Zend_Validate_PostCode - Thomas Weidner

<ac:macro ac:name="unmigrated-inline-wiki-markup"><ac:plain-text-body><![CDATA[

<ac:macro ac:name="unmigrated-inline-wiki-markup"><ac:plain-text-body><![CDATA[

Zend Framework: Zend_Validate_PostCode Component Proposal

Proposed Component Name	Zend_Validate_PostCode
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Validate_PostCode
Proposers	Thomas Weidner
Zend Liaison	TBD
Revision	1.0 - 7 June 2009: Initial Draft. (wiki revision: 9)

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_Validate_PostCode is a compnent which will validate if a given string conforms a post code from any region within the world.

2. References

- Wikipedia-Postal code

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** support postal codes from all countries
- This component **will** only validate
- This component **will not** change the notation of the input
- This component **will not** 100% detect if a given postal code exists or not

4. Dependencies on Other Framework Components

- Zend_Exception
- Zend_Locale

5. Theory of Operation

This component uses Zend_Locale to get the postal code informations for all known countries. These are then used to detect if the given input is a postal code or not. This component can not detect if a given postal code exists or not. It only checks if a given input can be a postal code, if the notation conforms, or not.

6. Milestones / Tasks

- Milestone 1: [DONE] Proposal finished
- Milestone 2: [DONE] Proposal accepted
- Milestone 3: [DONE] Coding finished
- Milestone 4: [DONE] Unit tests finished
- Milestone 5: [DONE] Documentation finished
- Milestone 6: [DONE] Component moved to core

7. Class Index

- Zend_Validate_PostCode

8. Use Cases

UC-01

Uses set application wide locale to detect the region to use

```
$validator = new Zend_Validate_PostCode();
$validator->isValid('AT-1234');
```

UC-02

Sets a region where the postal code is related to

```
$validator = new Zend_Validate_PostCode(array('locale' => 'de_AT'));
$validator->isValid('AT-1234');
```

or set it afterwards

```
$validator = new Zend_Validate_PostCode();
$validator->setLocale('de_AT');
$validator->isValid('AT-1234');
```

UC-03

Sets a self defined format for postal code validation

```
$validator = new Zend_Validate_PostCode(array('format' => '/^[0-9]{5-7}'));
$validator->isValid('12345');
```

9. Class Skeletons

```
class Zend_Validate_PostCode {
    public function __construct($options);
    public function getLocale();
    public function setLocale();
    public function getFormat();
    public function setFormat();
    public function isValid($input);
}
```

]]></ac:plain-text-body></ac:macro>
]]></ac:plain-text-body></ac:macro>