Zend_Validate_Uuid - Stephan Wentz

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Zend Framework: Zend_Validate_Uuid Component Proposal

Proposed Component Name	Zend_Validate_Uuid
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Validate_Uuid
Proposers	Stephan Wentz
Zend Liaison	TBD
Revision	1.0 - 2 February 2010: Initial Draft. (wiki revision: 21)

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1. Overview

Zend_Validate_Uuid is a component that validates 36-character UUIDs (Universally Unique Identifiers).

2. References

- UUID Wikipedia Entry
- RFC 4122
- UUID PECL extension

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** check if a string is a valid UUID.
- This component **will** use the uuid PECL extension if it is available
- This component **will** validate 36-character UUIDs.
- This component **will** will return true if the string is a valid UUID.
- This component **will** will ignore case.
- This component **will** will return false on wrong length

- This component **will** will return false on invalid chars (valid is 0-9a-z)
- This component **will** will return false on wrong positioned hyphens for 36 character UUIDs

4. Dependencies on Other Framework Components

- Zend_Validate_Abstract

5. Theory of Operation

The component is instantiated to validate UUID strings.

6. Milestones / Tasks

- Milestone 1: [DONE] write proposal
- Milestone 2: Get community feedback
- Milestone 3: Get the proposal approved
- Milestone 4: Working prototype checked into the incubator supporting use cases #1, #2
- Milestone 5: Unit tests exist, work, and are checked into SVN.
- Milestone 6: Initial documentation exists.

7. Class Index

- Zend_Validate_Uuid

8. Use Cases

9. Class Skeletons

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