

Git: Branches and Pull Requests

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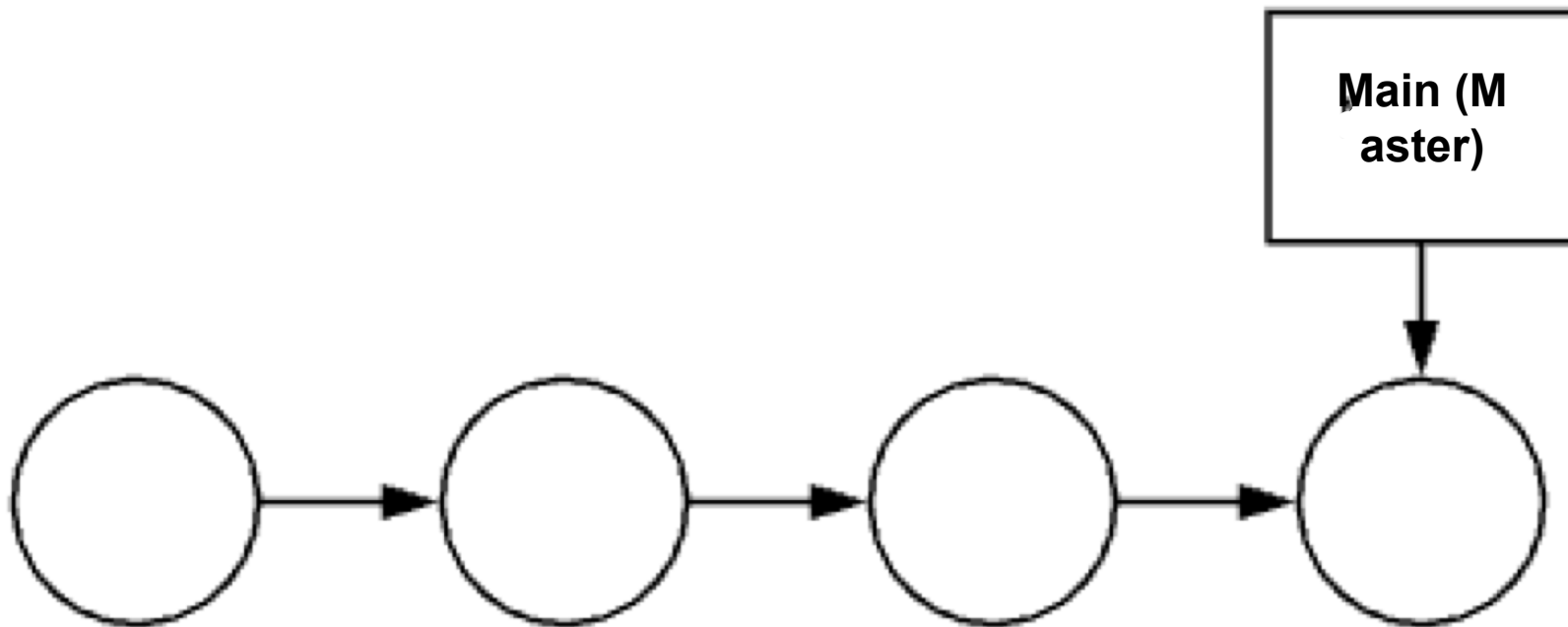
Useful Links:

- Git Hub:
 - <https://guides.github.com/introduction/git-handbook/>
- Bitbucket:
 - <https://www.atlassian.com/git/tutorials/learn-git-with-bitbucket-cloud>
 - <https://www.atlassian.com/git/tutorials/learn-about-code-review-in-bitbucket-cloud>
- Git Docs:
 - <https://git-scm.com/doc>

