Intercepting Filters - Mike Borozdin

<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: 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)

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 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

zone: Missing {zone-data:requirements}

4. Dependencies on Other Framework Components

zone: Missing {zone-data:dependencies}

5. Theory of Operation

zone: Missing {zone-data:operation}

6. Milestones / Tasks

zone: Missing {zone-data:milestones}

7. Class Index

zone: Missing {zone-data:class-list}

8. Use Cases

zone: Missing {zone-data:use-cases}

9. Class Skeletons

zone: Missing {zone-data:skeletons}
]]></ac:plain-text-body></ac:macro>

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