

Better Living Through Version Control

NCDevCon 2012

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@cfGothChic



Who Am I?

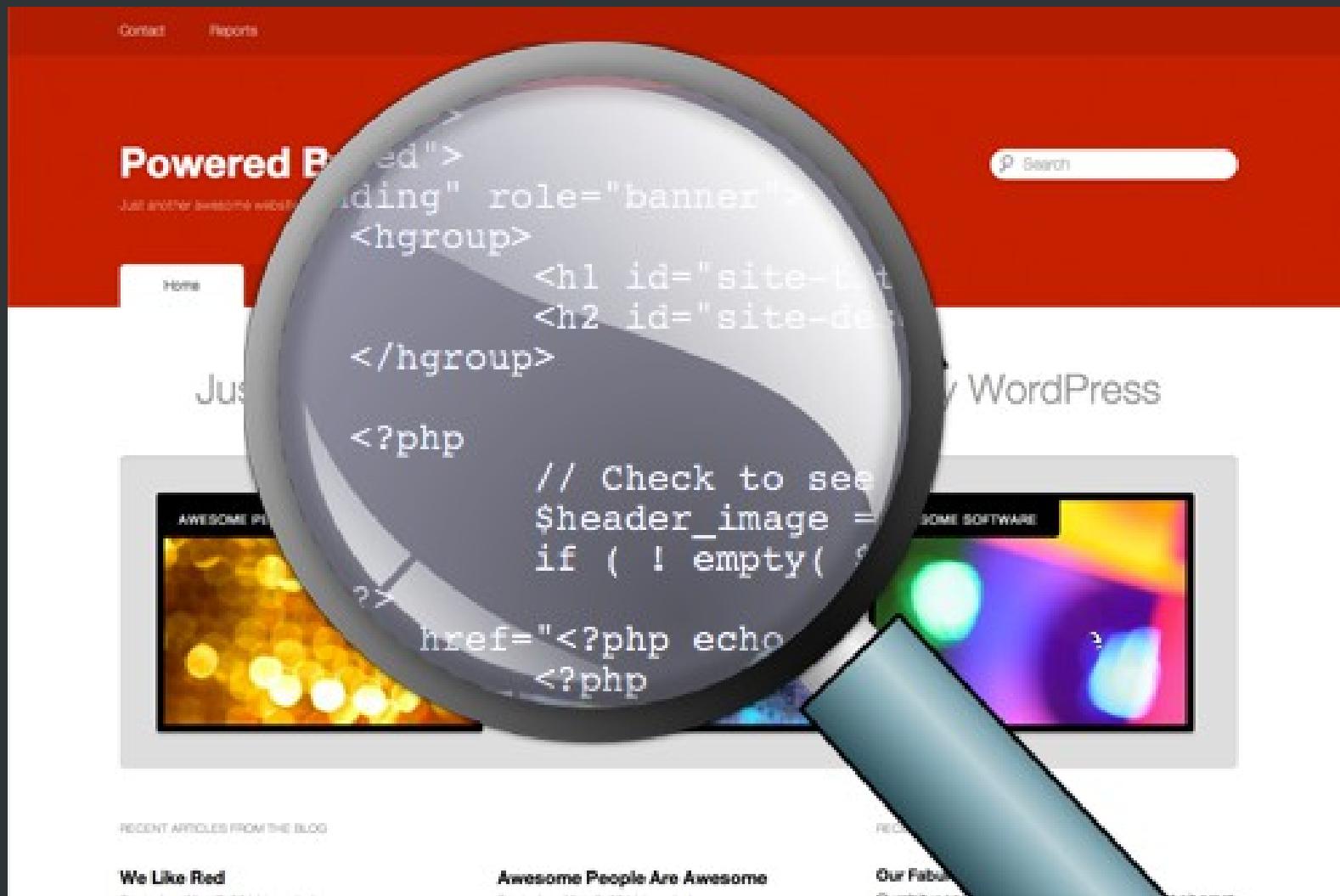
- 15+ years ColdFusion
- 12 yrs as an independent contractor
- Currently working for the Free Library of Philadelphia
- CodeBass Radio



Why?