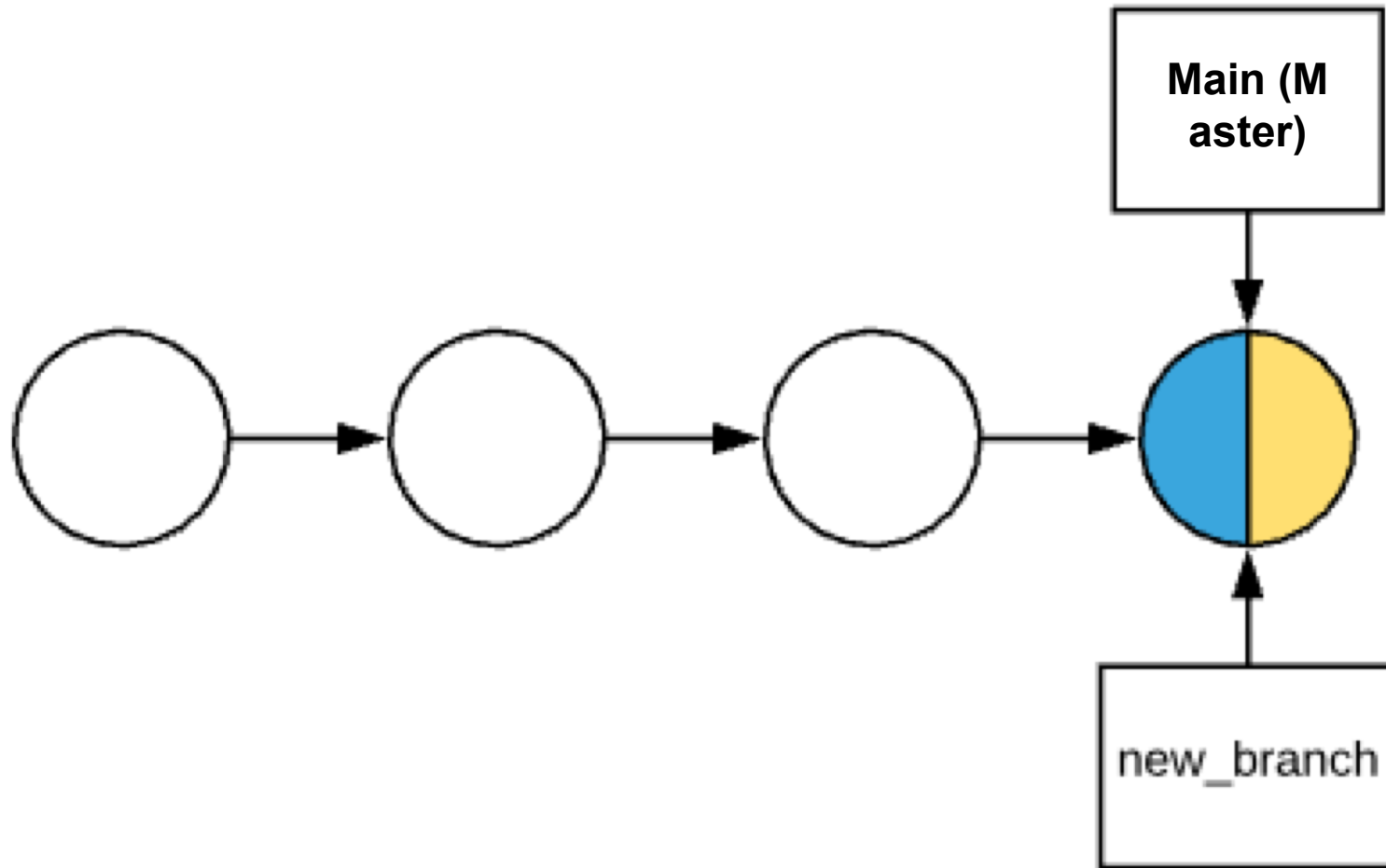
What are we trying to do?

- We have a new Crazy Idea!
- If it doesn't pan out, go back to original version.
 - Don't affect master.
- Branches are cheap, easy to create, destroy and merge.

