API
User documentation

{ Epitech Innovative Project .}

Description of this document

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Table of revisions

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This document is the technical documentation of the Aurora's API version 1.0.

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Introduction

With the API, you can create your own forum. The API's package contains lot of php methods to list categories, topics and posts and to create topics and posts.

The API use the web services of Aurora, so each method make a curl request to the Aurora's website.

1. Package contents

1.1 - Configuration file

File: **aurora_api_config.php**

Firstly, you need to create an account on the Aurora's Website and put your login/password into the configuration file.

1.2 - Public methods

File: **aurora_api.php**

This file contains a PHP class which contains all of the public methods you need to create your own forum.

1.3 - Additional functions

File: **functions.inc.php**

Don't worry about that file, its contains functions about the data's treatment.

2 - Methods

2.1 - Constructor

__construct()

This constructor just create a new session.

2.2 - Internal utilization

setForumId($forumId)

Your forum ID is already set in the configuration file but you need to set it

again just after instancing your class.

Parameters:

int	$forumId	The forum ID

Returns:
Nothing

getSessionInfos ($key)

Parameters:

String	$key	the key value inside the variable session

Returns:
Mix

setSessionInfos ($key, $value)

Parameters:

String	$key	the key value inside the variable session
String	$value	the value for the given key

Returns:
Nothing

deleteSessionInfos ($key)

Parameters:

String	$key	the key value inside the variable session

Returns:
Nothing

destroySession ()

This function unset and destroy the user session.

Returns:
Nothing

2.3 - Client's methods

connect($email, $password)

This method connect the user to the aurora's network

Parameters:

String	$email	the user email for connection
String	$password	The password

Returns:
The return value of getAccessTokenFromPassword()

getAccessTokenFromPassword ($email, $password)

This function set an access token and a refresh token by user credentials

Parameters:

String	$email	the user email for connection
String	$password	The password

Returns:
boolean if it's success true is return

getAccessTokenFromRefresh ()

This function set an access token and a refresh token by old refresh token.

Returns:
Boolean: if its success true is return

getTokenUrl ()

Returns:
string: the url of the services for tokens

getClientID ()

Returns:
string the client id set in the configuration

getClientSecret ()

Returns:
string the client secret creates by configuration params

getCurrentUrl ()

Returns:
string return the current url from where the request was called

getPayLoadPassword ($username, $password, $redirect_uri = '')

Parameters:

String	$username	the user email for connection
String	$password	The password
(optional) String	$redirect_uri	the uri where we want get the response

Returns:
array for the request

getPayLoadRefresh ($refreshToken, $redirect_uri = '')

Parameters:

String	$refreshToken	get from the oldest one save of the since the first access token
(optional) String	$redirect_uri	the uri where we want get the response

> **Returns:**
> array for the request

getAccessToken ()

> **Returns:**
> string get the access token from the variable session

getRefreshToken ()

> **Returns:**
> string get the refresh token from the variable session

2.4 - User services

getUserInfos ($userId)

> This function is called to get information about a user.
>
> **Parameters:**

Int	$userId	the user id who you want information

> **Returns:**
> array with a field "operation": "1" for success & "0" for failure also "data"

2.5 - Forum services

getForumInfos ($forumId)

> This function is called to get information about a forum.
>
> **Parameters:**

Int	$forumId	the forum id who you want information

> **Returns:**

array with a field "operation": "1" for success & "0" for failure also "data"

getCategoryInfos ($idCat)

This function is called to get information about a category.

Parameters:

Int	$idCat	the category id who you want information

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

getCategoriesList ()

This function is called to get the list of categories.

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

2.6 - Topic services

createTopic ($title, $post, $categoryId)

This function is called to create a new topic.

Parameters:

String	$title	the title of the topic
String	$post	The message
Int	$categoryId	The current category

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

getTopicInfos ($topicId)

This function is called to get information about a topic.

Parameters:

Int	**$topicId**	The topic Id

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

getTopicsList (**$idCat, $nbTopics = 10, $startPosition = 0**)

This function is called to get the topics list.

Parameters:

Int	**$idCat**	The current category
(optional) Int	$nbTopics	The number of displaying topics
(optional) Int	$startPosition	The position to start selection

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

getTopicsBooked (**$nbTopics = 10, $startPosition = 0**)

This function is called to get the topics list booked.

Parameters:

(optional) Int	$nbTopics	The number of displaying topics
(optional) Int	$startPosition	The position to start selection

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

setTopicAsFavorite(**$topicId**)

This function is called to set topic as favorite.

Parameters:

Int	$topicId	The topic Id

Returns:
nothing

unsetTopicAsFavorite ($topicId)

This function is called to unset topic as favorite.

Parameters:

Int	$topicId	The topic Id

Returns:
nothing

getNbTopicByCategory ($categoryId)

This function is called to count the number of topics in a category.

Parameters:

Int	$categoryId	The category Id

Returns:
int the number of topics

2.7 - Post services

createPost ($topicId, $post)

This function is called to respond to a topic.

Parameters:

Int	**$topicId**	the topic Id
String	$post	The message of the user

Returns:
int return the post Id.

getPostsList ($topicId, $nbPosts = 10, $startPosition = 0)

This function is called to get the post's list of a topic.

Parameters:

Int	$topicId	the topic Id
(optional) Int	$nbPosts	The number of displaying posts
(optional) Int	$startPosition	The position to start selection

Returns:
array with a field "operation": "1" for success & "0" for failure also "data"

getNbPostsByTopic ($topicId)

This function is called to count the number of posts in a topic.

Parameters:

Int	$topicId	The topic Id

Returns:
int the number of posts