Improve Your Development



Tracking Changes



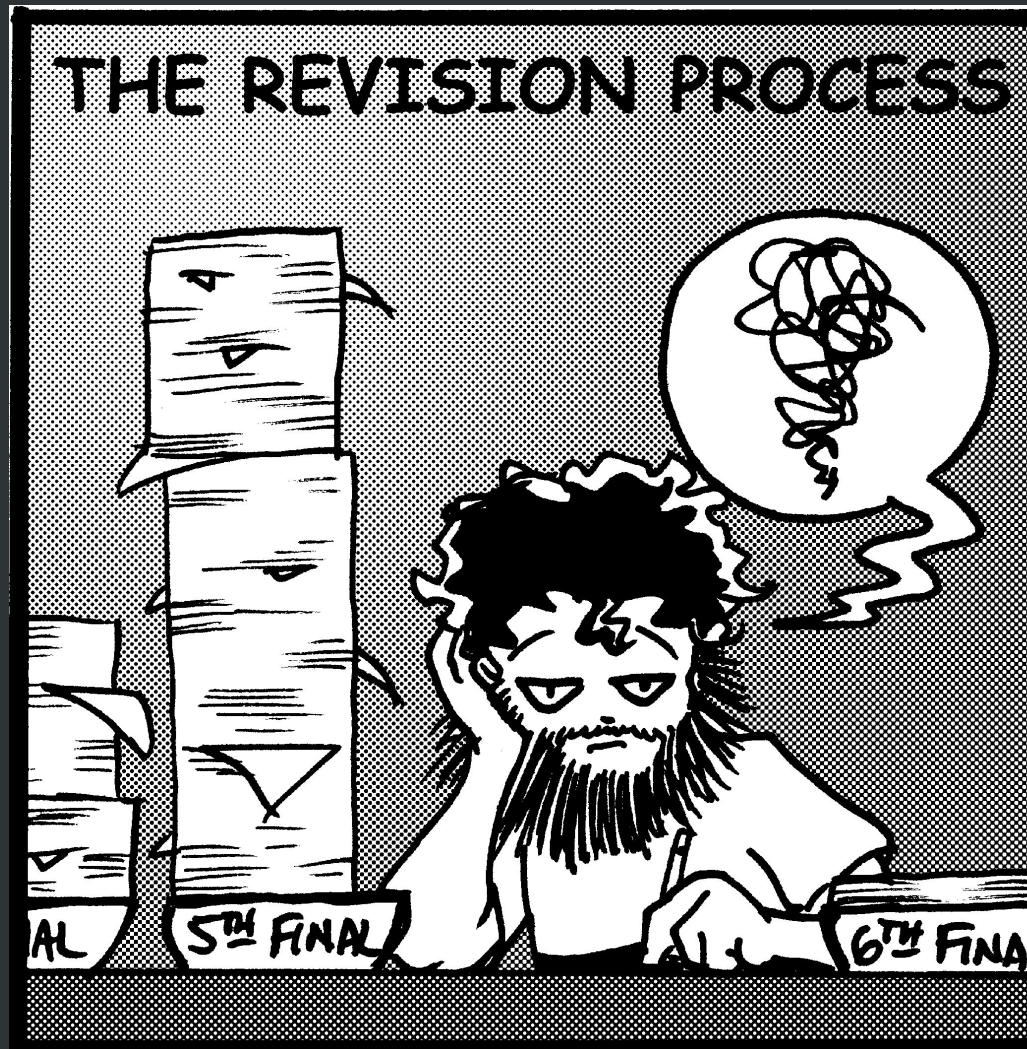
Committing



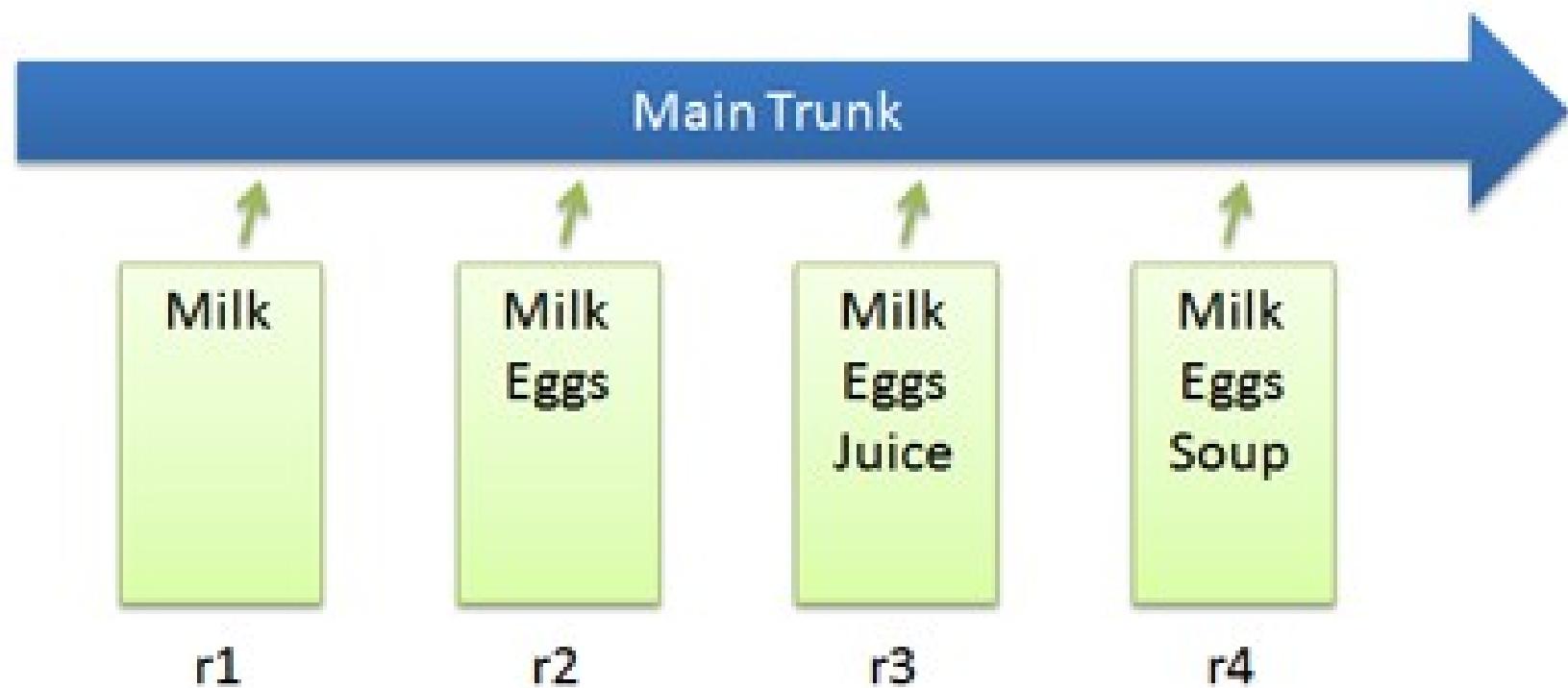