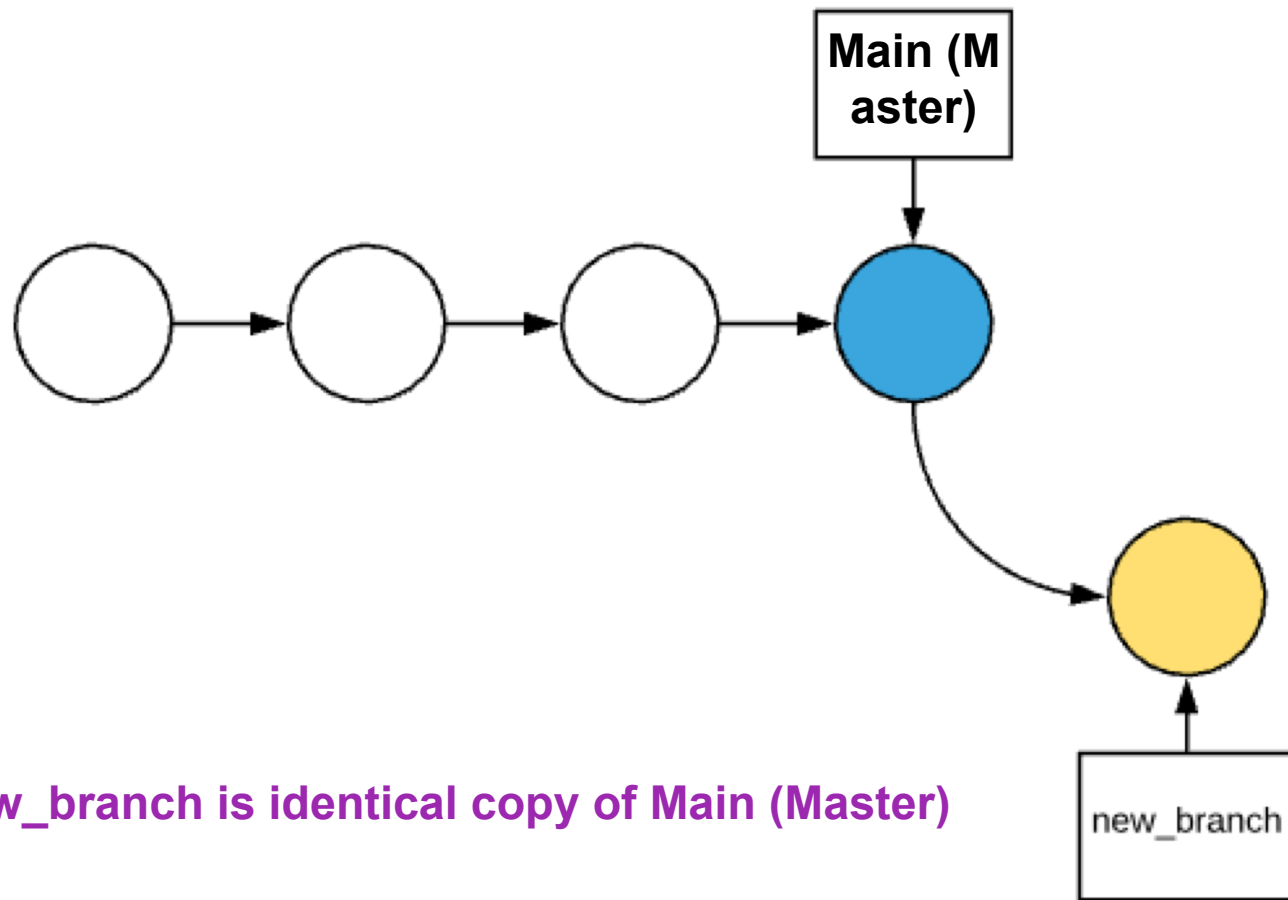
What does this look like?



