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

Reqires 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, $phrase2)
- course ($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 getSessions ($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)

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

Parameters

type	This is a string that goWhere parses to determine which function to call.
phrase1	This is an argument to pass to a function–either the name of a class or a TA.
phrase2	This is a second argument for the getSessions function, which requires two.

3.2.1.10 insertClass ($x)

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

Parameters

x	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

a	This is the name of the TA that runs the session in question.
b	This is the name of the class the session is about.
c	This is the day the session occurs.
d	This is the time of day the session occurs
e	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

x	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

x	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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