Zend_Vcard

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Zend Framework: Zend_Vcard Component Proposal

Proposed Component Name	Zend_Vcard
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Vcard
Proposers	Thomas Schaaf Sebastian Hoitz
Zend Liaison	TBD
Revision	1.0 - 19 October 2010: Initial Draft. (wiki revision: 4)

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1. Overview

Zend_Vcard is a class which has the capability to Generate and Parse Vcards.

2. References

- Vcard Wikipedia Entry
- Official specs for Vcard 2.1

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** extract all the information it can get out of a given Vcard string or Vcard file.
- This component **will** generate Vcards either by the Vcard 2.1 or 3.0 standard.

4. Dependencies on Other Framework Components

- Zend_Exception
- Zend_Date
- Zend_Mime

5. Theory of Operation

You can give it any Vcard and it will make a PHP Object.
You can give it a PHP Object and it will generate a Vcard.

6. Milestones / Tasks

- Milestone 1: [DONE]Write unit tests.
- Milestone 2: [DONE]Write code.
- Milestone 3: Get feedback and get approved.
- Milestone 4: Create documentation.

7. Class Index

- Zend_Vcard
- Zend_Vcard_Parser
- Zend_Vcard_Generator

8. Use Cases

UC-01

Just a simple example.

```
$vcardString = "BEGIN:VCARD\r\nVERSION:3.0\r\nN:Lastname;Firstname\r\nFN:Firstname
Lastname\r\nX-SKYPE:skypeAccount\r\nEND:VCARD";
$parser = new App_Data_Vcard_Parser($vcardString);
$vcardObject = $parser->parse();

$vcardObject = new App_Data_Vcard();
  $vcardObject->setFirstname("Firstname")
      ->setLastname("Lastname")
      ->setFullname("Firstname Lastname")
      ->addInstantmessenger('skypeAccount', App_Data_Vcard::IMSKYPE);
  $outputString = App_Data_Vcard_Generator::generate($vcardObject);
```

9. Class Skeletons

```
class Zend_Vcard_Exception extends Zend_Exception {}

class Zend_Vcard {
//constants
public function __call($function, $args){}
public function __get($name){}
public function __set($name, $value){}
public function addPhonenumber($phonenumberArray, $type = null){}
public function addEmail($emailArray, $type = null){}
public function addUrl($urlArray, $type = null){}
public function addAddress($addressArray){}
public function addInstantmessenger($imArray, $messenger = null, $type = null){}
}

class Zend_Vcard_Generator {
protected static function _renderName($vcardObject) {
}
protected static function _renderFullname($vcardObject) {
}
protected static function _render...($vcardObject) {
}
public static function generate($vcardObjects , $version = App_Data_Vcard::VERSION30)
 return $vcardString;
}

class Zend_Vcard_Parser {
public function __construct($filename)

protected static function _parseName($vcardObject) {
}
protected static function _parseFullname($vcardObject) {
}
protected static function _parse...($vcardObject) {
}
public static function parse()
 return $vcardObjectsArray;
}
```

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