Zend_Archive - Pieter Kokx

<ac:macro ac:name="info"><ac:parameter ac:name="title">New Proposal Template</ac:parameter><ac:rich-text-body>
This page has been created from a template that uses "zones." To proceed:

Edit the page
Replace sample content within each zone-data tag with your own content
Remove this notice
Save the page
When you are ready for community review, move this page to the <ac:link><ri:page ri:content-title="Ready for Review" /></ac:link> section on the edit page.

<ac:macro ac:name="note"><ac:parameter ac:name="title">No placeholders allowed!</ac:parameter><ac:rich-text-body>
Please do not create placeholders. Wait until you have sufficient content to replace all sample data in the proposal template before creating your proposal document. </ac:rich-text-body></ac:macro></ac:rich-text-body></ac:macro>

<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_Archive Component Proposal

Proposed Component Name	Zend_Archive
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Archive
Proposers	Pieter Kokx
Zend Liaison	TBD
Revision	1.0 - 1 January 2008: 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_Archive is a component that will be able to read and write archives.

2. References

- Tar Wikipedia Entry
- Archive formats on Wikipedia

3. Component Requirements, Constraints, and Acceptance Criteria

- Zend_Archive **will** be able to read and edit archives.
- Zend_Archive **will** be able to create new archives.

4. Dependencies on Other Framework Components

- Zend_Exception
- Zend_Loader_PluginLoader

5. Theory of Operation

This component will first read all the metadata from an archive. When requested, it will open a specific file or

6. Milestones / Tasks

- Milestone 1: [DONE] Create the proposal
- Milestone 2: Initial class design
- Milestone 3: Submit the proposal for community review
- Milestone 4: Create working prototype
- Milestone 5: Create code-covering unit tests.

7. Class Index

- Zend_Archive
- Zend_Archive_Tar
- Zend_Archive_Gzip
- Zend_Archive_Zip
- Zend_Archive_Bz2
- Zend_Archive_Abstract

8. Use Cases

UC-01

Opening and extracting an existing archive.

```
<?php
$tgz = Zend_Archive::factory('path/to/archive.tgz');
// $tgz is an instance of Zend_Archive_Gzip

// will place a .tar file in path/to/extract/directory
$tar = $tgz->extract('path/to/extract/directory');
// $tar is an instance of Zend_Archive_Tar for the newly created tar archive

// you can also get the $tar object without specifying the extraction directory:
$tar = $tgz->extract();

// will extract the data completely into the chosen directory
// this function is designed for formats like tar.gz or tar.bz2
$tgz->totalExtract('path/to/extract/directory');
```

UC-02

Create an archive and save it to a directory

```
<?php
$zip = Zend_Archive::factory('zip', Zend_Archive::NEW);
// will create an instance of Zend_Archive_Zip

$zip->addDirectory('path/to/directory', 'internal/path/to/directory');

$zip->addFile('path/to/file.ext', 'internal/path/to/file.ext');

$zip->save('path/to/packing/directory');
```

9. Class Skeletons

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

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