>git branch new_branch

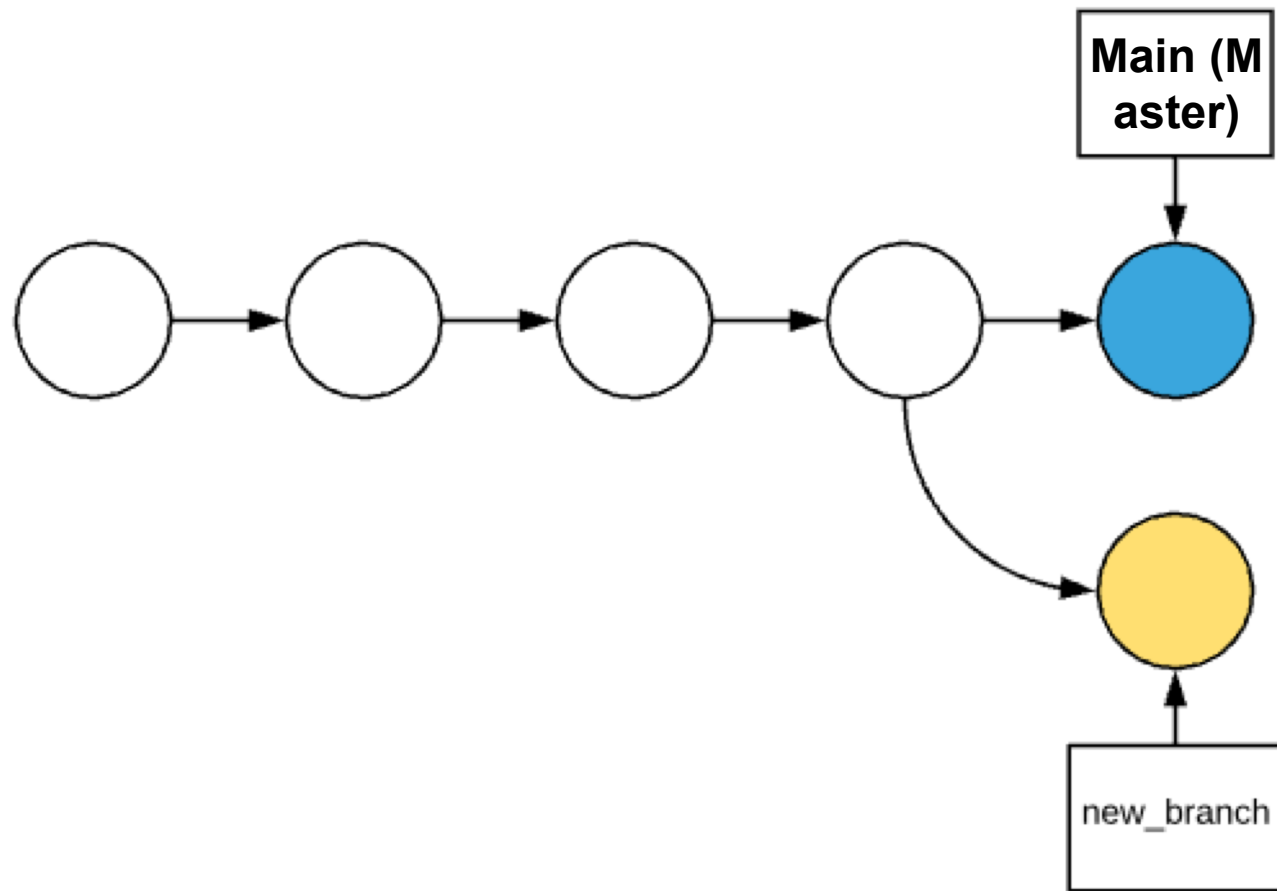


Commit a change to new_branch

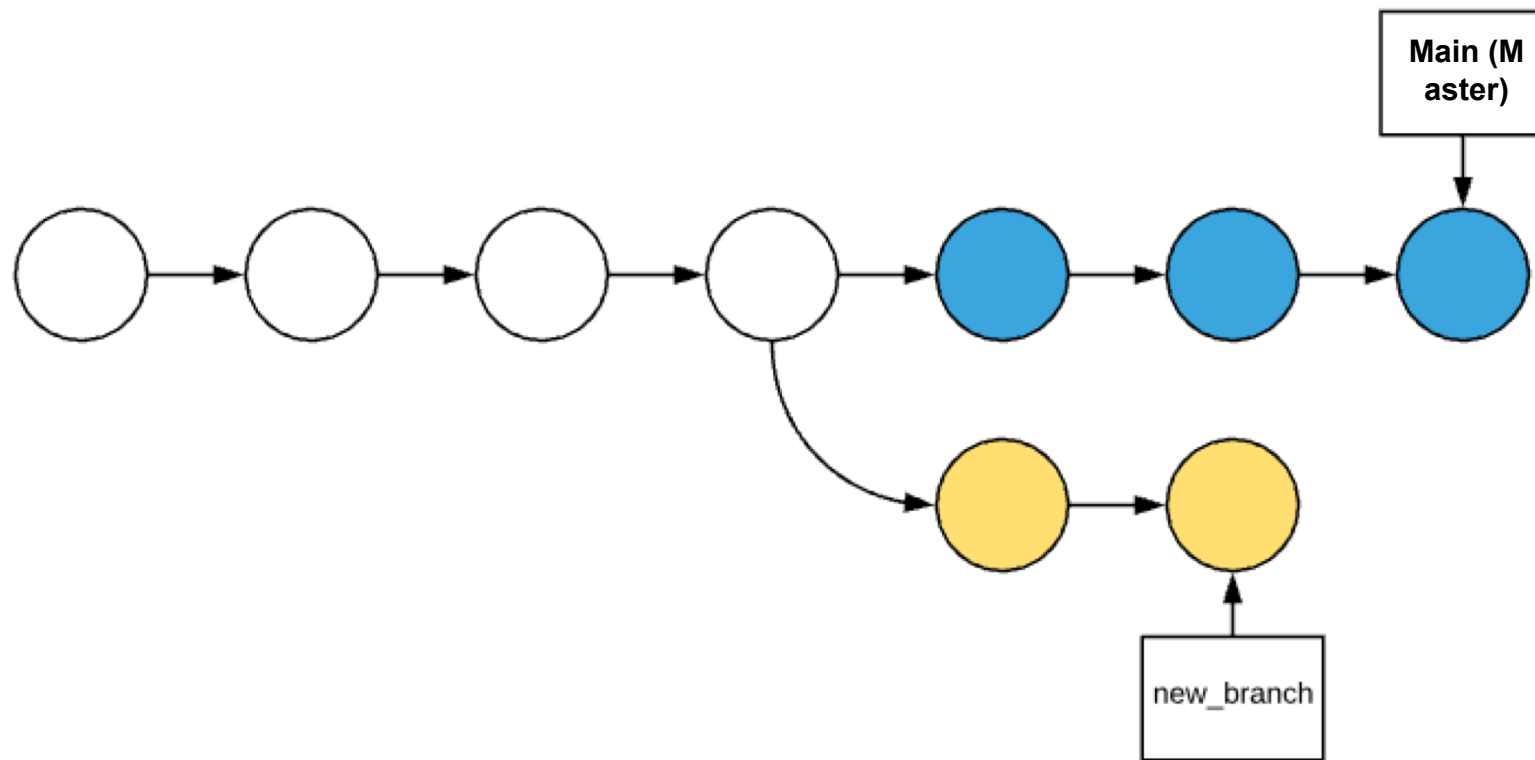


