

Redmine - Defect #22864

Associated revisions mix timestamps of git committer and git author.

2016-05-20 16:44 - Deniz Bahadir

Status: Closed	Start date:
Priority: Normal	Due date:
Assignee:	% Done: 0%
Category: SCM	Estimated time: 0.00 hour
Target version:	Affected version: 3.2.0
Resolution: Duplicate	

Description

Background information:

Git-commits have an **author**, who originally created the commit, and a **committer** who (finally) committed this commit to the Git-repository. Both come with their own timestamps.

- In general, author and committer are the same.
- They can be the same but have different dates associated with them
- But they can even be different.

The problem

The problem is, that if these commits are displayed as *associated revisions* from a Redmine-ticket the **author** will be displayed with **commit-date** instead of the original **author-date**.

Suggested solution.

The best solution would probably be to always display both, author **and** committer with their respective dates.

Related issues:

Is duplicate of Redmine - Defect #11710: Git: Repository view author/date inc... **New**

History

#1 - 2016-05-20 16:48 - Deniz Bahadir

Example (Part 1)

The command `git log --pretty=fuller` displays the Git log with both, author and committer.

```
$ git log --pretty=fuller
```

```
commit 9031f50a6dce130fce991a28940e8c80574b8ff1
Author: Developer1 <developer1 at me dot com>
AuthorDate: Fri May 20 15:18:06 2016 +0200
Commit: Developer1 <developer1 at me dot com>
CommitDate: Fri May 20 15:18:06 2016 +0200
```

Changes, which were just committed a single time by Developer1.

```
commit a46cac0249a0cfb3dc018148e7ce62d55760d565
Author: Developer1 <developer1 at me dot com>
AuthorDate: Fri May 18 12:10:36 2016 +0200
Commit: Developer1 <developer1 at me dot com>
CommitDate: Fri May 20 15:16:06 2016 +0200
```

Changes, which were first committed by Developer1 and afterwards changed and recommitted (using "git commit --amend") by Developer1 and thereby modifying the first commit.

```
commit adeecdelf380ac64a4b1e9828cc114aa08e3a6a1
Author: Developer2 <developer2 at me dot com>
AuthorDate: Mon Apr 25 11:19:42 2016 +0200
```

```
Commit: Developer1 <developer1 at me dot com>
CommitDate: Thu May 16 16:08:37 2016 +0200
```

```
Changes, which were originally (locally) committed and afterwards extracted as patch
(using "git format-patch") by Developer2 and then applied to the current Git repository
(using "git am") by Developer1.
```

In general, author and committer are the same, as displayed for the newest commit (9031f50a).
They can be the same but have different dates associated with them, as displayed in the middle commit (a46cac02).
But they can even be different, as displayed in the oldest commit (adeecde1).

#2 - 2016-05-20 16:49 - Deniz Bahadir

Example (Part 2)

Addressing the commits from "Example (Part 1)" from above, this is no problem for the newest commit (9031f50a), as author and committer are the same as are their associated dates.

```
Revision 9031f50a
Added by Developer1 42 minutes ago
```

```
Changes, which were just committed a single time by Developer1.
```

For the middle commit (a46cac02) this is wrong but could be interpreted as the **committer** and its **commit-date**.

```
Revision a46cac02
Added by Developer1 44 minutes ago
```

```
Changes, which were first committed by Developer1 and afterwards changed and recommitted
(using "git commit --amend") by Developer1 and thereby modifying the first commit.
```

But for the oldest commit (adeecde1) this is totally wrong, as it displays the **author** with the **commit-date**.

```
Revision adeecde1
Added by Developer2 4 days ago
```

```
Changes, which were originally (locally) committed and afterwards extracted as patch
(using "git format-patch") by Developer2 and then applied to the current Git repository
(using "git am") by Developer1.
```

#3 - 2016-05-20 17:54 - Toshi MARUYAMA

- Status changed from New to Closed
- Resolution set to Duplicate

Duplicate of [#11710](#).

#4 - 2016-05-20 17:54 - Toshi MARUYAMA

- Is duplicate of Defect #11710: Git: Repository view author/date inconsistency added