

TA/LA Tracker

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Chapter 1

TA/LA Tracker

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1.1 Introduction

This provides the functionality of being able to query our MySQL database easily and return meaningful JSON output. The entire project repository can be found at: [TA/LA Tracker](#)

1.2 Release Notes

- Updated queries and output to interface with mobile app better

1.3 Requirements

Requires php and the mysql extension to be installed—to install, run `sudo apt-get install php5-cli` and `sudo apt-get install php5-mysql`

Chapter 2

File Index

2.1 File List

Here is a list of all files with brief descriptions:

index.php	5
to_json.php	5

Chapter 3

File Documentation

3.1 index.php File Reference

3.2 to_json.php File Reference

Functions

- [goWhere](#) (\$type, \$phrase1, \$phrase2, \$phrase3, \$phrase4, \$phrase5)
- [course](#) (\$x)
- [name](#) (\$x)
- [insertClass](#) (\$x)
- [insertTA](#) (\$x)
- [insertSession](#) (\$a, \$b, \$c, \$d, \$e)
- [deleteAll](#) (\$x)
- [deleteTA](#) (\$x)
- [deleteClass](#) (\$x)
- [allClasses](#) ()
- [allTAs](#) ()
- [classTAs](#) (\$x)
- [TAsClasses](#) (\$x)
- [getSessions](#) (\$x, \$y)

3.2.1 Function Documentation

3.2.1.1 allClasses ()

This function prints out all the class names logged in the 'Classes' mysql table.

3.2.1.2 allTAs ()

This function prints out all the TA names logged in the 'TAs' mysql table.

3.2.1.3 classTAs (\$x)

This function prints all TAs that are associated with a given class.

Parameters

x	This is the name of the class to be used as a search term.
---	--

3.2.1.4 course (\$x)

This function finds all sessions for a single course. Defunct, and kept for reference.

Parameters

x	This is the name of the course that is to be used as a search term.
---	---

3.2.1.5 deleteAll (\$x)

This function deletes all sessions associated with a specific class or TA.

Parameters

x	This is the name of the class or TA to be deleted.
---	--

3.2.1.6 deleteClass (\$x)

This function deletes a class from the 'Classes' mysql table.

Parameters

x	This is the name of the class that is to be deleted from the table.
---	---

3.2.1.7 deleteTA (\$x)

This function deletes a TA from the 'TAs' mysql table.

Parameters

x	This is the name of the TA that is to be deleted from the table.
---	--

3.2.1.8 getSession (\$x, \$y)

This function prints out all the sessions a given TA runs for a given class.

Parameters

x	This is the name of the TA to be used as a search term.
y	This is the name of the class to be used as a search term.

3.2.1.9 goWhere (\$type, \$phrase1, \$phrase2, \$phrase3, \$phrase4, \$phrase5)

This function tells which of the following functions should be used, and passes them the appropriate variables, if any.

Parameters

<i>type</i>	This is a string that goWhere parses to determine which function to call.
<i>phrase1</i>	This is an argument to pass to a function—either the name of a class or a TA.
<i>phrase2</i>	This is a second argument for the getSession function, which requires two, or addSession, which requires five.
<i>phrase3</i>	This is a third argument for the addSession function, which requires five.
<i>phrase4</i>	This is a fourth argument for the addSession function, which requires five.
<i>phrase5</i>	This is a fifth argument for the addSession function, which requires five.

3.2.1.10 insertClass (\$x)

This function inserts a string into the 'Classes' mysql table.

Parameters

<i>x</i>	This is the name of the course that is to be inserted into the table.
----------	---

3.2.1.11 insertSession (\$a, \$b, \$c, \$d, \$e)

This function inserts a session into the 'Sessions' mysql table.

Parameters

<i>a</i>	This is the name of the TA that runs the session in question.
<i>b</i>	This is the name of the class the session is about.
<i>c</i>	This is the day the session occurs.
<i>d</i>	This is the time of day the session occurs
<i>e</i>	This is location where the session will take place.

3.2.1.12 insertTA (\$x)

This function inserts a string into the 'TAs' mysql table.

Parameters

<i>x</i>	This is the name of the TA that is to be inserted into the table.
----------	---

3.2.1.13 name (\$x)

This function finds all sessions for a single TA. Defunct, and kept for reference.

Parameters

<i>x</i>	This is the name of the course that is to be used as a search term.
----------	---

3.2.1.14 TAsClasses (\$x)

This function prints all classes that a given TA is associated with.

Parameters

x	This is the name of the TA to be used as a search term.
---	---

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