Zend_View_Helper_* Additions

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Zend Framework: Zend_View_Helper_* Additions Component Proposal

Proposed Component Name	Zend_View_Helper_* Additions
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_View_Helper_* Additions
Proposers	Ralph Schindler
Revision	1.0 - 10 July 2007: Initial Proposal (wiki revision: 5)

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1. Overview

Zend_View_Helper_* (Doctype, HeadBase, HeadLink, HeadMeta, HeadScript, HeadStyle, HeadTitle) allow developers to injects view script dependencies into a master layout. See usage cases below.

2. References

3. Component Requirements, Constraints, and Acceptance Criteria

These components (while not nessissary) do work best when combined with a Two-Step approach to formalizing a layout.

4. Dependencies on Other Framework Components

- Zend_View_Helper
- Zend_Exception

5. Theory of Operation

6. Milestones / Tasks

7. Class Index

- Zend_View_Helper_Doctype - for doctype printing and tracking, other helpers would check this to determine if xhtml is in use
- Zend_View_Helper_HeadBase - for appending the base url to a page
- Zend_View_Helper_HeadLink - for appending links to the head section, specifically stylesheets
- Zend_View_Helper_HeadMeta - for appending meta-data to head sections
- Zend_View_Helper_HeadScript - for appending js files and js snippets for inclusion in the head section
- Zend_View_Helper_HeadStyle - for appending free floating style sections to head section
- Zend_View_Helper_HeadTitle - allowing the setting of snipptes of a title from view scripts, for inclusion in overall layout

8. Use Cases

UC-01

```
Doctype usage:
<?php echo $this->doctype('XHTML1_STRICT'); ?>
<html xmlns="http://www.w3.org/1999/xhtml" lang="en">
  ...
```

UC-02

Sample Head section:

```
<title>Ralph Schindler</title>

        <?
        echo $this->headLink()
            ->setIndent('        ')
            ->appendStylesheet('/styles/main.css', 'screen')
            ->appendStylesheet('/styles/main-ie.css', 'screen', 'gte IE 7')
            ->appendStylesheet('/styles/main-ie6.css', 'screen', 'lt IE 7')
            ->appendAlternate('feeds/blog/', 'application/rss+xml', 'Ralph Schindler');
        ?>

        <?
        echo $this->headScript()
            ->setIndent('        ')
            ->appendScriptFile('/scripts/test.js');
        ?>
```

9. Class Skeletons

```
class Zend_View_Helper_Doctype
{

    const XHTML1_STRICT       = 'XHTML1_STRICT';
    const XHTML1_TRANSITIONAL = 'XHTML1_TRANSITIONAL';
    const XHTML1_FRAMESET     = 'XHTML1_FRAMESET';
    const HTML4_STRICT        = 'HTML4_STRICT';
    const HTML4_LOOSE         = 'HTML4_LOOSE';
    const HTML4_FRAMESET      = 'HTML4_FRAMESET';
    const CUSTOM_XHTML        = 'CUSTOM_XHTML';
    const CUSTOM              = 'CUSTOM';

    protected $_doctype = self::HTML4_LOOSE;

    public function doctype($doctype);
    public function getDoctype();
    public function setDoctype($doctype);

}
```

```
class Zend_View_Helper_HeadBase
{
    public function headBase();
}
```

```
/**
 * Zend_Layout_View_Helper_HeadLink
 *
 * @see http://www.w3.org/TR/xhtml1/dtds.html
 */
class Zend_View_Helper_HeadLink extends ArrayObject
{
    protected $_links = array();
    protected $_validAttributes = array('charset', 'href', 'hreflang', 'media', 'rel', 'rev', 'type');
    protected $_indent = null;

    public function __construct();

    public function headLink()
    public function append($attributes, $index = null)
    public function getIterator()
    public function count()
    public function setIndent($indent)
    public function toString($indent = null)
    public function __toString()
    public function appendStylesheet($href, $media = 'screen', $conditionalStylesheet = null)
    public function appendAlternate($href, $type, $title)

    // Navigation?  need to find docs on this
    //public function appendStart()
    //public function appendContents()
    //public function appendPrev()
    //public function appendNext()
    //public function appendIndex()
    //public function appendEnd()
    //public function appendGlossary()
    //public function appendAppendix()
    //public function appendHelp()
    //public function appendBookmark()

    // Other?
    //public function appendCopyright()
    //public function appendChapter()
    //public function appendSection()
    //public function appendSubsection()
}
```

```
class Zend_View_Helper_HeadMeta
{

    public function headMeta();
    public function appendKeywords($keywords);
    public function setContentType($contentType);
    public function appendDescription($description);
    /* .... other undecided methods here .... */

}
```

```
class Zend_View_Helper_HeadScript extends ArrayObject implements Countable
{

    protected $_view;
    protected $_scripts = array();
    protected $_indent = null;
    public function headScript()
    public function append($attributes, $content = null, $index = null)
    public function appendScriptFile($src, $type = 'text/javascript')
    public function appendScript($script, $type = 'text/javascript')
    public function count()
    public function setIndent($indent)
    public function toString($indent = null)
    public function __toString()
    public function setView($view)
}
```

```
class Zend_View_Helper_HeadStyle
{
    public function headStyle()
    public function appendStyle($styleCode);
    public function __toString()
}
```

```
class Zend_View_Helper_HeadTitle
{
    protected $_prefix  = null;
    protected $_title   = null;
    protected $_postfix = null;
    public function headTitle($title = null, $prefix = null, $postfix = null)
    public function setTitle($title)
    public function appendTitle($title)
    public function getTitle()
    public function setPrefix($prefix)
    public function getPrefix()
    public function setPostfix($postfix)
    public function getPostfix()
    public function toString()
    public function __toString()
}
```

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