IT MUST BE A GUY THING, IT DOES
TRANSACTION BUT WON'T COMMIT



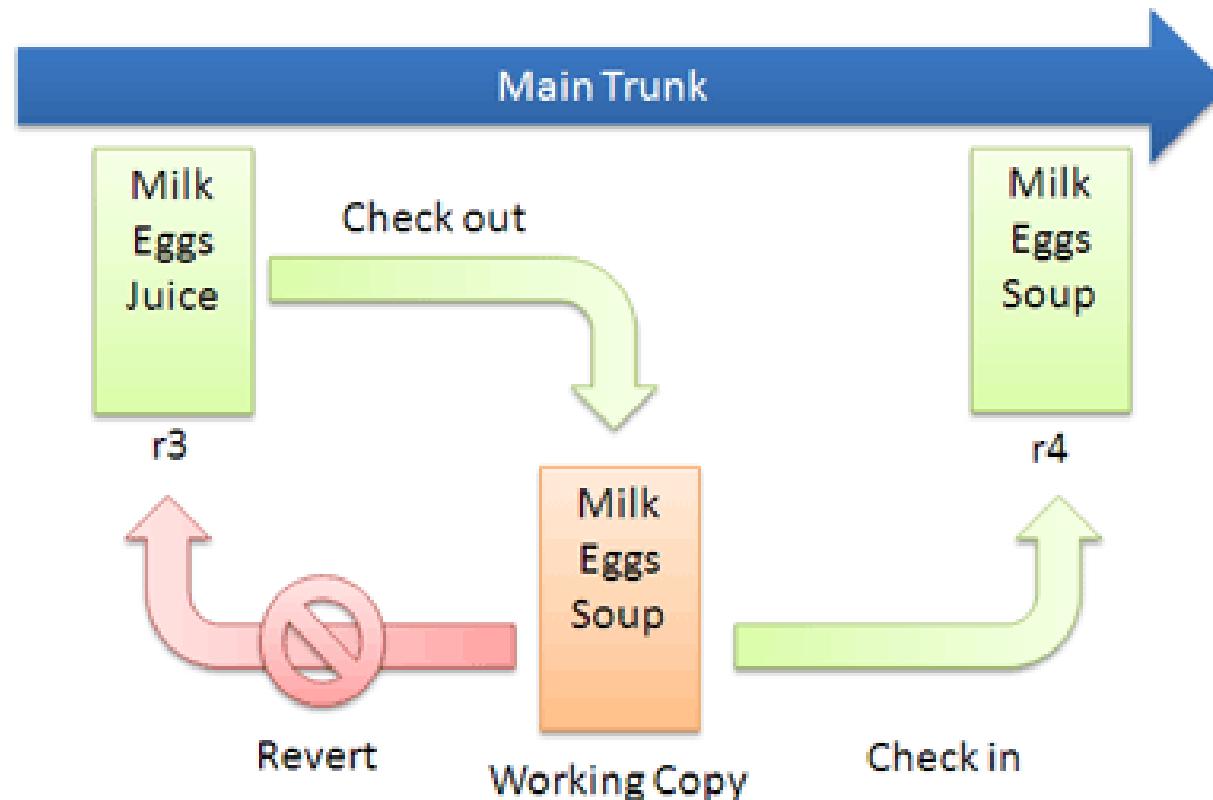
Revisions & Changes



