

## Redmine - Defect #7821

### Git "previous" and "next" revisions are incorrect

2011-03-10 04:36 - Toshi MARUYAMA

<b>Status:</b>	Closed	<b>Start date:</b>	2011-03-10
<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>	1.2.0	<b>Affected version:</b>	0.9.0
<b>Resolution:</b>	Fixed		

#### Description

For example, This is Redmine r1 git revision.

<https://www.chiliproject.org/projects/chiliproject/repository/revisions/d19142e20>

**Previous** revision should be nil, and **next** revision should be r3.

But, **previous** revision is r3.

<https://www.chiliproject.org/projects/chiliproject/repository/revisions/73e0b8f8b3>

redmine-r1.png

The reason is described at [note-6](#) of #5357.

```
$ git log master --reverse
commit d19142e20949d442c20275e467f3d39c33a21f03
Author: Jean-Philippe Lang
Date: Wed Jun 28 17:26:26 2006 +0000
```

Initial setup

git-svn-id: http://redmine.rubyforge.org/svn/trunk@1 e93f8b46-1217-0410-a6f0-8f06a7374b81

```
commit 73e0b8f8b3c9350018a7d8fda143dd9b8aa6f091
Author: Jean-Philippe Lang
Date: Wed Jun 28 18:09:47 2006 +0000
```

Initial import.

git-svn-id: http://redmine.rubyforge.org/svn/trunk@3 e93f8b46-1217-0410-a6f0-8f06a7374b81

```
commit 6b7650e2f03156ea1e3985b30c1995e44c317e3d
Author: Jean-Philippe Lang
Date: Wed Jun 28 18:11:03 2006 +0000
```

Initial commit

git-svn-id: http://redmine.rubyforge.org/svn/trunk@4 e93f8b46-1217-0410-a6f0-8f06a7374b81

.  
.
.

```
$ ( echo 'SELECT id, committed_on, revision FROM changesets ' \  
  echo 'where repository_id = 59 order by id;' ) \  
 | sqlite3 test.db  
274932|2006-12-07 05:16:43|41c2af55cf508ad3c4bb566f0696a4130697763a  
274933|2006-07-10 01:30:01|f37089f54784da4b457ed19d588e137078977089  
274934|2006-07-04 04:38:10|366ca57c36df8e85f903304e0ab0364d4a5ea006  
274935|2006-06-29 04:54:35|b1ede59d02891c0e284e15680abd73301374d3bc  
274936|2006-06-29 03:11:03|6b7650e2f03156ea1e3985b30c1995e44c317e3d  
274937|2006-06-29 03:09:47|73e0b8f8b3c9350018a7d8fda143dd9b8aa6f091  
274938|2006-06-29 02:26:26|d19142e20949d442c20275e467f3d39c33a21f03
```

#### Related issues:

Related to Redmine - Defect # 5357: Git: SCM revisions ordered by date/time (...)	<b>New</b>	<b>2010-04-20</b>
Duplicated by Redmine - Defect # 8346: Git: Previous and Next links are confu...	<b>Closed</b>	<b>2011-05-12</b>

#### Associated revisions

##### Revision 5073 - 2011-03-10 05:30 - Toshi MARUYAMA

scm: git: insert revisions to database with reverse commit order (#7821, #5357).

##### Revision 5074 - 2011-03-10 05:31 - Toshi MARUYAMA

scm: git: add tests for previous and next versions in unit model test (#7821, #5357).

##### Revision 5853 - 2011-05-19 04:16 - Toshi MARUYAMA

scm: git: set revisions ordering inconsistent in existing database (#5357).

Between version 0.9 r2840 (#1406) and version 1.2 r5073 (#7821, #5357),  
git revisions are stored as **C-B-A-F-E-D** in database.

#### History

##### #1 - 2011-03-10 04:42 - Toshi MARUYAMA

- File deleted (*redmine-r1.png*)

##### #2 - 2011-03-10 04:44 - Toshi MARUYAMA

- File *redmine-r1.png* added

##### #3 - 2011-03-10 05:32 - Toshi MARUYAMA

- Status changed from *New* to *Closed*  
- Target version set to *1.2.0*  
- Resolution set to *Fixed*

Fixed in r5073 and r5074.

#### Files

