Documentation

Application Resources

Resource: libsmgr.php

Application path: /controller/vma_lib/libsmgr.php

Description : Library/Package – application state and session management

Summary

This is an application specific library or package of PHP functions that manage useful session or state values for important application variables. This library may be phased out or undergo a significant overhaul by the time a production version of the application is completed. This is in part to the authentication and session management that is employed for convenience in development, as opposed to what may be implemented for a production environment.

The main purpose of libsmgr.php is to manage the values of useful variables that the application might need to track, and have them accessible at any time during the application's execution. These variables are currently stored in the RDBMS and fetched or updated via simple query on request. This implementation can be optimized in the future.

libsmgr currently consists of three (3) functions. The function list with further information on what these functions do, is listed below.

Usage

Simply include or require this file in the script that needs the functionality provided. Once included, any of the library's functions can be accessed and utilized.

Dependencies

- The database server being on and accessible

- The database name and connection credentials being valid and accurately set

- `env_rdbms.php` accessible via PHP `include` or `require`

    - global $linkID

        - (`global` reference to the link identifier (`$linkID`) that is returned from a successful connection to the MySQL server).

Dependents

Any server side script that requires access to the application's state or session information.

Function List

libsmgr_get_sysparam ($some_parameter);
libsmgr_set_sysparam ($sparam, $value);

Function Descriptions

libsmgr_get_sysparam ($some_parameter)

Given a named parameter, returns its value

Function Arguments /Parameters

$some_parameter - The name of the supplied parameter

This function will only function correctly if valid parameters are passed to it. The following are valid parameters:

Valid Parameter	Description
"app_lastupdate"	When the application was last updated
"app_version_current"	The current version of the application
"app_version_latest"	The latest available production version of the application
"current_custID"	The unique ID of a customer being processed or queried
"current_invoice_number"	The invoice number for a job being processed or queried
"current_mtce_recid"	The job number for a job being processed or queried
"current_plate"	The plate for a vehicle being processed or queried
"current_search_term"	The string value for the last thing entered in the app's search field
"current_user_name"	The full name of a customer being processed or queried

These parameters map to application's internal data model.

Returns

The current value of the parameter. This value is obtained from the RDBMS.

libsmgr_set_sysparam($param, $value)

Sets the value of a given parameter to the supplied value.

Function Arguments / Parameters

$param – The name of the supplied parameter

$value – The value the parameter will be set to

Valid values for `$param` are listed under `libsmgr_get_sysparam($some_param)`.

Returns

Nothing.

Comments

[Any additional comments with respect to this resource]