Redmine - Defect #7518

Mercurial diff can be wrong if the previous changeset isn't the parent

2011-02-02 05:08 - Toshi MARUYAMA

Status:	Closed	**Start date:**	2011-02-02
Priority:	Normal	**Due date:**	
Assignee:	Toshi MARUYAMA	**% Done:**	0%
Category:	SCM	**Estimated time:**	0.00 hour
Target version:	1.2.0		
Resolution:	Fixed	**Affected version:**	

Description

Mercurial is DAG-based DVCS.

Before r4662, Redmine runs "hg diff -r 4661 -r 4662" for http://www.redmine.org/projects/redmine/repository/revisions/4662/diff .
If r4661 is not parent of r4662, diff is wrong.

This is TortoiseHg 1.9 image of Redmine 1.1 Mercurial test repository.

Parent of revision 16 is revision 6.

Graph	Rev	Node	Branch	Age
		00000000000···	default	1 second ago
	16	4cddb4e45f52	default	2000-01-01
	15	933ca60293d7	branch (1)[2]&,%.-3_4	2002-01-01
	14	24ea8892e2ec	branch (1)[2]&,%.-3_4	2002-01-01
	13	3a330eb32958	test-branch-00	1989-01-01
	12	a072136d74b0	test-branch-00	1990-03-01
	11	260ed5053c3a	test-branch-00	1990-02-01
	10	b7d10029dbb8	test-branch-00	1990-01-01
	9	8293528dea5c	test-branch-00	2001-04-01
	8	c51f5bb613cd	test-branch-00	2001-02-01
	7	3c3b3c8cba58	test-branch-00	2000-01-01
	6	7fab6ce80d87	default	1970-01-01

Related issues:

Related to Redmine - Defect #3724: Mercurial repositories display revision ID...	**Closed**	**2009-08-10**
Related to Redmine - Defect #7253: Test failures in MercurialAdapterTest	**Closed**	**2011-01-09**
Related to Redmine - Defect #8741: Git: diff is always empty in merged revsion	**Closed**	**2011-07-03**

Associated revisions

Revision 4792 - 2011-02-02 11:01 - Toshi MARUYAMA

scm: mercurial: add unit lib test for the previous changeset isn't the parent (#7253, #7518).

Revision 4853 - 2011-02-16 12:17 - Toshi MARUYAMA

scm: mercurial: add instance value flag of whether "hg diff -c" supports at tests (#7518).

Revision 4854 - 2011-02-16 12:17 - Toshi MARUYAMA

scm: mercurial: rewrite MercurialAdapter#diff by using helper extension (#4455, #7518).

fix incompatibility of diff with Mercurial < 1.1.

Contributed by Yuya Nishihara.

Revision 4855 - 2011-02-16 12:18 - Toshi MARUYAMA

scm: mercurial: set instance value flag of whether "hg diff -c" supports true at tests (#7518).

Revision 4859 - 2011-02-16 17:06 - Toshi MARUYAMA

scm: mercurial: fix Ruby 1.9 "hg diff" test fails (#7518).

History

#1 - 2011-02-07 05:07 - Toshi MARUYAMA

- Target version deleted (1.2.0)

#2 - 2011-02-18 03:29 - Toshi MARUYAMA

- Status changed from New to Closed

- Target version set to 1.2.0

- Resolution set to Fixed

Fixed by r4662 and r4854.

Mercurial can have two parents.
Diff for each parent is difficult in current Redmine interface.

Files

thg-graph.png	24.9 KB	2011-02-02	Toshi MARUYAMA