Note: new_branch is identical copy of Main (Master) branch

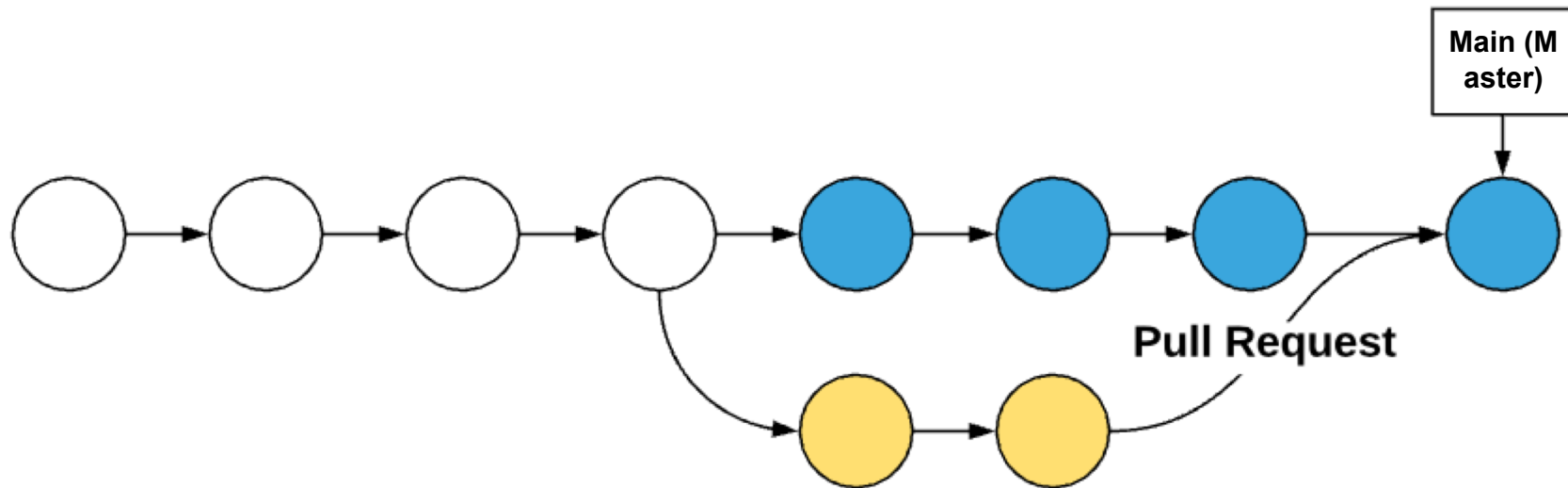
Commit on Main (Master)



