

# Zend\_Acl & MVC Integration - Aldemar Bernal

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## Zend Framework: Zend\_Acl & MVC Integration Component Proposal

<b>Proposed Component Name</b>	Zend_Acl & MVC Integration
<b>Developer Notes</b>	<a href="http://framework.zend.com/wiki/display/ZFDEV/Zend_Acl+&amp;+MVC+Integration">http://framework.zend.com/wiki/display/ZFDEV/Zend_Acl &amp; MVC Integration</a>
<b>Proposers</b>	Aldemar Bernal Matthew Weier O'Phinney (Zend Liaison)
<b>Revision</b>	1.0 - 14 November 2007: Proposal created. 1.1 - 15 November 2007: Use cases created. 1.2 - 17 November 2007: First working prototype implemented. 1.3 - 12 January 2008: Changes made for ready for review state. (wiki revision: 61)

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### 1. Overview

Zend\_Acl - MVC Integration is a combination of a front controller plug in and a action helper that allows to grant or deny access to certain actions in MVC structured applications, this component helps the developer to allow users the access only to the pages they are meant to access in a easy way by just defining once which parts of the application can be accessed, this can be configured either in the bootstrap where you can define the guest privileges, or, at login time loading from your db users table the correct privileges.

### 2. References

- [Zend\\_Acl documentation](#)
- [Zend\\_Controller Plugin documentation](#)
- [My own implementation](#)

### 3. Component Requirements, Constraints, and Acceptance Criteria

- This component **will** allow developers to stop validating if an user has access to certain page by just setting up the component in the

- bootstrap or when a user login.
- This component **will** help applications to be more secure.
- This component **will** work with both module/controller/action and controller/action configurations.
- This component **will** be available via an action helper.

## 4. Dependencies on Other Framework Components

- Zend\_Acl
- Zend\_Config
- Zend\_Controller\_Front
- Zend\_Acl\_Exception

## 5. Theory of Operation

This component can be instantiated using an ACL object, it must have a role (which name can be set up on the plugin) and the allowed/denied operations (module/controller/action combination). After created, it must be registered as a Front Controller Plugin, optionally, if you want to access ACL inside the controller you will have to register the Action Helper.

## 6. Milestones / Tasks

- Milestone 1: [DONE]Create ZF Wiki info.
- Milestone 2: [DONE]Working prototype and some examples. **UCs implemented [click here to download](#).**
- Milestone 3: Working prototype checked into the incubator supporting use cases.
- Milestone 4: Unit tests exist, work, and are checked into SVN.
- Milestone 5: Initial documentation exists.

## 7. Class Index

- Zend\_Controller\_Plugin\_Acl
- Zend\_Controller\_Action\_Helper\_Acl

## 8. Use Cases

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