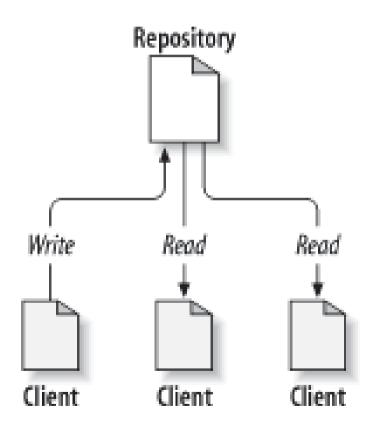
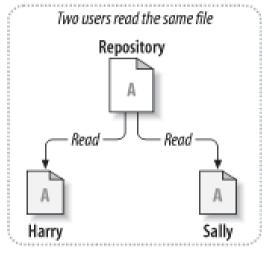


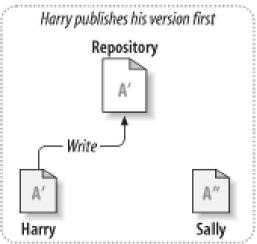
### Client/Server Version Control System

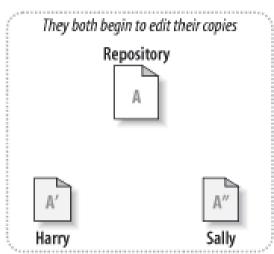


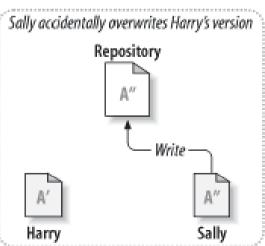


#### VCS: The Problem to Avoid



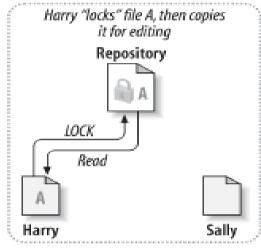


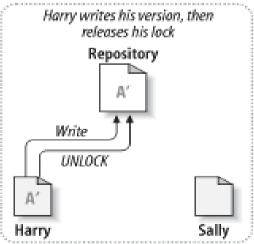


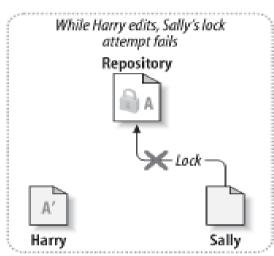


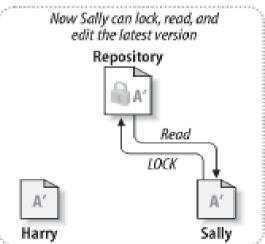


## VCS: Lock-Modify-Unlock Solution



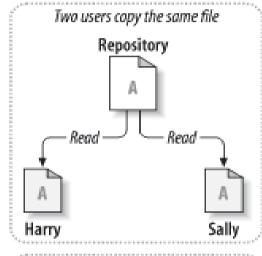


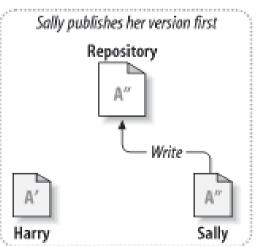


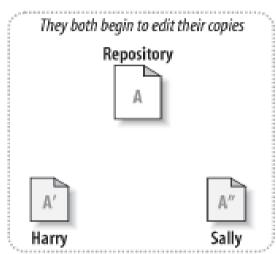


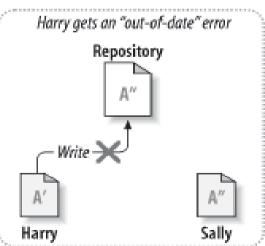