Basic Checkins

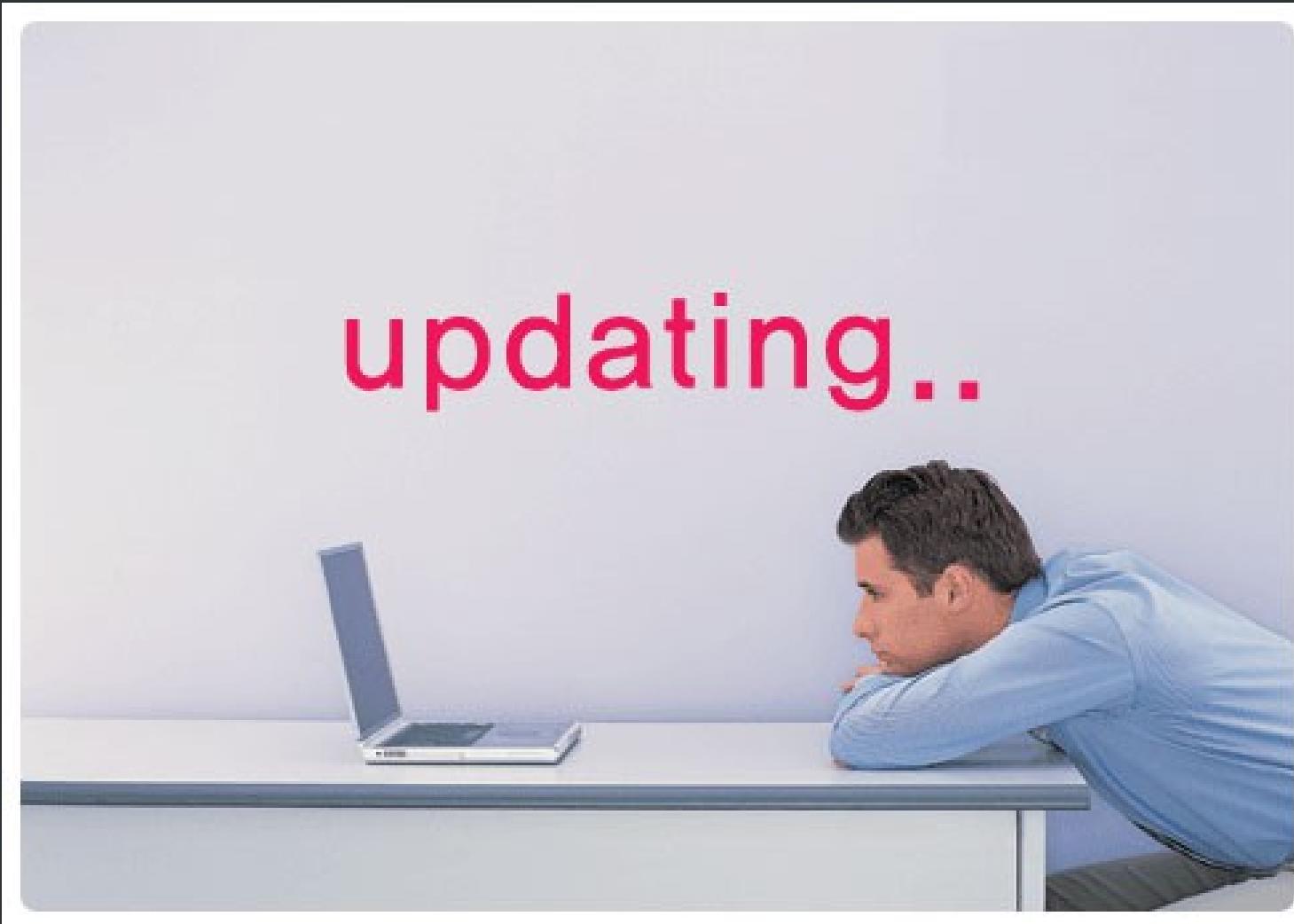


Checkout and Edit



Updating

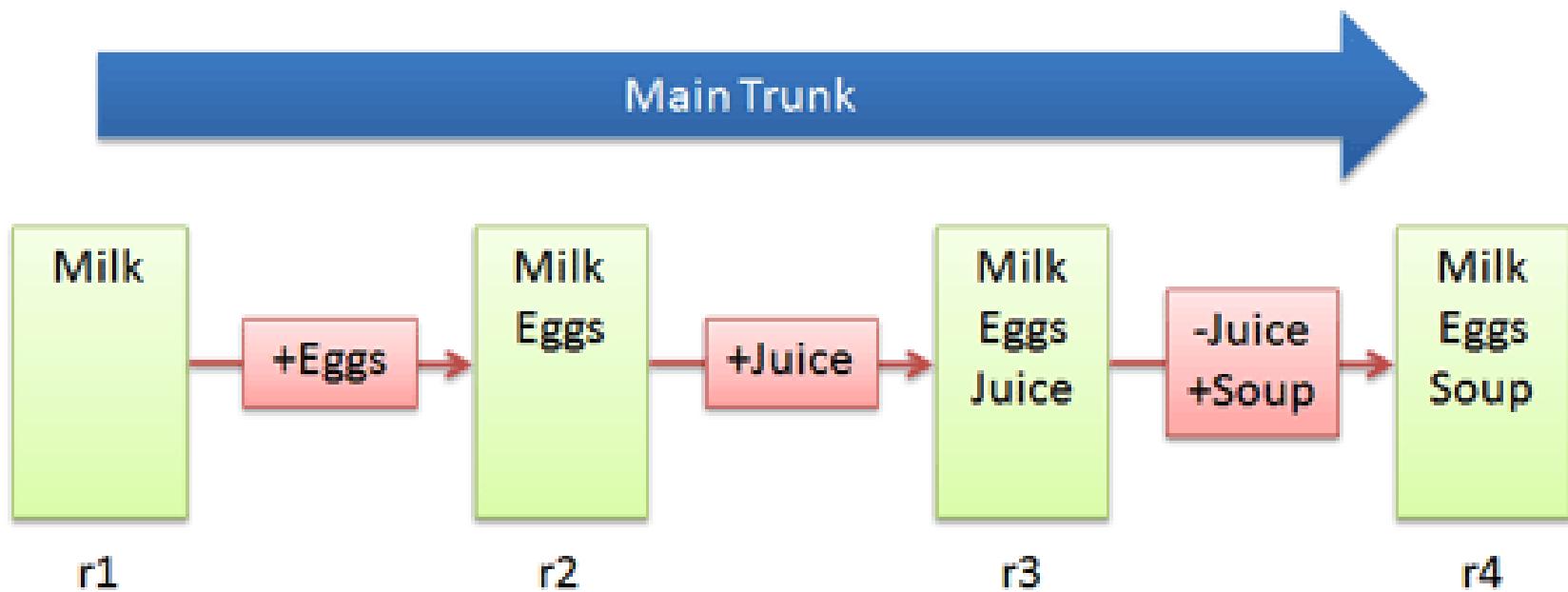
updating...



