Zend_Markup_Parser_Markdown - Boris Guéry

<ac:macro ac:name="info"><ac:parameter ac:name="title">Zend_Markup_Parser_Markdown</ac:parameter><ac:rich-text-body>
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<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_Markup_Parser_Markdown Component Proposal

Proposed Component Name	Zend_Markup_Parser_Markdown
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Markup_Parser_Markdown
Proposers	Boris Guéry
Zend Liaison	TBD
Revision	0.1 - 1 March 2011: Initial Draft. (wiki revision: 5)

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1. Overview

Zend_Markup_Parser_Markdown is a parser for the wiki markup Markdown.

2. References

- Official Markdown website
- Python Implentation of Markdown

- Wikipedia
- Some article on the writting of a Markdown parser
- PHP implentation of Markdown

3. Component Requirements, Constraints, and Acceptance Criteria

Most requirements take the form of "foo will do ...." or "foo will not support ...", although different words and sentence structure might be used. Adding functionality to your proposal is requirements creep (bad), unless listed below. Discuss major changes with your team first, and then open a "feature improvement" issue against this component.

- This component **will** parse Markdown accordingly to the official Markdown syntax
- This component **will** fill a Zend_Markup_TokenList
- This component **would** supports Markdown Extra (Extra markup for uncommon elements)
- This component **will** not be aware of the renderer
- This component **will** implement Zend_Markup_Parser_ParserInterface

4. Dependencies on Other Framework Components

- Zend_Markup_Parser_ParserInterface
- Zend_Markup_Token
- Zend_Markup_TokenList

5. Theory of Operation

The component is mainly provided to be used through Zend_Markup factory method to be rendered with any Zend_Markup_Renderer_*. However, it could be used as is to return a Zend_Markup_Tokenlist tree instance.

6. Milestones / Tasks

- Milestone 1: design notes will be published here
- Milestone 2: Working prototype checked into the incubator supporting use cases #1, #2, ...
- Milestone 3: Working prototype checked into the incubator supporting use cases #3 and #4.
- Milestone 4: Unit tests exist, work, and are checked into SVN.
- Milestone 5: Initial documentation exists.

7. Class Index

- Zend_Magic_Parser_Markdown

8. Use Cases

UC-01

```
$markdown = <<
# Zend\_Markup\_Parser\_Markdown

## Requirements

* This component **will** parse Markdown accordingly to the [official Markdown
syntax](http://daringfireball.net/projects/markdown/syntax)
* This component **will** fill a Zend\_Markup\_TokenList
* This component **would** supports Markdown Extra (Extra markup for uncommon
elements)
* This component **will** not be aware of the renderer
* This component **will** implement Zend\_Markup\_Parser\_ParserInterface
EOF;

$m = Zend_Markup::factory('Markdown');
echo $m->render($markdown);

// result:

/*
<h1>Zend_Markup_Parser_Markdown</h1>

<h2>Requirements</h2>

<ul>
<li>This component <strong>will</strong> parse Markdown accordingly to the <a
href="http://daringfireball.net/projects/markdown/syntax">official Markdown
syntax</a></li>
<li>This component <strong>will</strong> fill a Zend_Markup_TokenList</li>
<li>This component <strong>would</strong> supports Markdown Extra (Extra markup for
uncommon elements)</li>
<li>This component <strong>will</strong> not be aware of the renderer</li>
<li>This component <strong>will</strong> implement
Zend_Markup_Parser_ParserInterface</li>
</ul>

*/
```

9. Class Skeletons

```
class Zend_Markup_Parser_Markdown implements Zend_Markup_Parser_ParserInterface {}
```

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