

## Redmine - Feature #3988

### Show diff in revision page

2009-10-07 15:46 - Martin Bagge

<b>Status:</b>	Reopened	<b>Start date:</b>	2009-10-07
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>		<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>			
<b>Resolution:</b>			

#### Description

In the revision browser it would be good to have the diff for the current revision. Trac does this and it is a really nice way to get a overview of the changes involved.

See the differences between these two links (not the same files but point proven):

- <http://trac.edgewall.org/changeset/8645>
- <http://www.redmine.org/projects/redmine/repository/revisions/2900>

The diff view that is accessible in Redmine today could be moved one step up (so I do not have to click the link). Maybe the best way would be to implement the feature as a option for the project to choose, the default view inline could also be chooseable here. Some projects might not want this because of the time it could take to generate the diffes if not cached. (I am sorry if this issue is addressed elsewhere, please direct me there in that case...)

```
mbagge@mbagge-1:~/redmine$ ruby script/about
About your application's environment
Ruby version          1.8.7 (x86_64-linux)
RubyGems version     1.3.4
Rails version        2.1.2
Active Record version 2.1.2
Action Pack version  2.1.2
Active Resource version 2.1.2
Action Mailer version 2.1.2
Active Support version 2.1.2
Application root     /home/mbagge/redmine
Environment          development
Database adapter     mysql
```

```
About your Redmine plugins
Scrumdashboard plugin  1.2
Redmine Repo Pygments plugin 0.0.2
Redmine Bugcloud plugin 0.0.2.1
Redmine Backlogs plugin 0.0.1
```

I am using SVN 0.8-stable btw.

#### Related issues:

Related to Redmine - Feature #4266: Display changeset comment on repository d...	<b>Closed</b>	<b>2009-11-23</b>
Related to Redmine - Feature #2762: Hide list of changed files on revision page	<b>Closed</b>	<b>2009-02-16</b>
Related to Redmine - Feature #2372: Ideas for the Revisions page	<b>New</b>	<b>2008-12-22</b>
Related to Redmine - Feature #1443: Making the Repository module as nice as t...	<b>New</b>	<b>2008-06-13</b>
Related to Redmine - Feature #6352: Showing diff of structural changes in rep...	<b>New</b>	<b>2010-09-10</b>
Is duplicate of Redmine - Feature #7139: Highlight changes inside diff lines	<b>Closed</b>	<b>2010-12-20</b>

#### History

**#1 - 2009-10-07 17:36 - Eric Davis**

- Category set to SCM

- Status changed from New to 7

- Assignee set to Eric Davis

+1 I think providing the diff view on the revision view would be a nice improvement. That way the code can be reviewed along with the comment's about the revision. I'll take a look at implementing this.

## #2 - 2009-10-11 10:53 - Jean-Philippe Lang

This should include an on/off application setting. With [#4015](#), we will be able to override at project level.

## #3 - 2009-11-23 02:06 - Mischa The Evil

@ Eric: I've related the issue we've briefly discussed over IRC ([#4266](#)) to this issue.

## #4 - 2010-10-25 17:02 - Eric Davis

- Assignee deleted (Eric Davis)

## #5 - 2011-03-13 23:24 - Sven M

For me it's a very big disadvantage compared to Trac. I'd love to see this in redmine!

## #6 - 2011-03-15 13:01 - random tao

i think it's also related to [#6352](#)

## #7 - 2011-03-29 12:27 - Toshi MARUYAMA

- Status changed from 7 to Closed

- Resolution set to Duplicate

This issue feature is implemented in [#7139](#).

## #8 - 2011-03-29 13:06 - Martin Bagge

- Status changed from Closed to Reopened

what?

no this is not solved at all.

```
Path: .
URL: svn://rubyforge.org/var/svn/redmine/trunk
Repository Root: svn://rubyforge.org/var/svn/redmine
Repository UUID: e93f8b46-1217-0410-a6f0-8f06a7374b81
Revision: 5246
Node Kind: directory
Schedule: normal
Last Changed Author: jplang
Last Changed Rev: 5246
Last Changed Date: 2011-03-28 23:45:30 +0200 (Mon, 28 Mar 2011)
```

according to the issue you linked it was fixed in [#5094](#) - however it is not. The issue you refer to is about showing the diff as bold not showing the actual diff at the revision information page.

## #9 - 2011-03-29 13:22 - Toshi MARUYAMA

- Resolution deleted (Duplicate)

## #10 - 2011-03-29 13:29 - Toshi MARUYAMA

- Subject changed from Show diff inline with revision to Show diff in revision page

## #11 - 2011-05-16 10:25 - Christian Jennewein

+1 from me too.

This is the very last feature that makes us keep TRAC parallel to Redmine. Would be great to have the changeset overview in Redmine too.

## #12 - 2012-06-20 16:17 - Philipp Meister

I made a solution which works good for me, maybe someone is interrested.

- /app/controller/repositories\_controller.rb:220 add the following lines:

```
def revision
+   @diff_type = 'inline'
+   @cache_key = "repositories/diff/#{@repository.id}/" +
+               Digest::MD5.hexdigest("#{@path}-#{@rev}-#{@rev_to}-#{@diff_type}-#{@current_language}")
+   @diff = @repository.diff(@path, @rev, @rev_to)
```

- /app/views/repositories/revision.html.erb:92 add the following lines:

```
<div class="changeset-changes">
<%= render_changeset_changes %>
</div>

+<h3>Changes</h3>
+<% cache(@cache_key) do -%>
+<%= render :partial => 'common/diff', :locals => {:diff => @diff, :diff_type => @diff_type} %>
+<% end -%>

<% end %>
```

### #13 - 2012-08-29 22:54 - yac yac

+1

### #14 - 2012-08-30 11:42 - cam lafit

Hi

Thanks for your diff.  
Work nicely.

Is it possible to create it as a plugin ? Should be better to maintain redmine (and update step)

Thanks

### #15 - 2013-08-19 23:56 - Sylvain UTARD

+1