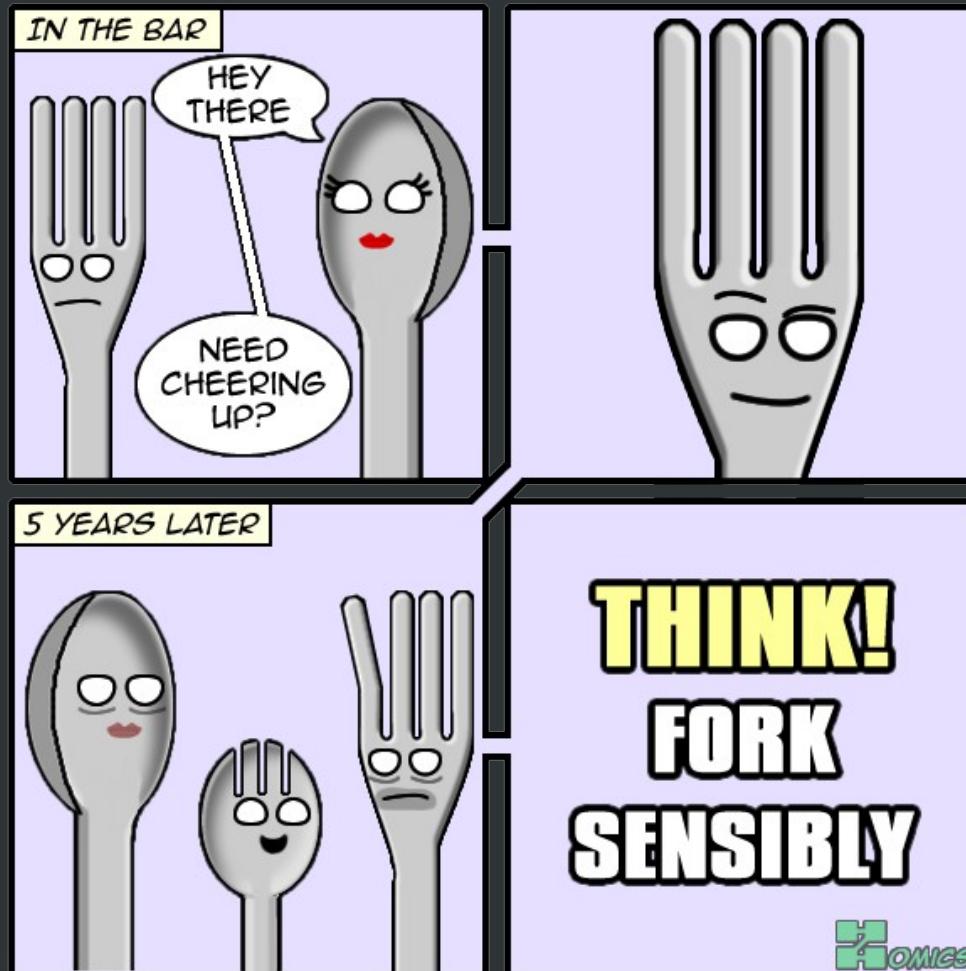
Comparing Differences



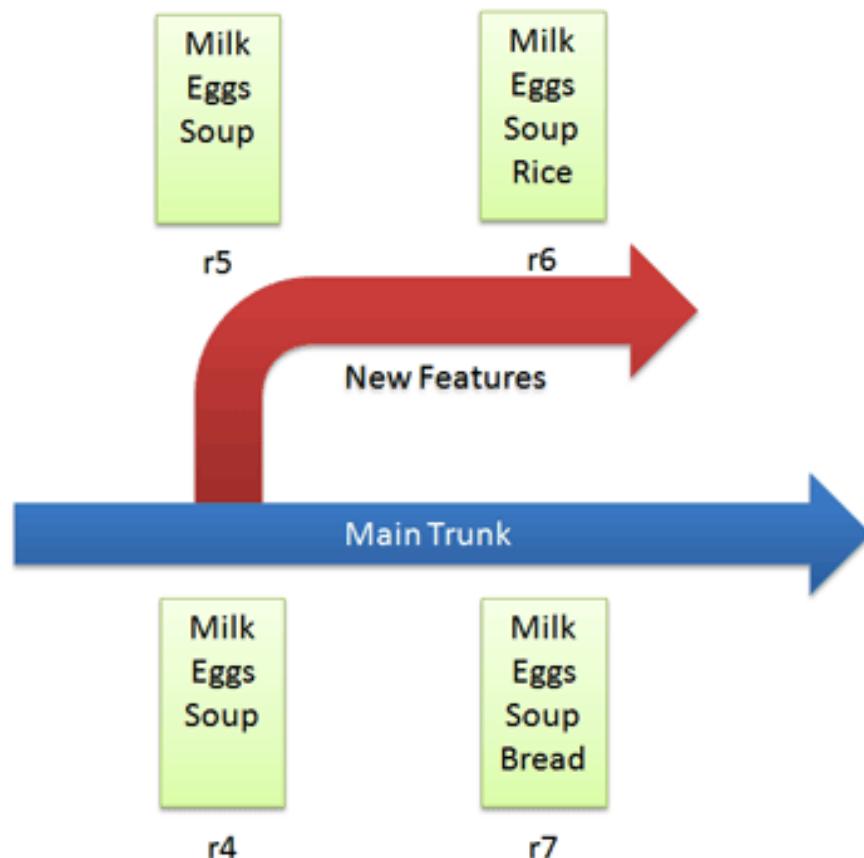
Basic Diffs



Branching & Forking



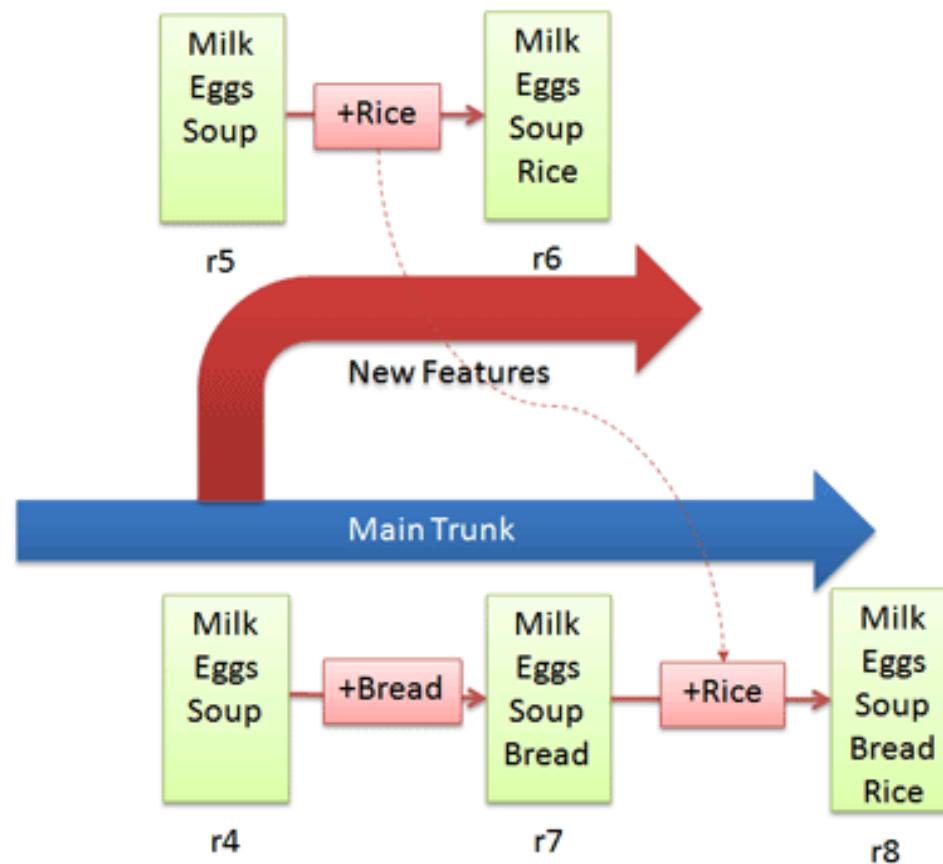
Branching



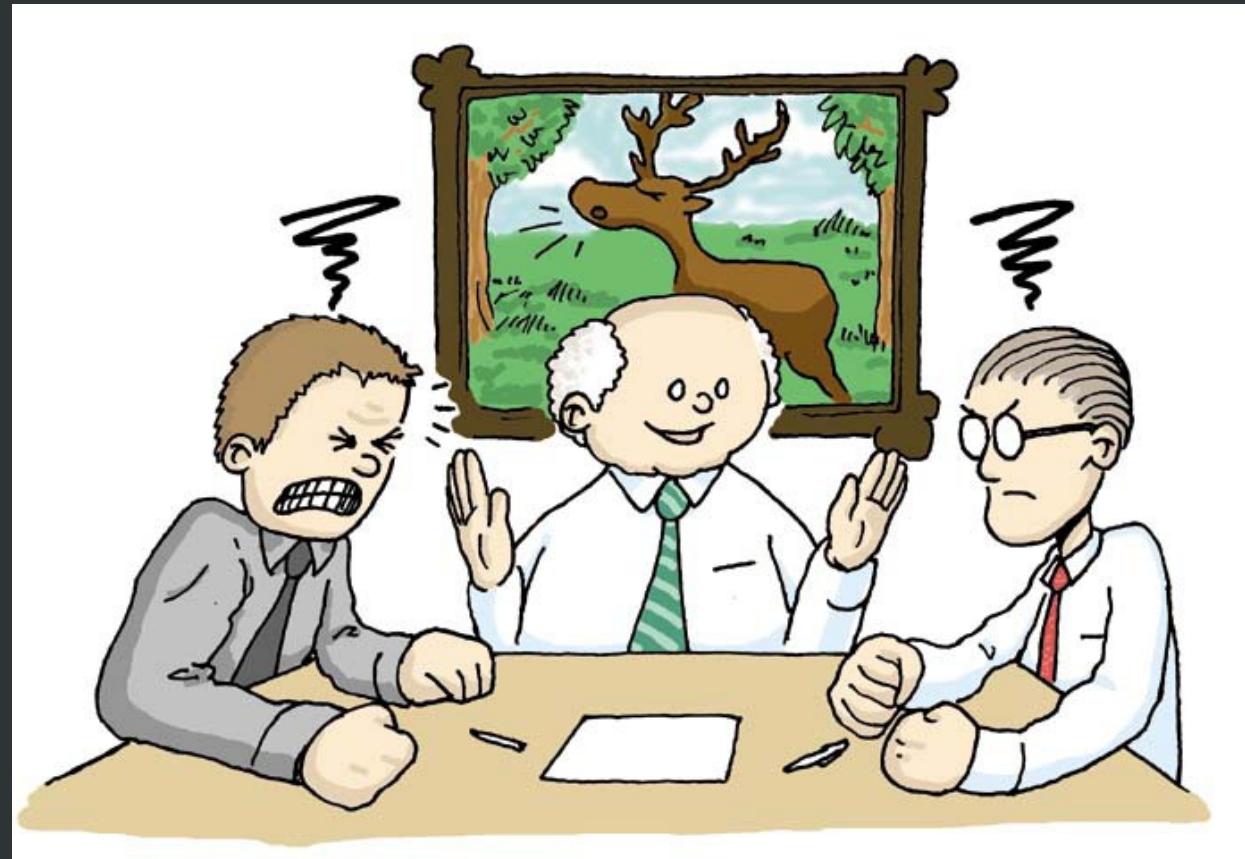
