Rambling Git

Some rambling on using Git

Git: Where to start
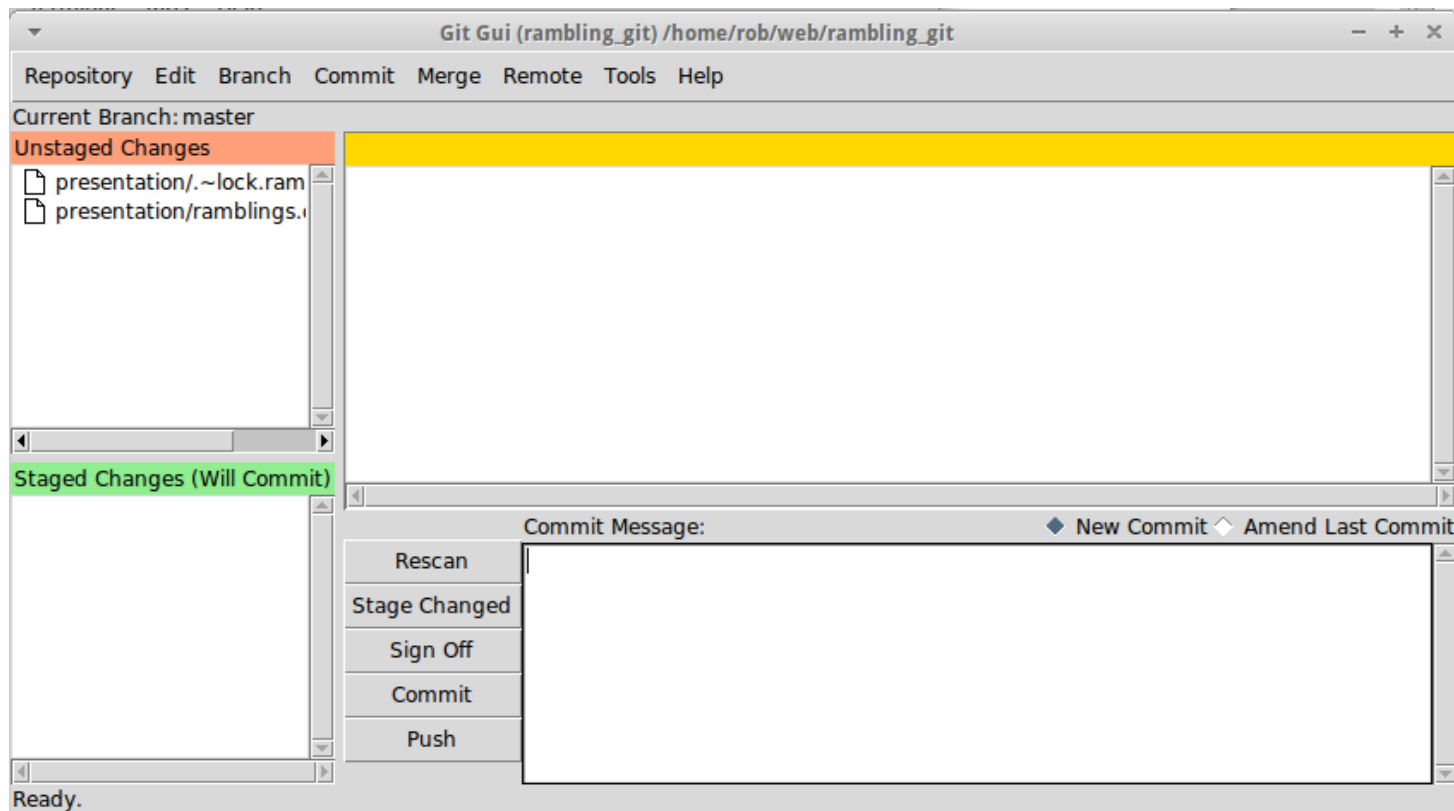
Online Git book: http://git-scm.com/doc

Git Gui

No one seems to use it, but I love it because:

- It means I don't have to remember so many commands.

