

Ethusam

API Specification

Trello Link: <https://trello.com/b/iDii83XV>

GitHub Link: <https://github.com/StarkTheGnr/SWE2-Community-Ethusam>

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***This document is not final and might be modified over the course of development.**

1- Create a new post

Creates a new post on the system.

Parameters:

1- UID – The unique ID of the user creating the comment.

2- Body – The body of the post to be posted.

3- Privacy – An integer denoting the privacy value.

0 – public, **1** – show to companies, **2** – show to followers

4- Topics – A tool to help show your post to interested viewers. A comma separated list of topics that the post revolves around.

Return:

1- PID – The unique ID of the post created. If failed, returns **-1**.

2- Get UID

Gets the unique ID of the user with the given username. (*) Subject to change.

Parameters:

1- Username – The username of the user.

Return:

1- UID – The unique ID of the user that owns the given username.

3- Reply to a post

Creates a new comment on a post.

Parameters:

- 1- **PID** – The unique ID of the post to be replied to.
- 2- **UID** – The unique ID of the user commenting.
- 3- **Body** – The body text of the comment being created.

Return:

- 1- **CID** – The unique ID of the comment just created.

4- Get a post

Gets a post with a specific ID.

Parameters:

- 1- **PID** – The unique ID of the post to get.
- 2- **UID** – The unique ID of the user trying to access this post.

Return:

- 1- **PID** – The unique ID of the post to get.
- 2- **Body** – The body text of the post.
- 3- **Privacy** - An integer denoting the privacy value.
0 – public, **1** – show to companies, **2** – show to followers
- 4- **Topics** - A tool to help show your post to interested viewers. A comma separated list of topics that the post revolves around.
- 5- **Comments** – An array of the first 20 comments under this post.
 - 1- **CID** – The unique ID representing this comment.
 - 2- **UID** – The unique ID of the user that created this comment.
 - 3- **Body** – The body of the comment.

5- Get 20 comments on a post

Gets the nth 20 comment on.

Parameters:

1- PID – The unique ID of the post to get.

2- UID – The unique ID of the user trying to access this post.

3- Batch Index – The API sends comments in batches of 20s. This integer value indicates the index of the batch.

Example: A batch index of 2 would return 20 comments starting from 40 to 59.

Return:

1- Comments – An array of the nth 20 comments under this post.

1- CID – The unique ID representing this comment.

2- UID – The unique ID of the user that created this comment.

3- Body – The body of the comment.

6- Get Followed

Gets a list of the IDs of the users that this person follows.

Parameters:

1- UID – The unique ID of the user.

Return:

1- UID List – Array of IDs of users that this user follows.

7- Get Followers

Gets a list of the IDs of the users that follow this person.

Parameters:

1- UID – The unique ID of the user.

Return:

1- UID List – Array of IDs of users that follow this user.

8- Vote on a post

Likes, Dislikes or removes the vote from a post.

Parameters:

- 1- PID – The unique ID of the post.
- 2- UID – The unique ID of the user.
- 3- Value – **1** for upvote, **0** for removing vote and **-1** for downvote.

Return:

- 1- Error – **0** for success and **-1** for failure.

9- Follow a user

Follow a user.

Parameters:

- 1- UID – The unique ID of the user.
- 2- Follow UID – The unique ID of the user to follow.

Return:

- 1- Error – **0** for success and **-1** for failure.

10- Get 10 interesting posts

Gets 10 interesting posts to the user.

Parameters:

- 1- UID – The unique ID of the user.

Return:

- 1- Posts – An array of post IDs.