Zend_Pmd

<ac:macro ac:name="note"><ac:parameter ac:name="title">Under Construction</ac:parameter><ac:rich-text-body>
This proposal is under construction and is not ready for review. </ac:rich-text-body></ac:macro>

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Zend Framework: Zend_Pmd Component Proposal

Proposed Component Name	Zend_Pmd
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Pmd
Proposers	jakub.mrozek@gmail.com
Revision	(wiki revision: 6)

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1. Overview

Zend_Pmd is Zend Framework coding standards checker. This component helps your developer team keep the same coding standards.

2. References

- PMD for Java programmers

3. Component Requirements, Constraints, and Acceptance Criteria

4. Dependencies on Other Framework Components

- Zend_Exception

- Zend_Loader

5. Theory of Operation

6. Milestones / Tasks

7. Class Index

- Zend_Pmd
- Zend_Pmd_Result
- Zend_Pmd_Exception
- Zend_Pmd_Plugins_Interface
- Zend_Pmd_Plugins_StartTag
- Zend_Pmd_Plugins_EndTag
  ...

8. Use Cases

UC-01

```
<?php
$pmd = new Zend_Pmd('file.php');
$pmd->addPluginsDir('path/to/plugins');

//Process PMD
$pmd->process();

//Is there any warnings or errors?
if (!$num_errors = count($pmd)) {
    echo 'Your PHP file is without warnings or errors!';
} else {
    echo 'You have <strong>' . $num_errors . '</strong> errors and warnings' ;
}

//If you want show errors or warnings, you can do it by 2 ways:

//1. Echo results by calling __toSring() method:
//set line separator
$pmd->setLineSeparator('<br />\n');
echo $pmd;
//The output is for example:
// Line: 1, error: PHP file must start with <?php<br />\n
// Line: 18, error: dont't use else if, use elseif insted<br />\n
// Line: 332, error: PHP file cannot be ended with ?><br />\n

//2. Retrive results by foreach loop (don't call Zend_Pmd::process() first!)
foreach ($pmd as $value) {
    echo 'Line: ' . $value->getLine() . ',  message: ' . $value->getMessage() . '<br
/>\n';
}
```

9. Class Skeletons

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