

## Redmine - Defect #7984

### Confusing revisions links on repository root

2011-03-24 16:12 - Etienne Massip

<b>Status:</b>	New	<b>Start date:</b>	2011-03-24
<b>Priority:</b>	Normal	<b>Due date:</b>	
<b>Assignee:</b>	Toshi MARUYAMA	<b>% Done:</b>	0%
<b>Category:</b>	SCM	<b>Estimated time:</b>	0.00 hour
<b>Target version:</b>		<b>Affected version:</b>	
<b>Resolution:</b>			
<b>Description</b>			
<p>Actually, there's something weird on devel since of r5145 :</p> <p>there is now 2 links displayed side by side on the root page of a repository ; the first one to list all repository revisions and the second one to display directory revisions, which seems to be redundant since, err...this is the root, and is very confusing .</p> <p>I think that the previous check <code>@path.blank?</code> in <code>source:trunk/app/views/repositories/show.rhtml#L23</code> should have been kept :</p> <pre>&lt;% if @repository.supports_all_revisions? %&gt;</pre> <p>should be</p> <pre>&lt;% if @path.blank? &amp;&amp; @repository.supports_all_revisions? %&gt;</pre>			
<b>Related issues:</b>			
Related to Redmine - Feature # 7246: Handle "named branch" for mercurial		<b>Closed</b>	<b>2011-01-07</b>
Related to Redmine - Feature # 5083: Add the ability to view a range of revis...		<b>New</b>	<b>2010-03-15</b>
Related to Redmine - Feature # 5386: Branch/Tags in Changeset Description		<b>New</b>	<b>2010-04-27</b>
Related to Redmine - Feature # 2120: Different views between develop and func...		<b>New</b>	<b>2008-10-31</b>
Related to Redmine - Feature # 3909: Mercurial: show repository graphic history		<b>Closed</b>	<b>2009-09-23</b>
Related to Redmine - Feature # 5501: Git: Mercurial: Adding visual merge/bran...		<b>Closed</b>	<b>2010-05-11</b>
Related to Redmine - Feature # 539: Repository browser per Project Version.		<b>New</b>	
Related to Redmine - Patch # 6159: Subversion: latest changesets performance ...		<b>New</b>	<b>2010-08-17</b>
Related to Redmine - Feature # 5279: Branch level associations between projec...		<b>New</b>	<b>2010-04-09</b>
Related to Redmine - Feature # 1311: Subversion: Show revision histories for ...		<b>New</b>	<b>2008-05-27</b>
Related to Redmine - Patch # 3357: Revision log relative to current location ...		<b>New</b>	<b>2009-05-13</b>
Related to Redmine - Defect # 3943: Subversion: Directory revision list conta...		<b>New</b>	<b>2009-09-29</b>
Related to Redmine - Feature # 6982: Change in behavior of Repository auto-fe...		<b>New</b>	<b>2010-11-25</b>
Related to Redmine - Feature # 1406: Browse through Git branches		<b>Closed</b>	<b>2008-06-09</b>
Related to Redmine - Feature # 2799: Support for Bazaar's shared repositories...		<b>New</b>	<b>2009-02-21</b>
Related to Redmine - Feature # 4741: Improve Bazaar repositories error messag...		<b>New</b>	<b>2009-02-21</b>
Related to Redmine - Defect # 8030: Bazaar integration doesn't notice new com...		<b>New</b>	<b>2011-03-31</b>

#### Associated revisions

##### Revision 5213 - 2011-03-24 18:58 - Jean-Philippe Lang

Do not display both 'View all revisions' and 'View revision' links (#7984).

##### Revision 5218 - 2011-03-25 00:42 - Toshi MARUYAMA

scm: backout r5213. do not display both 'View all revisions' and 'View revision' links (#7984, #7246).

Git and Mercurial support **branch**.

Git in repository root shows **master branch**.

Git master branch does not have all revisions.

Mercurial default branch is **default branch**.

Mercurial shows **tip** in repository root.

Mercurial does not treat directory. "hg log DIR" costs high.

Getting correct limited changesets in sub directory and branch is very heavy.

So, if there is no recent revision in sub directory and branch,

no changeset shows.

#### **Revision 5219 - 2011-03-25 00:43 - Toshi MARUYAMA**

scm: do not display 'View revision' links in subversion if path or revision are nil (#7984).