## VCS: Copy-Modify-Merge Solution (1)



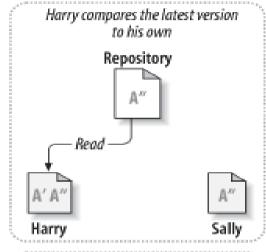


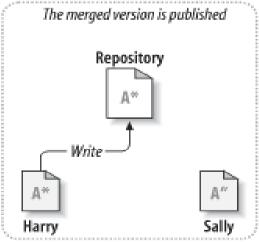


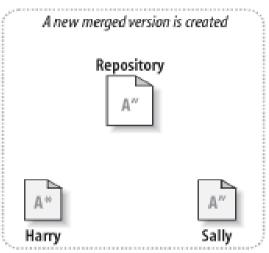


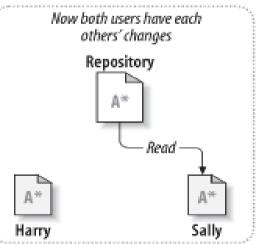


## VCS: Copy-Modify-Merge Solution (2)

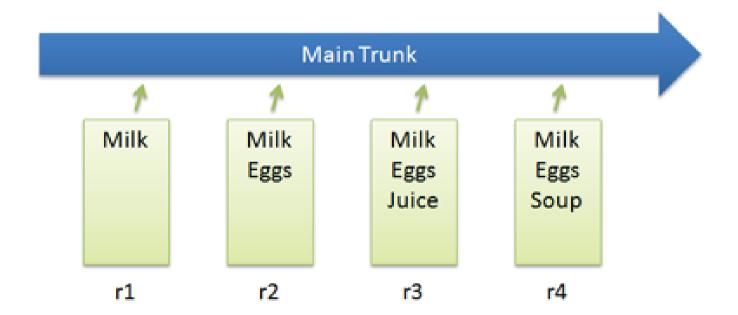




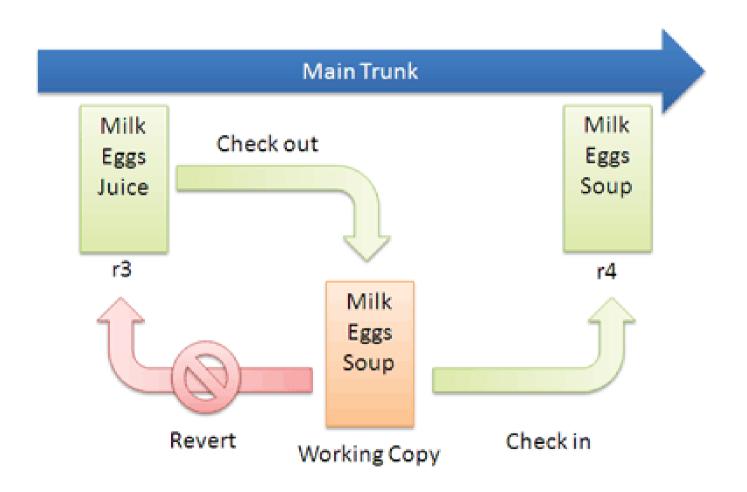




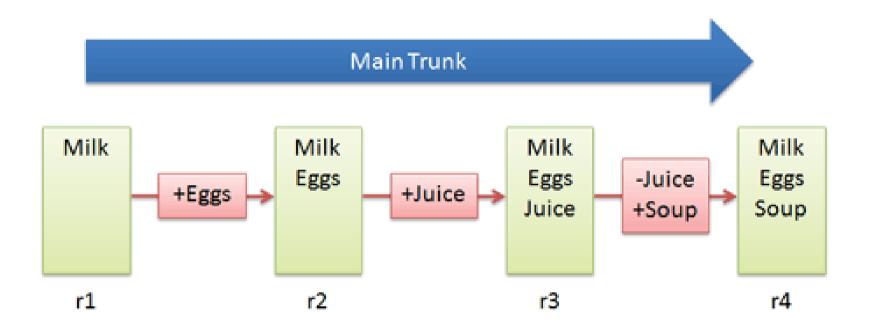
#### **Basic Checkins**



#### Checkout and Edit



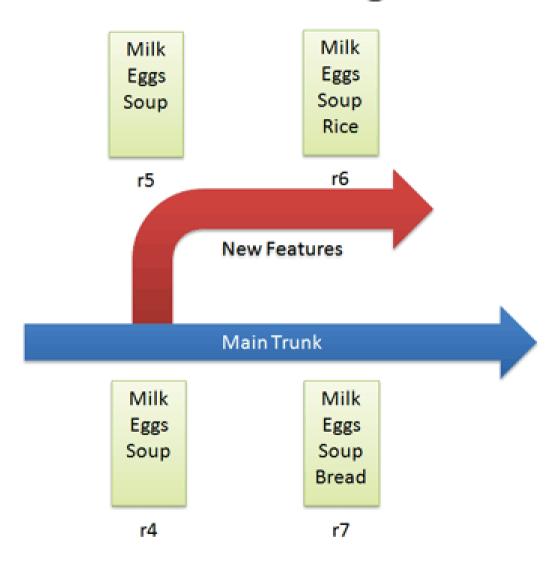
#### **Basic Diffs**



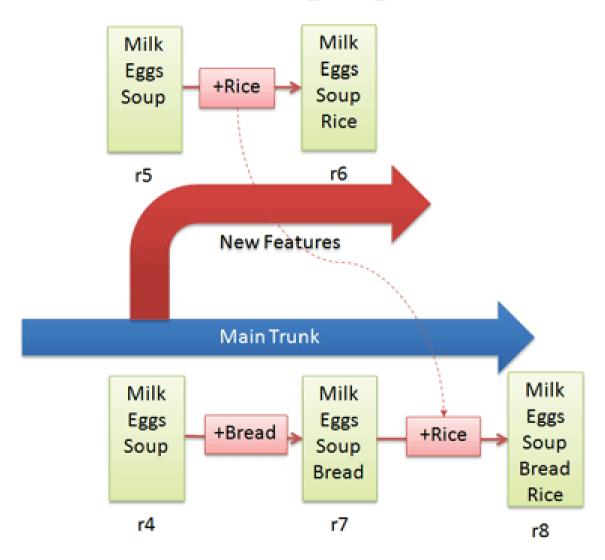
Most VCS store diffs rather than full copies of the file.

What's the diff from r1 to r4?

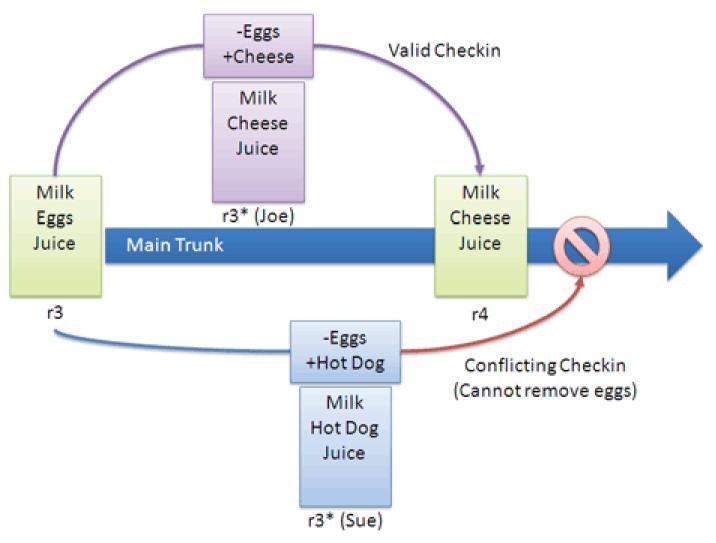
### Branching



### Merging



#### Conflicts



# **Tagging**

