CrowdScienceMapper

Generated by Doxygen 1.7.6.1

Fri Mar 18 2016 23:10:54

Contents

Chapter 1

File Index

1.1 File List

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

Chapter 2

File Documentation

2.1 checkLogin.js File Reference

Contains functions for checking if a user is logged in.

Functions

- document ready (function(){checkLogin();$("#logout").click(function(event){event.-preventDefault();$.post("login.php","{\"action\" : \"logout\"}", null,"json").always(function(data){window.-location.href= 'index.html';})});})

  Calls the checkLogin() function and then generates necessary event handlers.
- function checkLogin (argument)

  Posts to checkLogin.php to see if a user is logged in.
- function updateUserStatus (username)

  Updates the user area on the navigation bar.

2.1.1 Detailed Description

Contains functions for checking if a user is logged in. This file contains .ready(), which sets the function to be called when the document, the HTML loading the JavaScript, has been loaded and is ready to run; and two functions: checkLogin() and updateUserStatus(). The .ready() function calls the checkLogin() function and then generates necessary event handlers. The checkLogin() posts a request to checkLogin.php to see if a user is saved in the session information, when the post completes successfully, the updateUserStatus() function is called. The updateUserStatus() function updates the HTML according to whether a user is logged in.

2.1.2 Function Documentation

2.1.2.1 function checkLogin (*argument*)

Posts to checkLogin.php to see if a user is logged in.

The function posts to checkLogin.php to see if a user is logged in. When the post to checkLogin.php is complete, the function calls updateUserStatus() with the username returned from the post to checkLogin.php. If the post to checkLogin.php fails, then an alert box will pop up with the status code of the failure.

2.1.2.2 document ready ( )

Calls the checkLogin() function and then generates necessary event handlers.

This function calls the CheckLogin() function to see if a user is currently logged in, and then sets the event handler for the logout button click event. The event handler will clear old error messages, and then post to the login.php to clear the user's session data. After posting to the login.php, the user is redirected back to the index.

2.1.2.3 function updateUserStatus (*username*)

Updates the user area on the navigation bar.

The function updates the user information stored in the HTML, and then updates the navigation bar. When a user is logged in, the login and register buttons are replaced with a user icon, the username of the user that is logged in, and a logout button.

2.2 checkLogin.php File Reference

Checks if a username is stored in the session data.

2.2.1 Detailed Description

Checks if a username is stored in the session data. This file will start a session if one has not already been started, and then check to see if there is a username stored in that session. If one is stored, then the status is set to zero, and the status and session username are encoded for javascript and returned to the javascript when the php script has finished. If there is no username stored in the session data, a status of one is encoded and returned to the javascript.

2.3 config.php File Reference

Global PHP configuration variables here.

2.3.1 Detailed Description

Global PHP configuration variables here. This file connects to the mongo database, and then starts a user session, if one has not already bene started.

2.4 event.php File Reference

Handles event data to and from the database.

Functions

- getEventSetInfoAndEventByID ()

  Retrieves the data for a single event, referenced by the ID supplied in the request.
- getEventSetInfoAndData ()

  Performs the actions of both getEventSetData() and getEventSetInfo().
- getEventSetInfo ()

  retrieves all the event set information necessary to display the selected event set data.
- getEventSetData ()

  Retrieves all event set data for the selected event set.
- changeEventSetSelection ()

  Stores the new event set selection to session data.
- updateEventSetOptions ()

  Retrieves the information necessary to repopulate the event set selection box.

2.4.1 Detailed Description

Handles event data to and from the database. This file establishes the connection to the database, and then verifies that the connection was successful. The data in the post message is retrieved and decrypted. If a session has not been started, a new session is started. The action from the post message is then used call a function to interact with the database. Each function will save the status code to the response, in addition to the results of the database query.

The default action returns a status of 1, indicating that and invalid action was supplied, and a message that no action was taken. When the action is updateoptions, updateEventSetOptions() is called, which retrieves the information necessary to repopulate the

event set selection box. The action changeselection calls changeEventSetSelection(), which stores the new event set selection to session data. The action geteventsetinfo calls getEventSetInfo(), which retrieves all the event set information necessary to display the selected event set data. The action geteventsetdata calls getEventSetData(), which retrieves all event set data for the selected event set. The action geteventsetinfoanddata calls getEventSetInfoAndData, which performs the actions of both getEventSetData() and getEventSetInfo(), this function is implemented because the response data is not correctly assembled separately in the two functions and database queries are streamlined when combined. The action geteventsetinfoandeventbyid calls the getEventSetInfoAndEventByID(), which retrieves the data for a single event, referenced by the ID supplied in the request.

The response is then encoded and returned to the JavaScript that posted to this file.

2.4.2 Function Documentation

2.4.2.1 getEventSetInfoAndEventByID ( )

Retrieves the data for a single event, referenced by the ID supplied in the request.

This function does stuff