Redmine - Feature #11530

Support hooks in mailer

2012-07-29 10:47 - Kouhei Sutou

Status:	New		**Start date:**	
Priority:	Normal		**Due date:**	
Assignee:			**% Done:**	0%
Category:	Email notifications		**Estimated time:**	0.00 hour
Target version:	Candidate for next major release			
Resolution:				

Description
Could you support hooks in mailer?
Views can be extended by plugin. I want to extend mail content by plugin.
I want to add newly added Wiki content to Wiki added notification mails.
I also want to add changed Wiki content diff to Wiki updated notification mails.
If Redmine supports hooks in mailer, I can write a plugin to do them.

Related issues:	
Related to Redmine - Feature #12508: Add diff to wiki change notification	**New**
Related to Redmine - Feature #26839: Inline Email Diff For Issue 'Description...	**New**

History

#1 - 2012-07-29 10:52 - Kouhei Sutou

- File 0001-Support-hooks-in-mailer.patch added

I attach a patch to support hooks in mailer.

We need to do two things to support hooks in mailer.

1. Add view path of plugins to ActionView::Base
2. Call call_hook in template

Here is the change for view path:

```
diff --git a/lib/redmine/plugin.rb b/lib/redmine/plugin.rb
index c3f4150..dae51ee 100644
--- a/lib/redmine/plugin.rb
+++ b/lib/redmine/plugin.rb
@@ -82,6 +82,7 @@ module Redmine #:nodoc:
      view_path = File.join(p.directory, 'app', 'views')
      if File.directory?(view_path)
        ActionController::Base.prepend_view_path(view_path)
+        ActionMailer::Base.prepend_view_path(view_path)
      end

      # Adds the app/{controllers,helpers,models} directories of the plugin to the autoload path
```

In the patch, just two call_hook are only added. We need more call_hook to make mailer more extensible.

#2 - 2012-07-29 11:04 - Kouhei Sutou

Here is a plugin that uses hooks in mailer:
https://github.com/kou/redmine-plugin-wiki-change-notifier

If this feature request is accepted, the plugin works.

For now, the plugin works with the attached patch.

#3 - 2012-09-24 04:25 - Kouhei Sutou

- File support-hooks-in-mailer-for-r10463.patch added

I've updated the patch because [#11776](#) adds the following change:

```
diff --git a/lib/redmine/plugin.rb b/lib/redmine/plugin.rb
index c3f4150..dae51ee 100644
--- a/lib/redmine/plugin.rb
+++ b/lib/redmine/plugin.rb
@@ -82,6 +82,7 @@ module Redmine #:nodoc:
      view_path = File.join(p.directory, 'app', 'views')
      if File.directory?(view_path)
        ActionController::Base.prepend_view_path(view_path)
+       ActionMailer::Base.prepend_view_path(view_path)
      end

      # Adds the app/{controllers,helpers,models} directories of the plugin to the autoload path
```

#4 - 2014-05-09 06:27 - Toshi MARUYAMA

- Related to Feature #12508: Add diff to wiki change notification added

#5 - 2015-10-08 14:27 - Kouhei Sutou

- File support-hooks-in-mailer-for-r14648.patch added

I've updated the patch for [r14648](#).

#6 - 2015-10-08 15:05 - Go MAEDA

Thank you for submitting patches.
Although the patch updates app/views/mailer/wiki_content_*.erb, I think other app/views/mailer/*.erb files should also have hooks for consistency.

#7 - 2015-10-08 15:22 - Kouhei Sutou

Thanks for your response.
I'll also update other files when a developer accepts this request.

#8 - 2017-09-12 09:40 - okkez _

- File support-hooks-in-mailer-for-r16963.patch added

I've updated the patch for [r16963](#).
This patch also includes changes for adding hooks to app/views/mailer/*.erb same as app/views/mailer/wiki_content_*.erb.

I hope that next major release includes this patch.

#9 - 2017-09-15 16:37 - Go MAEDA

- Target version set to 4.1.0

okkez _ wrote:

> I've updated the patch for [r16963](#).
> This patch also includes changes for adding hooks to app/views/mailer/*.erb same as app/views/mailer/wiki_content_*.erb.

It looks good to me. I am setting target version to 4.1.0.
Thank you for posting the patch.

#10 - 2017-10-04 13:11 - Toshi MARUYAMA

- Related to Feature #26839: Inline Email Diff For Issue 'Description' Changes added

#11 - 2019-06-20 09:44 - Jean-Philippe Lang

- Target version changed from 4.1.0 to Candidate for next major release

We need to provide a way for the hook to know if we're rendering a html or plain text email.

#12 - 2019-06-20 09:50 - Kouhei Sutou

It's already provided.

If we're rendering a HTML email, XXX.html.erb is used.
If we're rendering a plain text email, XXX.text.erb is used.

#13 - 2019-06-20 10:13 - Jean-Philippe Lang

Kouhei Sutou wrote:

> It's already provided.
> If we're rendering a HTML email, XXX.html.erb is used.
> If we're rendering a plain text email, XXX.text.erb is used.

Sure, but how does the hook that is called know about this?

