Element Model: COMMIT

WC

Repo

Branch "1"

eid	base rev	base content	work content	changes	to commit		

						base rev	new content
1	r_1	x_1	x_1				
2	r_2	x_2	y_2	y			
...	$r...$	$x...$	$y...$	y	3.	r	y
	r	x	x				
	r	x	$\emptyset$	5.	r	$\emptyset$
			y	y	6.	$\emptyset$	y
	r	x	x				

diff

user-selected subset of WC

EID translation info (for added elements)

History of branch*

$\emptyset$	r_{10}	r_{20}	...	r_{HEAD} †	commit changes
x	x	x	x		
(x)	x	x	(x)	(z)
x	x	x	x		
x	x	(x)	(x)	(z)
(○)	x	x	(x)	(z)
x	x	x	x		

base rev: r, r, $\emptyset$

new content: y, $\emptyset$, y

merge (rebase)

* History of specified branch ("1") traced back from HEAD at time of starting this commit txn.

† New HEAD revision at time of finalizing the commit.