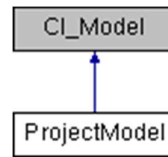


ProjectModel Class Reference

Inheritance diagram for ProjectModel:



Public Member Functions

__construct ()
addProject (\$userID, \$project=NULL)
addUserProject (\$userLogin, \$projID, \$userProject)
getProject (\$projID)
listProjects (\$filter=NULL, \$and=false)
getProjects (\$filter=NULL, \$and=false)
getProjectMembers (\$projID, \$filter=NULL, \$and=false)
deleteProject (\$projID)
deleteUserProject (\$userID, \$projID)
deleteAllUsersProject (\$projID)
updateProject (\$projID, \$userID=NULL, \$project=NULL)
updateUserProject (\$projID, \$userID, \$userProject=NULL)
getUserID ()
getProjectID ()
getLogin ()

Constructor & Destructor Documentation

__construct ()
__construct() is the constructor which initiates the connection to the database

Member Function Documentation

addProject (\$userID, \$project = NULL)

addProject() is a method for adding a project

Parameters:

<i>\$userID</i>	is is the id of the owner of the project
<i>\$project</i>	is an array containing project data
<i>\$project['pname']</i>	(required) contains the name of the project
<i>\$project['pdescription']</i>	(optional) contains the description of the project
<i>\$project['pdate_start']</i>	(required) contains the date of the beginning of the project
<i>\$project['pdate_end']</i>	(required) contains the date of the end of the project

Returns:

new project id if insert succeeded and FALSE if not + name of the creator of the project

addUserProject (\$userLogin, \$projID, \$userProject)

addUserProject() is a method for adding a member into a project

Parameters:

<i>\$userID</i>	(required) is the id of a participant
<i>\$projectID</i>	(required) is the id of the project
<i>\$userProject</i> ['role project']	(optional) contains the role of the participant in the project
<i>\$userProject</i> ['gestion']	(required) means if a participant may manage the project (1) or not (0) =default

Returns:

TRUE if insert succeeded and FALSE if not

deleteAllUsersProject (\$projID)

deleteAllUsersProject() remove all users for a specific project

Parameters:

<i>\$projID</i>	
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Returns:

a boolean (TRUE if deletion has been applied, FALSE if not)

deleteProject (\$projID)

deleteProject() delete a project based on its id

Parameters:

<i>\$projID</i>	
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Returns:

a boolean (TRUE if deletion has been applied, FALSE if not)

deleteUserProject (\$userID, \$projID)

deleteUserProject() remove a project for a specific user

Parameters:

<i>\$userID</i>	
<i>\$projID</i>	

Returns:

a boolean (TRUE if deletion has been applied, FALSE if not)

getLogin ()

getLogin() is a method for searching the login of the last user

Returns:

the login

See also:

function for tests

getProject (\$projID)

getProject() this method returns a project based on its id

Parameters:

<i>\$projID</i>	project id
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Returns:

a project with the firstname and lastname of project creator
\$response['id'] is the project id
\$response['project_name'] is the name of the project
\$response['date_start'] is the date when the projet begin
\$response['date_end'] is the date when the projet end
\$response['owner_lastname'] is the lastname of creator

\$response['owner_firstname'] is the firstname of creator
\$response['project_description'] is the description of the project

getProjectID ()

getProjectID() is a method for searching the projectID of the last record

Returns:

projectID

See also:

function for tests

getProjectMembers (\$projID, \$filter = NULL, \$and = false)

getProjectMembers() this method returns the members of a project based on its id

Parameters:

<i>\$projID</i>	project id
<i>\$filter</i>	is optional and is an array containing search criterions
<i>\$filter['member_lastname']</i>	is the lastname of a member
<i>\$filter['member_firstname']</i>	is the firstname of a member
<i>\$filter['member_role']</i>	is the role of a member
<i>\$filter['member_gestion']</i>	means 1 or 0 (if the participant may not manage the project)
<i>\$filter['owner_lastname']</i>	is the lastname of the project's owner
<i>\$filter['owner_firstname']</i>	is the firstname of the project's owner
<i>\$and</i>	is optional and is an boolean which is FALSE (default behavior) for processing teh search query with OR operators and TRUE for AND operators

Returns:

an array of members for a project (name ascending order)

See also:

getProjectMembers() for the data structure of returned users

getProjects (\$filter = NULL, \$and = false)

getProjects() this method returns a project based on its id

Parameters:

<i>\$projID</i>	project id
<i>\$filter</i>	is optional and is an array containing search criterions
<i>\$filter['id']</i>	is the project id
<i>\$filter['project_name']</i>	is the name of the project
<i>\$filter['project_description']</i>	is the description of the project
<i>\$filter['date_start']</i>	is the date when the projet begin
<i>\$filter['date_end']</i>	is the date when the projet end
<i>\$filter['owner_lastname']</i>	is the lastname of creator
<i>\$filter['owner_firstname']</i>	is the firstname of creator
<i>\$and</i>	is optional and is an boolean which is FALSE (default behavior) for processing teh search query with OR operators and TRUE for AND operators

Returns:

an array of projects (date start descending order)

See also:

getProjects() for the data structure of returned users

getUserID ()

getUserID() is a method for searching the userID of the last record

Returns:

userID

See also:

function for tests

listProjects (\$filter = NULL, \$and = false)**listProjects()** this method returns a project based on its id**Parameters:**

<i>\$projID</i>	project id
<i>\$filter</i>	is optional and is an array containing search criterions
<i>\$filter['id']</i>	is the project id
<i>\$filter['project_name']</i>	is the name of the project
<i>\$filter['project_description']</i>	is the description of the project
<i>\$filter['date_start']</i>	is the date when the projet begin
<i>\$filter['date_end']</i>	is the date when the projet end
<i>\$filter['owner_lastname']</i>	is the lastname of creator
<i>\$filter['owner_firstname']</i>	is the firstname of creator
<i>\$and</i>	is optional and is an boolean which is FALSE (default behavior) for processing teh search query with OR operators and TRUE for AND operators

Returns:

an array of projects (name ascending order)

See also:**listProjects()** for the data structure of returned users**updateProject (\$projID, \$userID = NULL, \$project = NULL)****updateProject()** is a method for updating a project**Parameters:**

<i>\$userID</i>	is the id of the owner of the project
<i>\$project</i>	is an array containing project data
<i>\$project['id']</i>	contains the id
<i>\$project['pname']</i>	contains the name
<i>\$project['pdescription']</i>	contains the description of the project
<i>\$project['pdate_start']</i>	contains the date of the beginning of the project
<i>\$project['pdate_end']</i>	contains the date of the end of the project

Returns:

TRUE if update succeeded and FALSE if not

updateUserProject (\$projID, \$userID, \$userProject = NULL)**updateUserProject()** is a method for updating a project**Parameters:**

<i>\$userID</i>	is the member of the project
<i>\$projID</i>	contains the id of the project
<i>\$userProject['role']</i>	contains the role of the member for the project
<i>\$userProject['manage']</i>	contains 1 or 0 (if the member may not manage the project)

Returns:

TRUE if update succeeded and FALSE if not