Zend_Http_Request - Michael Sheakoski

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Zend Framework: Zend_Http_Request Component Proposal

Proposed Component Name	Zend_Http_Request
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Zend_Http_Request
Proposers	Michael Sheakoski
Revision	1.1 - 1 August 2006: Updated from community comments. (wiki revision: 37)

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This code is shared with the Zend MVC Changes proposal http://framework.zend.com/wiki/x/eB

1. Overview

- **Zend_Http_Request** is a container used for accessing GET, POST, COOKIE, PATH_INFO, and various input from the browser. It uses error correction and fallback methods to emulate certain variables when they are not set or not in the proper format.

2. References

http://msdn2.microsoft.com/en-us/library/system.web.httprequest.aspx
http://java.sun.com/javaee/5/docs/api/javax/servlet/http/HttpServletRequest.html

3. Component Requirements, Constraints, and Acceptance Criteria

4. Dependencies on Other Framework Components

5. Theory of Operation

The component can be instantiated anywhere in the script. The "get" accessor methods will automatically attempt to gather the requested data. If not successful, null is returned. Some methods include a "set" accessor as well in case the matching "get" accessor needs to be overridden.

6. Milestones / Tasks

7. Class Index

- Zend_Http_Request

8. Use Cases

```
<?php

set_include_path(get_include_path() . PATH_SEPARATOR . 'path/to/library');

require_once 'Zend.php';
function __autoload($class) {
    Zend::loadClass($class);
}

// Let's pretend the url is:
http://mysite.com/test/index.php/foo/bar?username=michael&state=California
// and some POST vars: city = 'Wonkaland", state = 'OH', zip = '12345'

$request = new Zend_Http_Request();

echo $request->getPathInfo(); // '/foo/bar'
echo $request->PATH_INFO; // same as above, uses same function
echo $request->getServer('PATH_INFO'); // value taken directly from $_SERVER instead of being
calculated.
                                        // ideally it would be the same as above but that's wishful
thinking

echo $request->getPost('city'); // 'Wonkaland'
echo $request->city;  // same as above
echo $request->state; // 'California' -- the order of precedence is GET, POST, COOKIE, SERVER, ENV

echo $request->getQuery('username'); // 'michael'
echo $request->getQuery('blahBlahThisDoesNotExist'); // null

echo $request->getBaseUrl() . '/user/edit';        // '/test/index.php/user/edit' -- useful for
generating URLs
echo $request->getBasePath() . '/images/zend.png'; // '/test/images/zend.php' -- useful for pointing
to images/css/js in your views
```

9. Class Skeletons

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