Merging



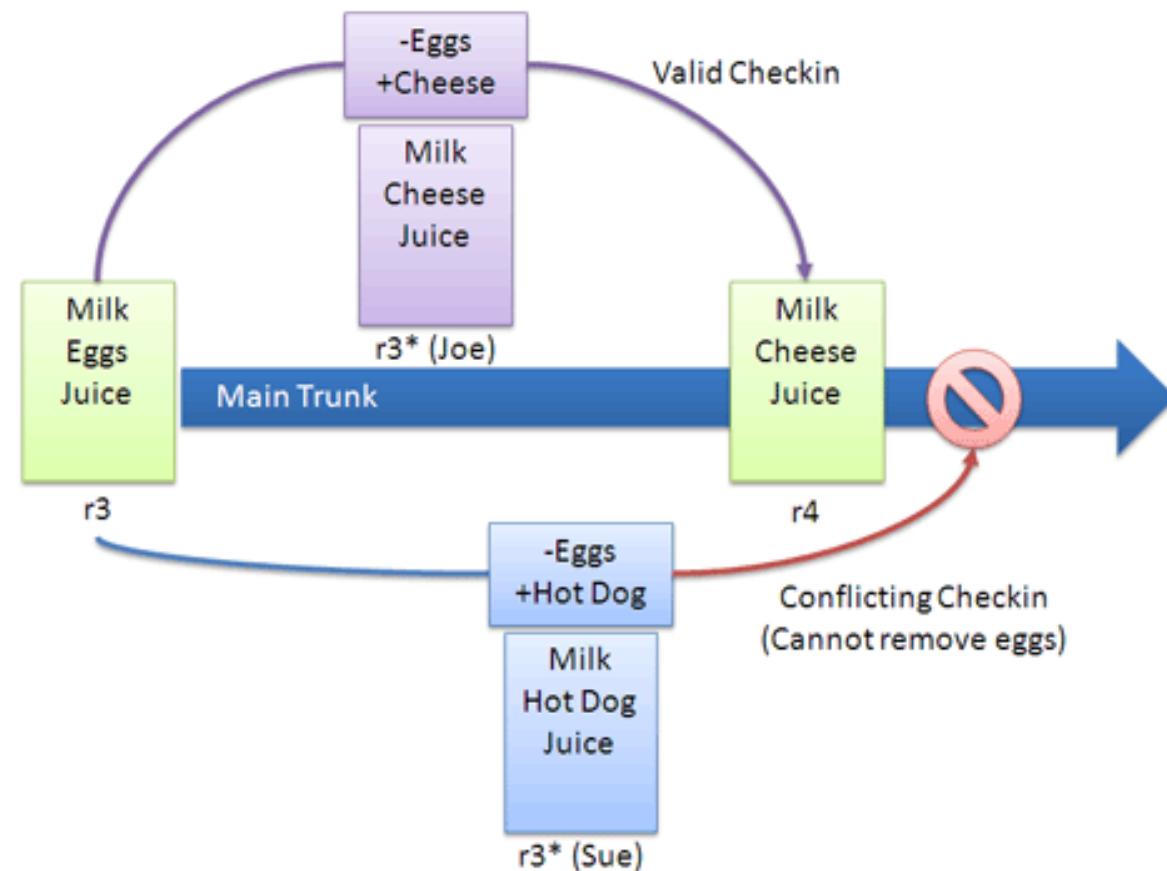
Merging



Conflicts



Conflicts



Basics of Version Control

- Changes
- Committing
- Revisions & Checkins
- Checkout & Edit
- Updating
- Differences
- Branching & Forking
- Merging
