Zend_Service_Twitter

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Zend Framework: Zend_Service_Twitter Component Proposal

Proposed Component Name	Zend_Service_Twitter
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Service_Twitter
Proposers	Matthew Weier O'Phinney and Jon Whitcraft
Revision	1.1 - 25 October 2007: Initial proposal creation (wiki revision: 11)

Table of Contents

1. Overview
2. References
3. Component Requirements, Constraints, and Acceptance Criteria
4. Dependencies on Other Framework Components
5. Theory of Operation
6. Milestones / Tasks
7. Class Index
8. Use Cases
9. Class Skeletons

1. Overview

Zend_Service_Twitter is a full implementation of the Twitter API.

2. References

- Twitter API

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** implement the full Twitter API.
- This component **should** namespace the various API methods according to the groupings in the Twitter API documentation.
- This component **will** allow re-using an object with multiple user/pass combinations.
- This component **will** use a single format for all return values.

4. Dependencies on Other Framework Components

- Zend_Rest_Client
- Zend_Service_Exception

5. Theory of Operation

Zend_Service_Twitter will allow a developer to interact with the Twitter API, supporting such actions as updating status, retrieving status lists, sending and receiving direct messages, and creating and removing friendship status. To simplify operation, all methods are namespaced according to the various method groupings on the official API documentation.

6. Milestones / Tasks

- Milestone 1: [DONE] Design notes will be published here
- Milestone 2: Working prototype checked into the incubator supporting use cases
- Milestone 3: Unit tests exist, work, and are checked into SVN.
- Milestone 4: Initial documentation exists.

7. Class Index

- Zend_Service_Twitter
- Zend_Service_Twitter_Search
- Zend_Service_TWitter_Exception

8. Use Cases

UC-01

```
$twitter = new Zend_Service_Twitter($user, $pass);

// Get public timeline
$publicTimeline = $twitter->status->publicTimeline();

// Loop through results:
foreach ($publicTimeline->status as $status) {
    $date = $status->created_at();
    $text = $status->text();
    $user = $status->user->screen_name();
    echo "$date: @$user: $text<br />\n";
}

// Get friend timeline
$friendTimeline = $twitter->status->friendTimeline();

// Update status
$twitter->status->update("I'm writing Zend_Service_Twitter");

// Get followers
$followers = $twitter->user->followers();

// Send a direct message
$twitter->directMessage->new('zendcon07', 'Will you be at the conference?');

// Create a friendship
$twitter->friendship->create('zendcon07');
```

9. Class Skeletons

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