#### **Revision 5222 - 2011-03-26 03:39 - Toshi MARUYAMA**

scm: add rev param to "View revisions" (#7984).

There are two paths to show specific revision.

- <http://www.redmine.org/projects/redmine/repository/revisions/5219/show>
- <http://www.redmine.org/projects/redmine/repository/show?rev=5219>

First link is <http://www.redmine.org/projects/redmine/repository/revisions/5219/changes> .

But, Second link is <http://www.redmine.org/projects/redmine/repository/changes> .

#### **Revision 5223 - 2011-03-26 03:40 - Toshi MARUYAMA**

scm: remove "View all revisions" in sub directory (#7984).

#### **Revision 5478 - 2011-04-17 08:28 - Toshi MARUYAMA**

scm: darcs: set supports\_directory\_revisions true at model (#7984).

Darcs adapter saves directory changes in database.

So, Redmine 1.1 shows latest changesets in sub directory.

## **History**

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### **#1 - 2011-03-24 18:32 - Jean-Philippe Lang**

- *Priority changed from Normal to High*

Very confusing indeed.

### **#2 - 2011-03-24 18:59 - Jean-Philippe Lang**

I've changed the behaviour in r5213 to display one link only.

Toshi, is there any wrong with it?

### #3 - 2011-03-25 08:53 - Toshi MARUYAMA

- File *svn-root.png* added

- File *svn-trunk.png* added

- File *svn-root-r5218.png* added

## Subversion

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svn-root.png

svn-trunk.png

svn-root-r5218.png

### #4 - 2011-03-25 08:59 - Etienne Massip

Having both links side by side is confusing because they're semantically very close.

Dumb question : what's the distinction between "all revisions" and "revisions" ?

### #5 - 2011-03-25 09:06 - Toshi MARUYAMA

## Mercurial

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hg-root-tip.png

hg-root-default.png

hg-revisions-root-default.png

### #6 - 2011-03-25 09:07 - Toshi MARUYAMA

- File *hg-revisions-root-default.png* added

- File *hg-root-default.png* added

- File *hg-root-tip.png* added

### #7 - 2011-03-25 09:14 - Toshi MARUYAMA

## Git

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git-root.png

### #8 - 2011-03-25 09:14 - Toshi MARUYAMA

- File *git-root.png* added

### #9 - 2011-03-25 09:16 - Toshi MARUYAMA

Etienne Massip wrote:

*Having both links side by side is confusing because they're semantically very close.*

| Dumb question : what's the distinction between "all revisions" and "revisions" ?

"all revisions" shows all revisions stored in database.

"revisions" shows revisions in **branch**.

Subversion branch is **directory**.

So, Subversion root directory has all revisions.

But, Git and Mercurial does not have all revisions in branch.

**#10 - 2011-03-25 09:33 - Toshi MARUYAMA**

TortoiseHg.2.0.2-show-all.png

TortoiseHg.2.0.2-default-only.png

gitk--all.png

**#11 - 2011-03-25 09:33 - Toshi MARUYAMA**

- File TortoiseHg.2.0.2-default-only.png added

- File TortoiseHg.2.0.2-show-all.png added

- File gitk--all.png added

**#12 - 2011-03-25 09:40 - Etienne Massip**

Still don't buy it ; IMM, the "all revisions" should not be visible inside a branch or revision, this doesn't make sense to me.

Btw, SVN supports branches and tags too, would be nice to have a tag combo for it too =)

**#13 - 2011-03-25 09:42 - Toshi MARUYAMA**

- File ruby-redmine-1.1-top.png added

- File ruby-redmine-1.1-bottom.png added

Ruby uses Redmine 1.1.

There is no way to show revisions in branch.

<http://redmine.ruby-lang.org/projects/redmine/repository/show?rev=ruby-lang.org%2F1.1>

ruby-redmine-1.1-top.png

ruby-redmine-1.1-bottom.png

**#14 - 2011-03-25 09:50 - Etienne Massip**

Toshi MARUYAMA wrote:

| Ruby uses Redmine 1.1.

IMHO, 1.1 link is not smart either : "View all revisions" is a shortcut to "View all applicable revisions and not only the first ones as listed above", so it should keep on displaying only revisions in the selected branch.

| *There is no way to show revisions in branch.*

What do you mean ?

