

## Redmine - Feature #2659

### Refactor Mailer delivery methods out of controller and into observers

2009-02-04 00:01 - Eric Davis

<b>Status:</b>	Closed	<b>Start date:</b>	2009-02-03
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Eric Davis	<b>% Done:</b>	100%
<b>Category:</b>	Email notifications	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>	0.9.0		
<b>Resolution:</b>	Fixed		
<b>Description</b>			
There are a few Mailer method calls buried inside of controllers that would be better off as <a href="#">Observers</a> (e.g. IssuesController#add). I'll do the refactoring, just wanted to open an issue so it appears in the release notes.			

#### Associated revisions

##### Revision 2637 - 2009-03-28 01:38 - Eric Davis

Added observers to watch model objects for mail delivery instead of calling Mailer.

- Added an IssueObserver to watch when Issues are created
- Added a JournalObserver to watch when Journals are created (Issue updates)
- Added a NewsObserver for News items.
- Added a DocumentObserver for Document notifications.
- Setup IssuesController#new to use the IssueObserver.
- Setup IssuesController#edit to use the IssueObserver.
- Setup IssuesController#bulk\_edit to use the JournalObserver.
- Removed the Mailer call in Changeset#scan\_commit\_for\_issue\_ids, the JournalObserver will handle it.
- Removed Mailer calls in MailHandler in favor of the Observers.

#2659

#### History

##### #1 - 2009-02-06 16:55 - Jean-Philippe Lang

Before doing the refactoring, here are a few thoughts:

- how to do a single notification when several objects are added/updated (just how it occurs today when adding several files at the same time)? A notification should be also added when bulk editing issues. Sending a notification for each modified issue would be insane and pretty slow.
- maybe one day, we'd like to display the name of the users that were notified (eg. in the flash message). How to retrieve it from the observer?

##### #2 - 2009-02-10 01:06 - Eric Davis

Jean-Philippe Lang wrote:

*Before doing the refactoring, here are a few thoughts: - how to do a single notification when several objects are added/updated (just how it occurs today when adding several files at the same time)?*

I'll watch out for those. My main concern is the issue notifications. The add\_files action isn't very complex so it won't need refactoring right now.

*A notification should be also added when bulk editing issues. Sending a notification for each modified issue would be insane and pretty slow.*

Bulk edits already send one email per issue:

```
# app/controllers/issues_controller.rb L252
```

```
Mailer.deliver_issue_edit(journal) if journal.details.any? && Setting.notified_events.include?('issue_updated')
```

- maybe one day, we'd like to display the name of the users that were notified (eg. in the flash message). How to retrieve it from the observer?

Would that be the responsibility of the Observer, the Mailer, or the Controller though?

**#3 - 2009-03-28 01:36 - Eric Davis**

- Status changed from 7 to Resolved

- Target version set to 0.8.3

- % Done changed from 0 to 100

- Resolution set to Fixed

I've added some observers to watch model objects for mail delivery instead of calling Mailer in r2637.

**#4 - 2009-04-05 14:06 - Jean-Philippe Lang**

- Status changed from Resolved to Closed

- Target version changed from 0.8.3 to 0.9.0

Thanks, I prefer to keep this refactoring for 0.9.