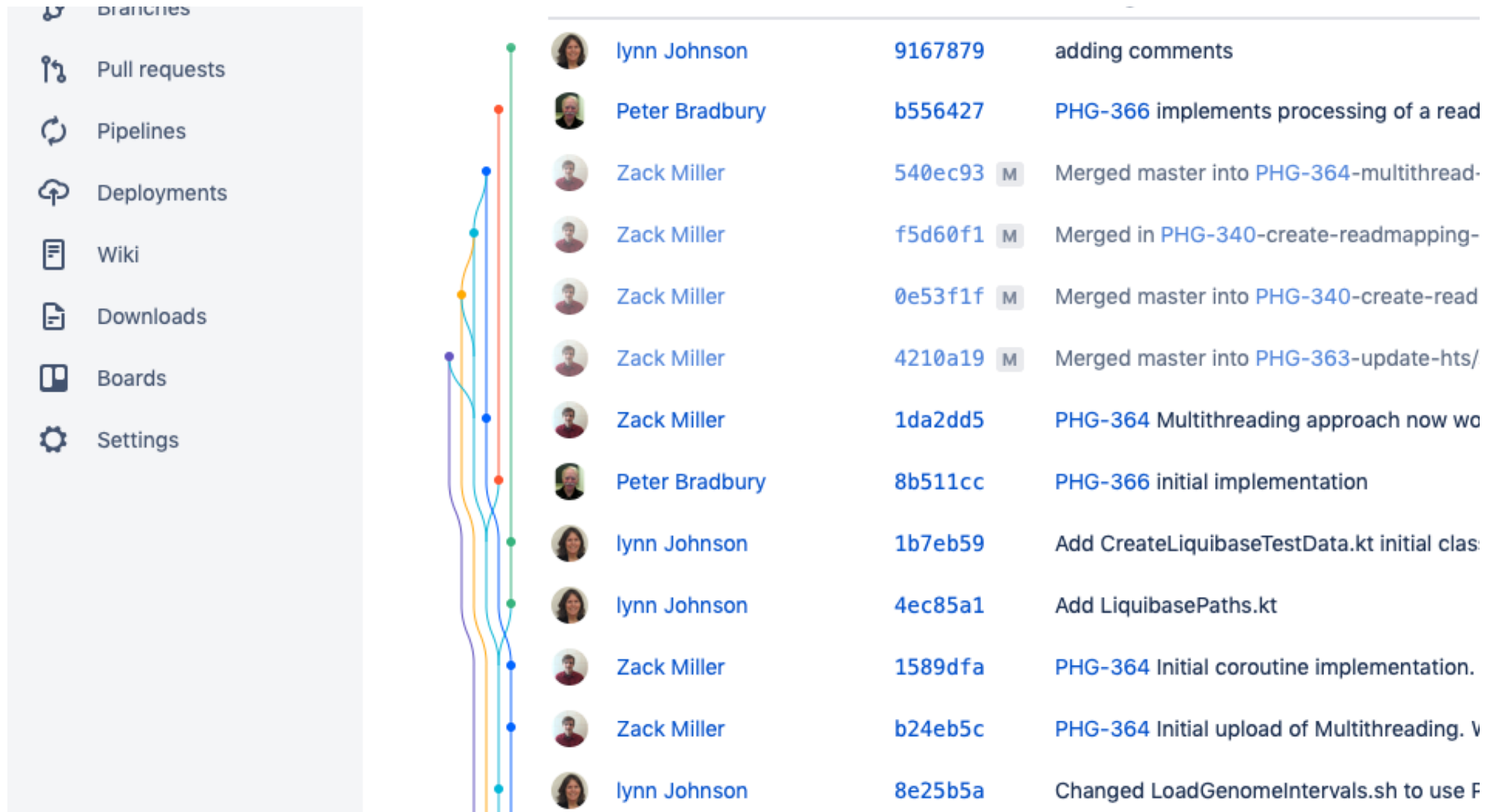
A few Commits later: Ready to Merge



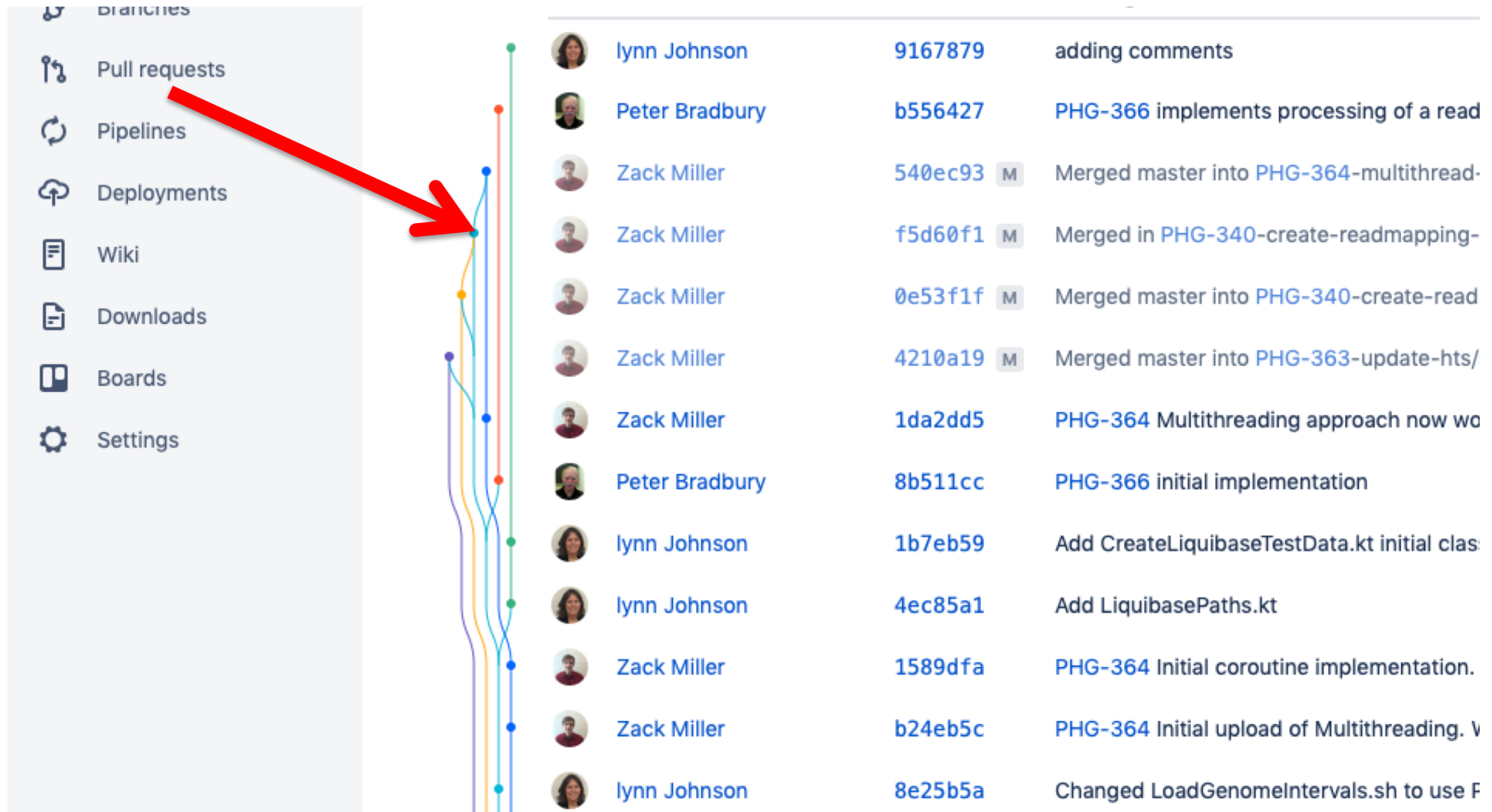
After Pull Request



This can get a bit messy!



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Suggestion: Use a Git Client

- Tower(Not Free):
 - <https://www.git-tower.com/mac>
- Sublime Merge
 - <https://www.sublimemerge.com>
- SourceTree:
 - <https://www.sourcetreeapp.com/>
- GitKraken:
 - <https://www.gitkraken.com/git-client>
- IDEs:
 - IntelliJ / Pycharm
 - Eclipse

Gitflow Doc

- <https://www.atlassian.com/git/tutorials/comparing-workflows/gitflow-workflow>