#### #15 - 2011-03-25 09:53 - Etienne Massip

Etienne Massip wrote:

| *IMHO, 1.1 link is not smart either : "View all revisions" is a shortcut to "View all applicable revisions and not only the first ones as listed above", so it should keep on displaying only revisions in the selected branch.*

Which is kinda the same as "View revisions", you'll tell me. That's maybe why the 2 links should not be displayed together.

#### #16 - 2011-03-25 10:27 - Toshi MARUYAMA

Etienne Massip wrote:

| *Toshi MARUYAMA wrote:*

| *Ruby uses Redmine 1.1.*

| *IMHO, 1.1 link is not smart either : "View all revisions" is a shortcut to "View all applicable revisions and not only the first ones as listed above", so it should keep on displaying only revisions in the selected branch.*

| *There is no way to show revisions in branch.*

| *What do you mean ?*

View all revisions

<http://redmine.ruby-lang.org/projects/redmine/repository/revisions>

View revisions

<http://redmine.ruby-lang.org/projects/redmine/repository/changes>

Redmine 1.1 has no link "View revisions" in root directory.

So, there is no way to view revisions in root directory and master branch.

#### #17 - 2011-03-25 12:51 - Etienne Massip

Actually, if a branch is selected, then the only link displayed should be "View revisions" so you'll get all revisions for the branch / directory pair. The only case the "View all revisions" would be used is with the pair "all branches /root", whichever SCM

And, btw, can't we use only one link and merge RepositoryController#changes and RepositoryController#revisions ?

Etienne Massip wrote:

Actually, if a branch is selected, then the only link displayed should be "View revisions" so you'll get all revisions for the branch / directory pair. The only case the "View all revisions" would be used is with the pair "all branches /root", whichever SCM

I agree. We should never display both 'View all revisions' and 'View revisions'.

For example with subversion, we should not display the 'View all revisions' when inside a directory. It doesn't really makes sense and makes the 2 links quite confusing.

Proposed patch:

```
Index: app/views/repositories/show.rhtml
=====
--- app/views/repositories/show.rhtml (revision 5219)
+++ app/views/repositories/show.rhtml (working copy)
@@ -20,19 +20,17 @@
         :revisions => @changesets, :entry => nil }%>
<% end %>
<p>
<-% if @repository.supports_all_revisions? %>
<%= link_to I(:label_view_all_revisions), :action => 'revisions', :id => @project %>
<-% end %>
<%
  has_branches = (!@repository.branches.nil? && @repository.branches.length > 0)
  if @repository.supports_directory_revisions? &&
    ( has_branches || !@path.blank? || !@rev.blank? )
%>
-|
<%= link_to I(:label_view_revisions),
      :action => 'changes',
      :path => to_path_param(@path), :id => @project %>
<-% end %>
+<-% elsif @repository.supports_all_revisions? %>
+<%= link_to I(:label_view_all_revisions), :action => 'revisions', :id => @project %>
+<-% end %>
</p>

<% if true # @path.blank? %>
```

And, btw, can't we use only one link and merge RepositoryController#changes and RepositoryController#revisions ?

They're not exactly the same, #changes retrieves the commits from the scm, #revisions from the database which is way faster. #revisions can be used to display all revisions but not so usefull to get a file/directory history.

Jean-Philippe Lang wrote:

*They're not exactly the same, #changes retrives the commits from the scm, #revisions from the database which is way faster. #revisions can be used to display all revisions but not so usefull to get a file/directory history.*

Thought the fetch from the SCM was done when displaying the page ?

#### **#20 - 2011-05-01 11:29 - Toshi MARUYAMA**

- File svn-root-with-rev.r5609.png added
- File hg-app-1.1-stable.r5609.png added
- File hg-root-1.1-stable-bottom.r5609.png added
- File hg-root-bottom.r5609.png added
- File svn-branches.r5609.png added
- File svn-root.r5609.png added

r5609 behaviors.