- Conflicts



A Good VC System Should Have...

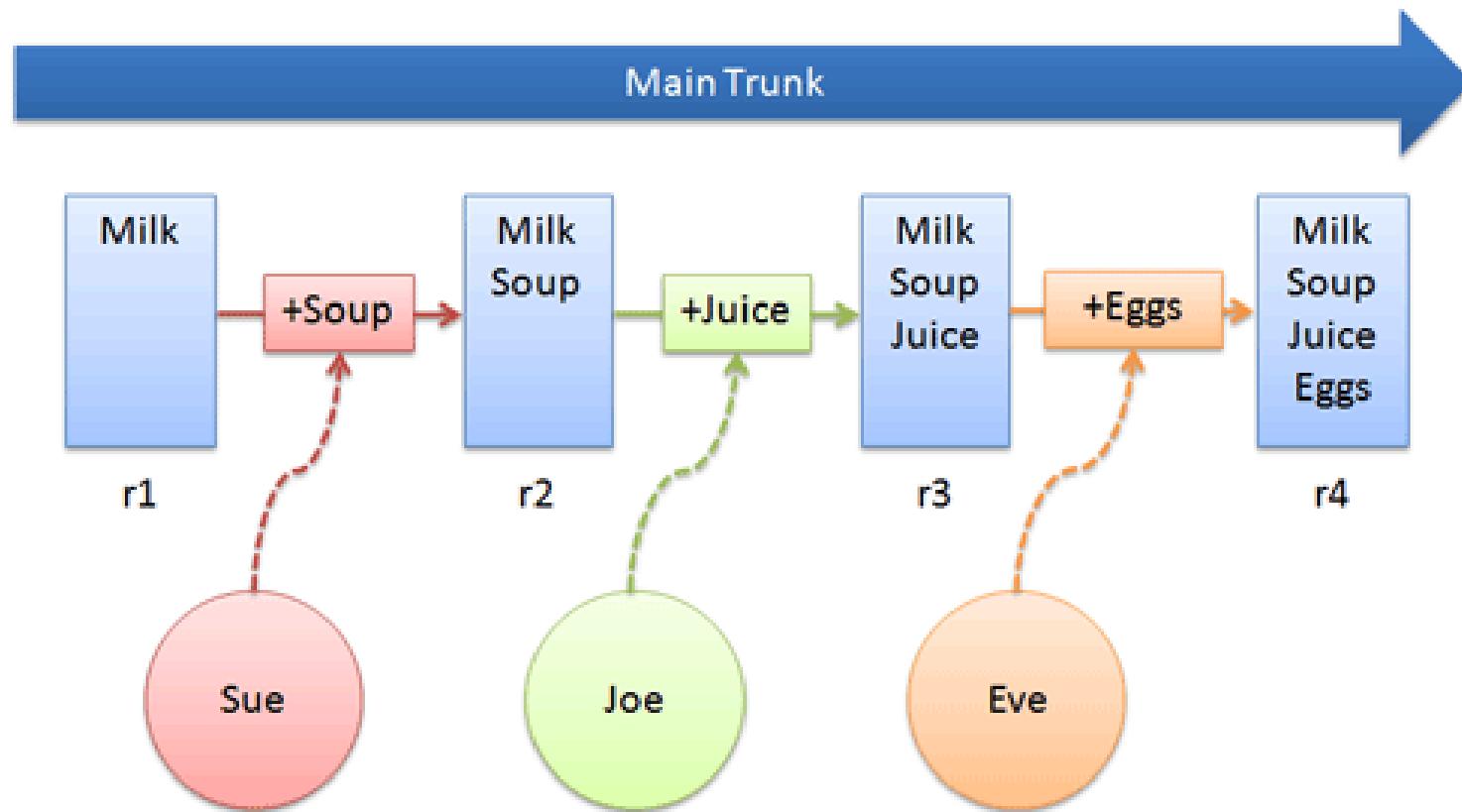
- Backup and Restore
- Synchronization
- Short-term undo
- Long-term undo
- Track Changes
- Track Ownership
- Sandboxing
- Branching and merging



