

What about git?

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want to use git instead of hg

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Is it git or is it github?

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Technical differences hg vs git

- hg push queues tricky to use
- more efficient for remote users
- git more popular
 - easier for community members to use
- <http://etherpad.mozilla.com:9000/Prototype-git-central>
- ...

Mozilla switched from cvs to hg in 2007, so lets do it again...

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...and we didnt change bugzilla, so no need to migrate reviews, bug comments, etc

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migrating all change history from github into mozilla-installed-git is... non-trivial?
migrating all reviews, bug comments from github into existing mozilla-infra is... non-trivial?

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...wait.... what if the real preference was actually....

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want to use **github** instead of hg+bugzilla+graphserver+tbpl

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News Feed

News Feed | Your Actions | Pull Requests



You've been added to the **mozilla-releng** organization!
Here're some quick tips for a first-time organization member

Use the switch context button in the upper left corner of this screen to switch between your personal context (joduinn) and any organizations you've been added to.



After you switch contexts you'll see an organization-focused dashboard that lists out organization repositories and activities.



Shiny new commit styles
We just rolled out some redesigned commit blocks all over the site!

x hide this broadcast

View 19 new broadcasts

catlee opened **pull request 19** on **mozilla/process-releases** August 17, 2011



script to do the aurora -> beta merge
1 commit with 50 additions and 0 deletions

LegNeato pushed to **gh-pages** at **mozilla/process-releases** August 15, 2011



e94056a Add notes from last source migration

947d950 Update merge directions

[View comparison for these 2 commits](#)

git **Welcome to GitHub! What's next?** (April 07, 2011)

- [Create a Repository](#)
- [Tell us about yourself](#)
- [Browse Interesting Repos](#)
- [Follow @github on Twitter](#)

Your Repositories (2)

New Repository

Find a repository...

All Repositories | Public | Private | Sources | Forks

- joduinn/aoa-volume2
- joduinn/process-releases

Watched Repositories (2)

Find a repository...

All Repositories | Public | Private | Sources | Forks

- catlee/aoa-volume2
- mozilla/process-releases

Security

- who has access to commit - and how is that ensured?
- Man-in-the-middle attack?
 - Mozilla RelEng is firewalled off
- concern that a bad person / sec.leak could compromise machine/code that we later ship as a "firefox release" to users

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Long term life of the code

- what if external repo goes down ?
- what if github bought by <insert-evil-empire-here>
 - we have copies of repos
 - ..but what about discussion/comment history?
- the risk of putting Mozilla source history, our crown jewels, in the hands of an external company

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All or nothing?

- all project branches need to use same tools
 - install one set of tools on build systems
 - frequent migrations across branches, migrating changes is “easy”
- we already know how to migrate changes for aurora, beta, releases, chemspills, enterprise/LTS firefox

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Each to their own?

- at setup, each project branch chooses hg/git as they wish
 - setup all the tools on build systems
 - frequent migrations across branches, migrating across branches on different systems is more complicated
- for chemspill readiness, keep mozilla-central, aurora, beta, releases, enterprise/LTS firefox on same tools

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Q & A

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