## **Subversion**

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### **Root**

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svn-root.r5609.png

### **Branches**

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svn-branches.r5609.png

### **Root with revision**

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svn-root-with-rev.r5609.png

## **Mercurial**

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<https://bitbucket.org/redmine/redmine-all>

### **Root**

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hg-root-bottom.r5609.png

### **Root of 1.1-stable branch**

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hg-root-1.1-stable-bottom.r5609.png

### **"app" dirctory of 1.1-stable branch**

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hg-app-1.1-stable.r5609.png

#### **#21 - 2011-05-01 11:32 - Toshi MARUYAMA**

Etienne Massip wrote:

*Jean-Philippe Lang wrote:*

*They're not exactly the same, #changes retrives the commits from the scm, #revisions from the database which is way faster. #revisions can be used to display all revisions but not so usefull to get a file/directory history.*

*Thought the fetch from the SCM was done when displaying the page ?*

To get tag history, Redmine calls "svn log <http://redmine.rubyforge.org/svn/tags/1.1.3>".

- <http://www.redmine.org/projects/redmine/repository/show/tags/1.1.3>
- <http://www.redmine.org/projects/redmine/repository/changes/tags/1.1.3>

**#22 - 2011-05-01 14:33 - Etienne Massip**

I think there is still some confusion around the way revisions are handled, but maybe no more than in 1.1.

Also, adding support for SVN/CVS branches and tags would gives the repository tab screens a common behavior with other SCMs, I can open an issue if this makes sense to you ?

**#23 - 2011-05-01 16:36 - Toshi MARUYAMA**

Etienne Massip wrote:

| *Also, adding support for SVN/CVS branches and tags would gives the repository tab screens a common behavior with other SCMs,*

Redmine Subversion repository layout is standard "trunk", "branches" and "tags".

But, if Subversion repository layout is not standard layout, user need to specify branches and tags path.

| *I can open an issue if this makes sense to you ?*

I added related issues.

**#24 - 2011-05-01 16:45 - Toshi MARUYAMA**

| *But, if Subversion repository layout is not standard layout, user need to specify branches and tags path.*

Redmine Mercurial mirror uses [HgSubversion](#).

Hgsubversion detects source:sandbox/rails-2.2 and source:sandbox/rails-2.3 are branches.

```
$ hg branches
default          5597:ae4eb29fea6b
1.1-stable       5582:53eba1bc3a40
1.0-stable       4955:d10103f89c1a
0.9-stable       3853:72aedf7ef5fb
0.8-stable       3304:3c08d4d012e0
../sandbox/rails-2.3 2618:d79f3571761c
../sandbox/rails-2.2 2479:12f541caa4ed
0.7-stable       2194:fe4e88bbd556
0.6-stable       1242:04c936a7eed4
```

If Redmine shows "rails-2.2" and "rails-2.3" as brances, user need to specify source:branches and source:sandbox are branches directories.



**Files**

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svn-root.png	121 KB	2011-03-25	Toshi MARUYAMA
svn-trunk.png	177 KB	2011-03-25	Toshi MARUYAMA
svn-root-r5218.png	124 KB	2011-03-25	Toshi MARUYAMA
hg-revisions-root-default.png	119 KB	2011-03-25	Toshi MARUYAMA
hg-root-default.png	191 KB	2011-03-25	Toshi MARUYAMA
hg-root-tip.png	197 KB	2011-03-25	Toshi MARUYAMA
git-root.png	133 KB	2011-03-25	Toshi MARUYAMA
TortoiseHg.2.0.2-default-only.png	123 KB	2011-03-25	Toshi MARUYAMA
TortoiseHg.2.0.2-show-all.png	122 KB	2011-03-25	Toshi MARUYAMA
gitk--all.png	128 KB	2011-03-25	Toshi MARUYAMA
ruby-redmine-1.1-top.png	142 KB	2011-03-25	Toshi MARUYAMA
ruby-redmine-1.1-bottom.png	88.2 KB	2011-03-25	Toshi MARUYAMA
svn-root-with-rev.r5609.png	131 KB	2011-05-01	Toshi MARUYAMA
hg-app-1.1-stable.r5609.png	103 KB	2011-05-01	Toshi MARUYAMA
hg-root-1.1-stable-bottom.r5609.png	129 KB	2011-05-01	Toshi MARUYAMA
hg-root-bottom.r5609.png	101 KB	2011-05-01	Toshi MARUYAMA
svn-branches.r5609.png	112 KB	2011-05-01	Toshi MARUYAMA
svn-root.r5609.png	121 KB	2011-05-01	Toshi MARUYAMA