

Intercepting Filters - Mike Borozdin

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Zend Framework: Intercepting Filters Component Proposal

Proposed Component Name	Intercepting Filters
Developer Notes	http://framework.zend.com/wiki/display/ZFDEV/Intercepting Filters
Proposers	Mike Borozdin, author Darby Felton, Zend liaison
Revision	1.1 - 18 July 2006: Some thoughts of mine. (wiki revision: 14)

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1. Overview

Zend Framework lacks of intercepting filters that should be executed before a specified controllers or actions in order to make some validations, for example, check whether user is authenticated if not then redirect to a login page, the code can look something like this

```
$controller = Zend_Controller_Front::getInstance();  
$filterChain = new Zend_Filter_Chain();  
$filterChain->add(new AuthenticationFilter(), "pages", array("add", "edit",  
"remove"));  
$controller->setFilterChain($filterChain);
```

For instance, we have PagesController that has four actions: viewAction(), addAction(), editAction(), removeAction(), the last three actions can be performed by autenticates users only, so we must check. Sure, we can put this logic to the action method or write Authenticated_Controller_Action, but what if we have to make some other validations.

Zend Framework has a plugin mechanism that is not documented now, I tried to make a plugin that extends Zend_Controller_Plugin_Abstract but it lacks of interaction with controllers and action, besides it can't stop the routing process.

If you have any ideas, please comment or e-mail me.

2. References

- [Core J2EE Patterns - Intercepting Filter](#)
- [SitePoint threads](#)

3. Component Requirements, Constraints, and Acceptance Criteria

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4. Dependencies on Other Framework Components

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5. Theory of Operation

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