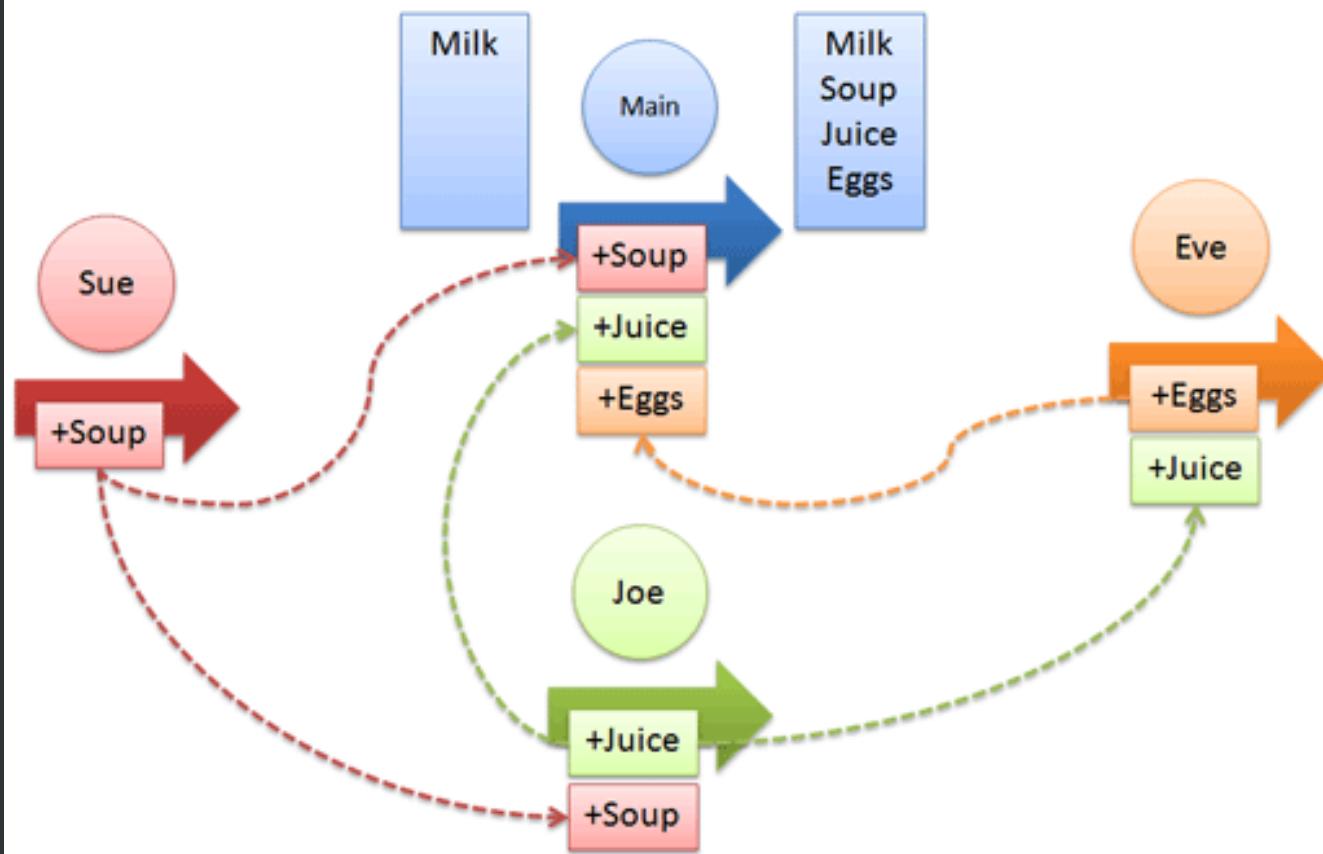
Types of Version Control



Centralized VCS



Distributed VCS



Where to Start



Check out These VC Sessions

- Git: Choosing Workflows that Make Sense

Tim Cunningham

Saturday Hands-On: 1:00p – 3:00p

- Version Control on the Database: The Final Frontier

Tim Cunningham

Sunday: 9:00p – 10:00p



Resources

A Visual Guide to Version Control

<http://betterexplained.com/articles/a-visual-guide-to-version-control/>

An introduction to version control

<http://guides.beanstalkapp.com/version-control/intro-to-version-control.html>

Git Tutorial

<http://www.vogella.com/articles/Git/article.html>

