

## Redmine - Feature #14818

**Diff and Repository Navigation: include navigation when inside diffs (prev difference, next difference), etc.**

2013-09-02 17:27 - Friedrich Schiller

<b>Status:</b> New	<b>Start date:</b>
<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>	
<b>Description</b> In diffs (and other places): include better navigation.  The benefit: one does not always have to move back to <a href="#">this page</a>  <b>Example:</b>  nav.PNG  <b>The arrows should be links! Explanation:</b>  nav_expl.PNG  It should also be easier to go to diffs from pages like <a href="#">this</a> .	
<b>Related issues:</b>	
Related to Redmine - Feature #14816: Diff: in repository/diff - Include Links...	<b>New</b>
Related to Redmine - Feature #14820: Repository: Show which rev introduced ch...	<b>New</b>

### History

#### #1 - 2013-09-02 17:28 - Friedrich Schiller

The image explanation, states in red: move diff-number forward.

This means: move to the next version that introduces an actual difference (don't blindly move to the next number).

#### #2 - 2013-09-02 22:09 - Friedrich Schiller

Here's an example for determining revisions that actually introduce changes:

Consider [Revision 516: 570 trunk/app/controllers/account\\_controller.rb](#)

Here we should display the versions that introduced the actual differences...

Maby like this: Revision **514**(516): **567**(570) trunk/app/controllers/account\_controller.rb

How do we determine **514** and **567**?

When was [trunk/app/controllers/account\\_controller.rb@ 516](#) last changed?

```
svn info http://svn.redmine.org/redmine/trunk/app/controllers/account_controller.rb@516 | grep -e "^Last Changed Rev: " | cut -c19-
```

...this gives us **514**.

When was [trunk/app/controllers/account\\_controller.rb@ 570](#) last changed?

```
svn info http://svn.redmine.org/redmine/trunk/app/controllers/account_controller.rb@570 | grep -e "^Last Changed Rev: " | cut -c19-
```

...this gives us **567**.

Redmine should show which version introduced the changes.

To determine versions prior to **514** (that introduced changes) use:

```
svn log -q http://svn.redmine.org/redmine/trunk/app/controllers/account_controller.rb@514 -l 5 -r 513:1 | grep -E -e "^r[[:digit:]]+" -o | cut -c2-
```

...this gives us **333, 236, 200, 175, 167**  
(Note that -l 5 limits the output to 5 versions)

To determine versions after to **567** (that introduced changes) use:

```
svn log -q http://svn.redmine.org/redmine/trunk/app/controllers/account_controller.rb@567 -l 5 -r 568:HEAD | grep -E -e "^r[[:digit:]]+" -o | cut -c2-
```

...this gives us **600, 601, 622, 674, 760**  
(Note that -l 5 limits the output to 5 versions)

To determine versions between **514** and **567** (that introduced changes) use:

```
svn log -q http://svn.redmine.org/redmine/trunk/app/controllers/account_controller.rb@514 -l 5 -r 515:566 | grep -E -e "^r[[:digit:]]+" -o | cut -c2-
```

...this gives us "" (Empty output: thus there are no versions between 514 and 567 [that introduce changes]).

Thus any navigation should show us the versions that actually introduced changes. If we happen to land on a version that does not introduce changes, the put it in brackets and show that "Last Changed Rev".

### #3 - 2013-09-02 22:13 - Friedrich Schiller

Summary for the above: the changeset from [\\*516\\*: 570](#) is equivalent with the changeset [\\*514\\*: 567](#) (for path trunk/app/controllers/account\_controller.rb)

### #4 - 2013-09-10 05:21 - Toshi MARUYAMA

- Category set to SCM

### #5 - 2013-09-10 05:21 - Toshi MARUYAMA

- Related to Feature #14816: Diff: in repository/diff - Include Links to repository/changes and repository/revisions added

### #6 - 2013-09-17 02:24 - Toshi MARUYAMA

- Related to Feature #14820: Repository: Show which rev introduced changes ("Last Changed Rev") added

## Files

---

nav.PNG	19.6 KB	2013-09-02	Friedrich Schiller
nav_expl.PNG	21.7 KB	2013-09-02	Friedrich Schiller