Mercurial, Bazaar and Darcs auto close issue text should be commit id instead of revision number

2010-10-15 14:45 - Toshi MARUYAMA

Status: Closed
Priority: Normal
Assignee:
Category: SCM
Target version: 1.1.0
Resolution: Fixed
Start date: 2010-10-15
Due date:
% Done: 50%
Estimated time: 0.00 hour
Affected version: 1.0.2

Description

Mercurial and Bazaar have revision numbers. Mercurial revision numbers are far too brittle (#3724).

Same Bazaar problem is reported at [http://www.redmine.org/boards/2/topics/17587?r=17591#message-17591](http://www.redmine.org/boards/2/topics/17587?r=17591#message-17591).

Redmine generates pseudo revision number for Darcs at source.tags/1.0.2/app/models/repository/darcs.rb#L73.

If "closes #issue_number" is in commit log, Redmine adds "Applied in changeset rN" at issue journal.

Following two Mercurial repository are full synchronized. And revision 1 and 2 are different for each other.

If we delete the repository from project setting and re-add another repository, "rN" points other revision.

```
$ hg glog
  o changeset: 2:9d5b5b004199
    | tag:  tip
    | parent: 0:0885933ad4f6
    | user: jsmith <jsmith@foo.bar>
    | date: Fri Dec 14 10:24:01 2007 +0100
    | summary: Added 2 files and modified one.
  |
  @ changeset: 1:505aa36abc94
  |
  @ changeset: 1:505aa36abc94
  |
  @ changeset: 1:505aa36abc94
  | user: jsmith <jsmith@foo.bar>
  | date: Fri Dec 14 10:22:52 2007 +0100
  | summary: Initial import.
```

```
$ hg glog
  @ changeset: 2:505aa36abc94
    | branch: branch00
    | tag:  tip
    | parent: 0:0885933ad4f6
    | user: jsmith <jsmith@foo.bar>
    | date: Fri Oct 15 20:09:50 2010 +0900
    | summary: test.
  |
  @ changeset: 2:505aa36abc94
    | branch: branch00
    | tag:  tip
    | parent: 0:0885933ad4f6
    | user: jsmith <jsmith@foo.bar>
    | date: Fri Oct 15 20:09:50 2010 +0900
    | summary: test.
```
I post a patch and a Mercurial image.
This patch master is http://bitbucket.org/yuja/redmine-mq-issue4455/src/d6bc15c54f5d/hg-use-scmid.patch/issue-auto-close.diff.

Related issues:
Related to Redmine - Defect #3724: Mercurial repositories display revision I... Closed 2009-08-10
Related to Redmine - Defect #8030: Bazaar integration doesn't notice new com... New 2011-03-31

Associated revisions
Revision 4490 - 2010-12-11 15:20 - Jean-Philippe Lang

Fixes Changeset#text_tag for numeric scmid (#6681).
Contributed by Toshi MARUYAMA.

Revision 4858 - 2011-02-16 16:43 - Toshi MARUYAMA

scm: in repository tree, use find_changeset_by_name instead of changesets.find_by_revision (#3724, #3421).

Mercurial revision numbers are far too brittle.
Please see #6681 description.

History
#1 - 2010-12-11 15:12 - Jean-Philippe Lang
- Status changed from New to Closed
- Target version set to 1.1.0
- Resolution set to Fixed

Latest patch found in #4155 committed in r4490.
Thanks.

Files
issue-auto-close.diff 1.59 KB 2010-10-15 Toshi MARUYAMA
auto-close-hg.png 55.3 KB 2010-10-15 Toshi MARUYAMA