

```
Type 'python score_plot.py -h' for help.
```

```
Using default path: ../saves/ratings/ with boxplot.
```

```
$ pyhton timeline_view.py
```

Use: python timeline\_view.py [XML\_files\_location]

Using default path: ../saves

\$ pyhton timeline\_view\_movement.py

Use: python timeline\_view\_movement.py [XML\_files\_location]

Using default path: ../saves

after the scripts, the content of the saves folder is as follows. Is everything ok or am I missing something because of the above errors?

```
./ratings
./ratings/test-0-ratings-box.pdf
./ratings/test-0-ratings.csv
./ratings/test-1-ratings-box.pdf
./ratings/test-1-ratings.csv
./ratings/test-10-ratings-box.pdf
./ratings/test-10-ratings.csv
./ratings/test-11-ratings-box.pdf
./ratings/test-11-ratings.csv
./ratings/test-12-ratings-box.pdf
./ratings/test-12-ratings.csv
./ratings/test-13-ratings-box.pdf
./ratings/test-13-ratings.csv
./ratings/test-14-ratings-box.pdf
./ratings/test-14-ratings.csv
./ratings/test-15-ratings-box.pdf
./ratings/test-15-ratings.csv
./ratings/test-16-ratings-box.pdf
./ratings/test-16-ratings.csv
./ratings/test-17-ratings-box.pdf
./ratings/test-17-ratings.csv
./ratings/test-2-ratings-box.pdf
./ratings/test-2-ratings.csv
./ratings/test-3-ratings-box.pdf
./ratings/test-3-ratings.csv
./ratings/test-4-ratings-box.pdf
./ratings/test-4-ratings.csv
./ratings/test-5-ratings-box.pdf
./ratings/test-5-ratings.csv
./ratings/test-6-ratings-box.pdf
./ratings/test-6-ratings.csv
./ratings/test-7-ratings-box.pdf
./ratings/test-7-ratings.csv
./ratings/test-8-ratings-box.pdf
./ratings/test-8-ratings.csv
./ratings/test-9-ratings-box.pdf
./ratings/test-9-ratings.csv
./read.txt
./test-0.xml
./test-11
./test-11/test-11-comments-track-23.csv
```

```
./timelines
./timelines_movement
```

## History

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### #1 - 2016-02-22 03:08 PM - Nicholas Jillings

Brecht is best to talk through these. However I think it is most likely down to the python scripts not updated since the last specification change. I don't have some of the packages anyway so I can't test them.

### #2 - 2016-02-22 03:09 PM - Nicholas Jillings

- Assignee set to Brecht De Man

### #3 - 2016-02-22 05:29 PM - Brecht De Man

What Nick said. Will look at this asap!

Thanks for the exhaustive bug report. More output/errors/screenshots always welcome.

### #4 - 2016-02-22 05:35 PM - Brecht De Man

Are you aware you're writing 'pyhton'? Is this a thing?

I mean to do the plotting and maybe also comment display in the 'analyse.html', although I may keep the Python scripts if that makes sense.

The

```
Use: python timeline_view_movement.py [XML_files_location]
```

```
Using default path: ../saves
```

notifications are not (necessarily) errors, it just tells you the default path (which is not '!') is being used since you didn't give an XML file location. Is this confusing/wrong?

### #5 - 2016-02-22 05:41 PM - Giulio Moro

oh well the pyhton thing was a typo when I copied it here.

I included the listing of the commands I typed and the list of files I obtained as a result.

Yes, I would say printing the "Using" line when the usage is correct is a bit confusing.

I guess to make the thing more intuitive, the script should print a brief of what it is going to do and/or a list of the generated files.

### #6 - 2016-02-22 09:41 PM - Giulio Moro

- Status changed from New to In Progress

- Assignee changed from Brecht De Man to Giulio Moro

- % Done changed from 0 to 90

I pushed two lines worth of changes which make it work for me.

<https://code.soundsoftware.ac.uk/projects/webaudioevaluationtool/repository/revisions/3898754d5428b368d5336382d76af0ddc0c1fe96>

This may be fixed by my push, but please Brecht double check it

I encountered a new issue which I am about to post in a new issue (hence the name).

## Downloads

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test-0.xml

58.1 KB

2016-02-21

Giulio Moro