Zend_Service_GitHub - Dennis Winter

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Zend Framework: Zend\Service\GitHub Component Proposal

Proposed Component Name	Zend\Service\GitHub
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend\Service\GitHub
Proposers	Dennis Winter
Zend Liaison	TBD
Revision	1.0 - 17 November 2010: Initial Draft. (wiki revision: 23)

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\GitHub allows to easily use GitHub's REST API.

"GitHub is the best way to collaborate with others. Fork, send pull requests and manage all your public and private git repositories."

2. References

GitHub's API Overview

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** partly require a valid GitHub-Account.
- This component **will** implement full GitHub REST API.
- This component **will** throw an Exception in case of a response error.
- This component **will not** provide a way to commit any data to the Git repository.

4. Dependencies on Other Framework Components

- Zend\Http\Client
- Zend\Rest\RestClient
- Zend\Json

5. Theory of Operation

6. Milestones / Tasks

- Milestone 1: Complete class overview and method signatures
- Milestone 2: Use cases
- Milestone 3: Prototype
- Milestone 4: User API
- Milestone 5: Network API
- Milestone 6: Issues API
- Milestone 7: Blob API
- Milestone 8: Tree API
- Milestone 9: Commit API
- Milestome 10: Repository API
- Milestone 11: Teams API
- Milestone 12: Organizations API
- Milestone 13: Gist API
- Milestone 14: Acceptance
- Milestone 15: Unit tests exist, work and are checked into Git
- Milestone 16: Initial documentation exists

7. Class Index

- Zend\Service\GitHub
- Zend\Service\GitHub\Blob
- Zend\Service\GitHub\Commits
- Zend\Service\GitHub\Exception
- Zend\Service\GitHub\Exception\InvalidArgumentException
- Zend\Service\GitHub\Exception\OutOfRangeException
- Zend\Service\GitHub\Exception\RuntimeException
- Zend\Service\GitHub\Exception\UnexpectedValueException
- Zend\Service\GitHub\Exception\ResponseErrorException
- Zend\Service\GitHub\Exception\NonAuthorizationException
- Zend\Service\GitHub\Gist
- Zend\Service\GitHub\Issues
- Zend\Service\GitHub\Network
- Zend\Service\GitHub\Repository
- Zend\Service\GitHub\Tree
- Zend\Service\GitHub\User
- Zend\Service\GitHub\Teams
- Zend\Service\GitHub\Organziations
- Zend\Service\GitHub\Pull

8. Use Cases

9. Class Skeletons

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