#14 - 2019-07-30 11:30 - Kouhei Sutou

We can get :text in XXX.text.erb and :html in XXX.html.erb by calling lookup_context.rendered_format.
We can also get [:text] in XXX.text.erb and [:html] in XXX.html.erb by calling formats.

#15 - 2019-11-05 08:46 - Kouhei Sutou

- File support-hooks-in-mailer-for-r18899.patch added

I've updated the patch for [r18899](#).

#16 - 2019-11-05 10:49 - Kouhei Sutou

- File support-hooks-in-mailer-for-r18899-2.patch added

I added more hooks to `app/views/mailer/issue_edit*`:

```
--- support-hooks-in-mailer-for-r18899.patch    2019-11-05 16:44:11.906980336 +0900
+++ support-hooks-in-mailer-for-r18899-2.patch    2019-11-05 18:46:16.355343392 +0900
@@ -132,28 +132,68 @@
 ===================================================================
 --- app/views/mailer/issue_edit.html.erb    (revision 18899)
 +++ app/views/mailer/issue_edit.html.erb    (working copy)
-@@ -13,3 +13,8 @@
+@@ -10,6 +10,28 @@
+ <% end %>
+ </ul>
+
++<%= call_hook(:view_mailer_issue_edit_after_details,
++            :issue => @issue,
++            :journal => @journal,
++            :journal_details => @journal_details,
++            :users => @users,
++            :issue_url => @issue_url) %>
++
   <%= textilizable(@journal, :notes, :only_path => false) %>
++
++<%= call_hook(:view_mailer_issue_edit_after_notes,
++            :issue => @issue,
++            :journal => @journal,
++            :journal_details => @journal_details,
++            :users => @users,
++            :issue_url => @issue_url) %>
++
   <hr />
   <%= render :partial => 'issue', :formats => [:html], :locals => { :issue => @issue, :user => @user, :issue_u
rl => @issue_url } %>
 +
 +<%= call_hook(:view_mailer_issue_edit_bottom,
 +            :issue => @issue,
++            :journal => @journal,
++            :journal_details => @journal_details,
 +            :users => @users,
 +            :issue_url => @issue_url) %>
 Index: app/views/mailer/issue_edit.text.erb
 ===================================================================
 --- app/views/mailer/issue_edit.text.erb    (revision 18899)
 +++ app/views/mailer/issue_edit.text.erb    (working copy)
-@@ -10,3 +10,8 @@
+@@ -3,10 +3,27 @@
```

```
+ <% details_to_strings(@journal_details, true).each do |string| -%>
+ <%= string %>
+ <% end -%>
+-
++<%= call_hook(:view_mailer_issue_edit_after_details,
++            :issue => @issue,
++            :journal => @journal,
++            :journal_details => @journal_details,
++            :users => @users,
++            :issue_url => @issue_url) -%>
+ <% if @journal.notes? -%>
+ <%= @journal.notes %>
+
  <% end -%>
++<%= call_hook(:view_mailer_issue_edit_after_notes,
++            :issue => @issue,
++            :journal => @journal,
++            :journal_details => @journal_details,
++            :users => @users,
++            :issue_url => @issue_url) -%>
  ------------------------------------
  <%= render :partial => 'issue', :formats => [:text], :locals => { :issue => @issue, :user => @user, :issue_u
rl => @issue_url } %>
-+
 +<%= call_hook(:view_mailer_issue_edit_bottom,
 +            :issue => @issue,
++            :journal => @journal,
++            :journal_details => @journal_details,
 +            :users => @users,
-+            :issue_url => @issue_url) %>
++            :issue_url => @issue_url) -%>
 Index: app/views/mailer/lost_password.html.erb
 ===================================================================
 --- app/views/mailer/lost_password.html.erb     (revision 18899)
```

#17 - 2019-11-05 11:27 - Kouhei Sutou

- File support-hooks-in-mailer-for-r18899-3.patch added

Sorry... I added one more cosmetic fix...

#18 - 2021-09-07 23:46 - Kouhei Sutou

- File support-hooks-in-mailer-for-r21217.patch added

I've updated the patch for r21217.

#19 - 2022-05-01 22:30 - Kouhei Sutou

Could someone take a look at this?
We use this maintained patch in almost 10 years. We use this patch with Redmine 5.0.0 now.

Files

0001-Support-hooks-in-mailer.patch	3 KB	2012-07-29	Kouhei Sutou
support-hooks-in-mailer-for-r10463.patch	1.95 KB	2012-09-24	Kouhei Sutou
support-hooks-in-mailer-for-r14648.patch	1.94 KB	2015-10-08	Kouhei Sutou
support-hooks-in-mailer-for-r16963.patch	15.7 KB	2017-09-12	okkez _
support-hooks-in-mailer-for-r18899.patch	16.4 KB	2019-11-05	Kouhei Sutou
support-hooks-in-mailer-for-r18899-2.patch	17.8 KB	2019-11-05	Kouhei Sutou
support-hooks-in-mailer-for-r18899-3.patch	17.8 KB	2019-11-05	Kouhei Sutou
support-hooks-in-mailer-for-r21217.patch	18 KB	2021-09-07	Kouhei Sutou