Zend_Filter_StringAppend - Thomas Weidner

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Zend Framework: Zend_Filter_StringAppend & Zend_Filter_StringPrepend Component Proposal

Proposed Component Name	Zend_Filter_StringAppend & Zend_Filter_StringPrepend
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Filter_StringAppend & Zend_Filter_StringPrepend
Proposers	Thomas Weidner
Zend Liaison	TBD
Revision	1.0 - 14 May 2010: Initial (wiki revision: 3)

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1. Overview

Zend_Filter_StringAppend and Zend_Filter_StringPrepend are filters which allow to append or prepend a string with a certain content to a given string.

2. References

3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** append and prepend strings.
- This component **will not** work on resources like files.

4. Dependencies on Other Framework Components

- Zend_Filter

5. Theory of Operation

Zend_Filter_StringAppend can append a string to a string. It can be used to detect if the given string is already appended (per option). In this case, if set, no string will be appended. Zend_Filter_StringPrepend works reverse.

6. Milestones / Tasks

- Milestone 1: [DONE] Proposal finished
- Milestone 2: Proposal accepted
- Milestone 3: Working implementation
- Milestone 4: Unit tests
- Milestone 5: Documentation
- Milestone 6: Moved to core

7. Class Index

- Zend_Filter_StringAppend
- Zend_Filter_StringPrepend

8. Use Cases

UC-01

Prepend a string

```
$filter = new Zend_Filter_StringPrepend('http://');
```

INPUT: "www.example.com"
OUTPUT: "http://www.example.com"

UC-02

Prepend a string but only if it does not already exist

```
$filter = new Zend_Filter_StringPrepend(array('content' => 'http://', 'single' => true);
```

INPUT: "http://www.example.com"
OUTPUT: "http://www.example.com"

UC-03

Append a string but only if a collection of strings does not already exist

```
$filter = new Zend_Filter_StringAppend(array('content' => '.com', 'single' => array('.com', '.gov',
'.net'));
```

INPUT: "http://www.example.gov"
OUTPUT: "http://www.example.gov"

INPUT: "http://www.example"
OUTPUT: "http://www.example.com"

9. Class Skeletons

```
class Zend_Filter_Append{
    public function __construct();
    public function getContent();
    public function setContent($content);
    public function getSingle();
    public function setSingle($single);
    public function filter($filter);
}

class Zend_Filter_Prepend{
    public function __construct();
    public function getContent();
    public function setContent($content);
    public function getSingle();
    public function setSingle($single);
    public function filter($filter);
}
```

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