

Testing your commits before you push

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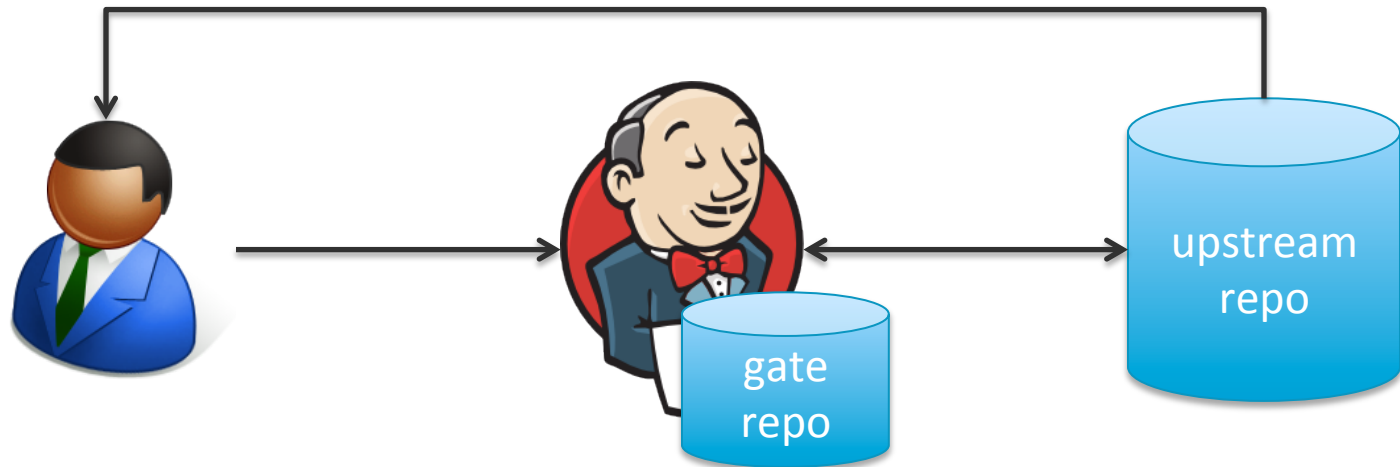


Motivation

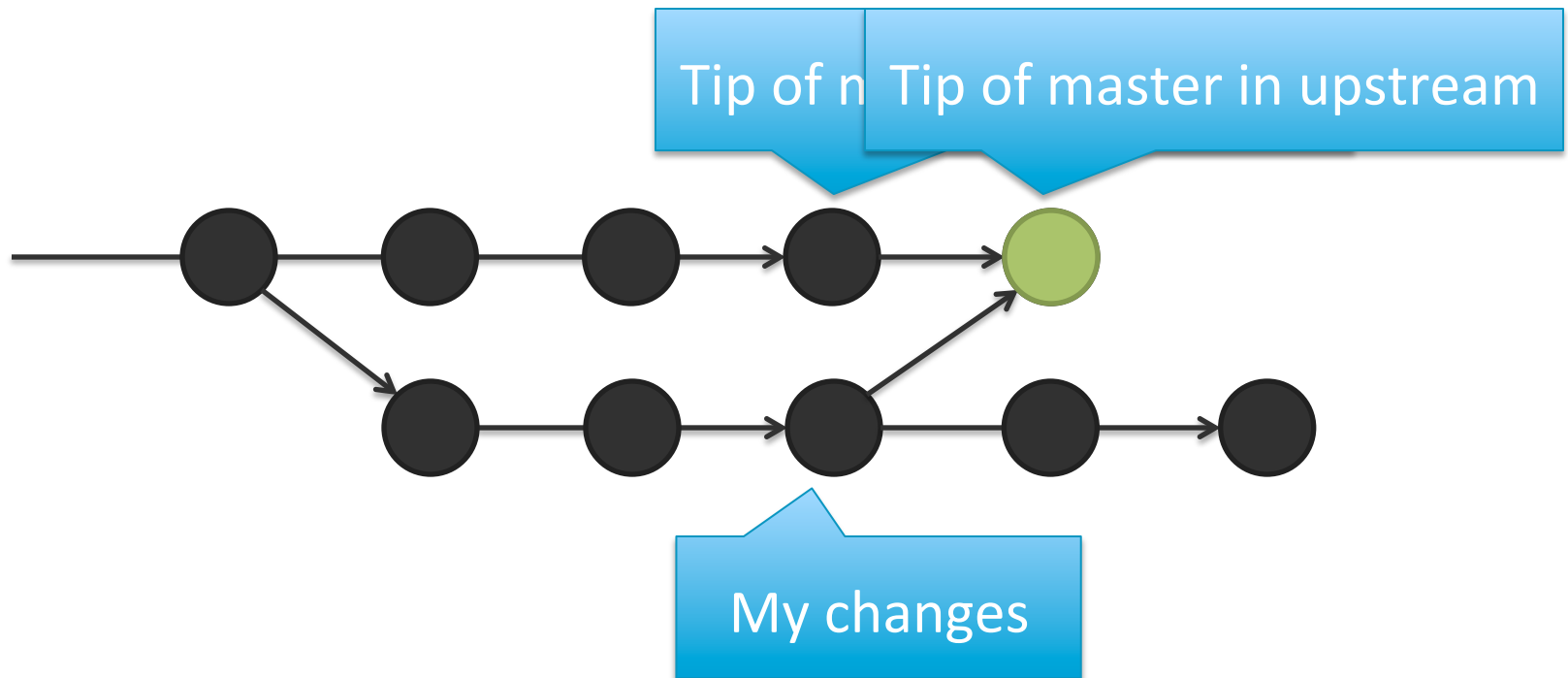
- Too lazy to run tests on my own
 - (obligatory Java memory hog joke here)
- Gerrit isn't exact fit
 - Don't want to take over the master repository
 - Not keen on testing every single commit
 - I don't do code reviews

Solution: Jenkins should be Git server

- I push to Jenkins
- Jenkins merges it with upstream
- Jenkins tests it
- If good, Jenkins pushes it upstream



Another way to look at it



Implementation

- Transport
 - HTTP
 - SSH
- JGit embedded in Jenkins for git server functionality
 - A bit of magic like Gerrit to make it seamless
- Additional tags to let you pull submitted changes

Demo

Available today

- Jenkins Enterprise by CloudBees 12.05