## Redmine - Feature #2659

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

2009-02-04 00:01 - Eric Davis

Status:	Closed	Start date:	2009-02-03
Priority:	Normal	Due date:	
Assignee:	Eric Davis	% Done:	100%
Category:	Email notifications	Estimated time:	0.00 hour
Target version:	0.9.0		
Resolution:	Fixed		

## **Description**

There are a few Mailer method calls buried inside of controllers that would be better off as <u>Observers</u> (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?

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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 <u>r2637</u>.

# #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.

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