- I get control and a nice view of files before I commit.

- It integrates nicely with gitk.

- It is cross platform. Works the same on Windows, Linux and Mac.

Get Gui

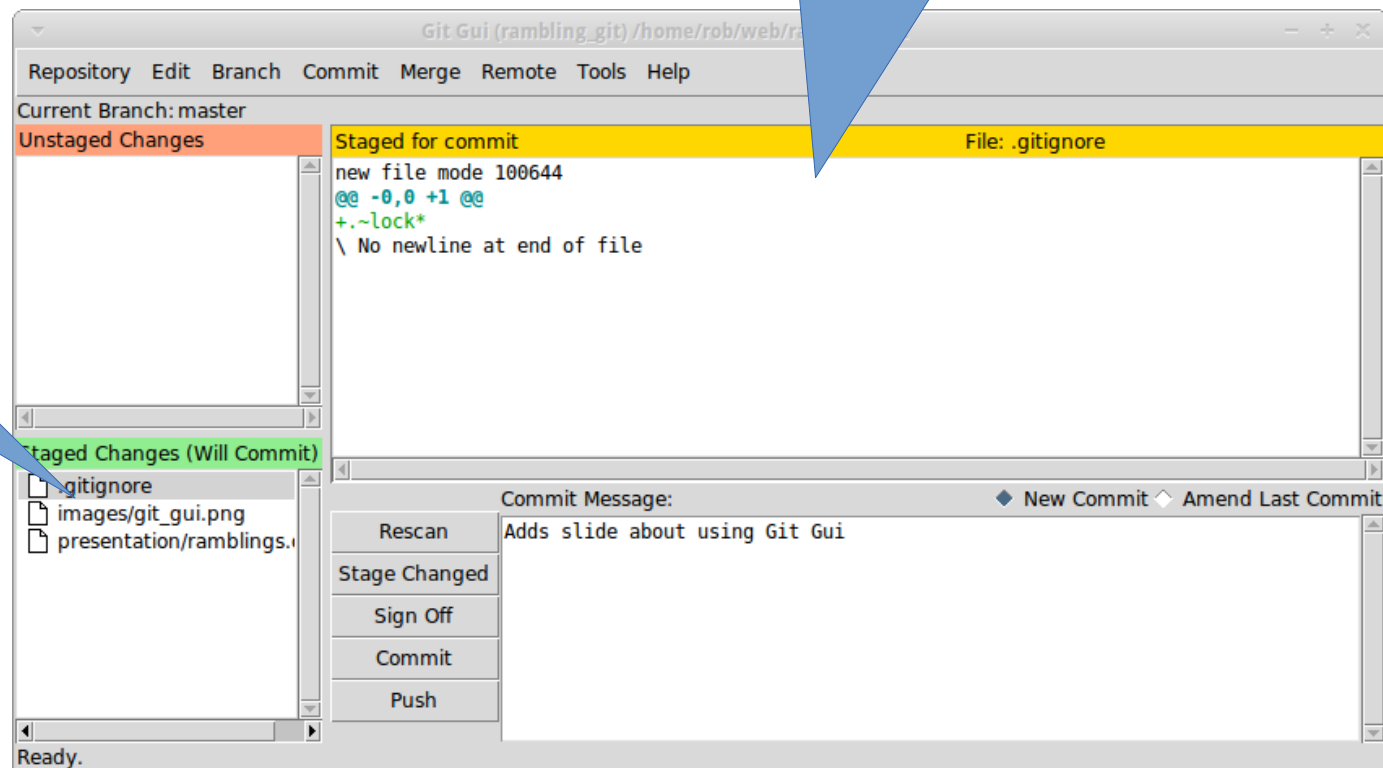- On ubuntu: sudo apt-get install git-gui

- At the root of you app: git gui

Committing

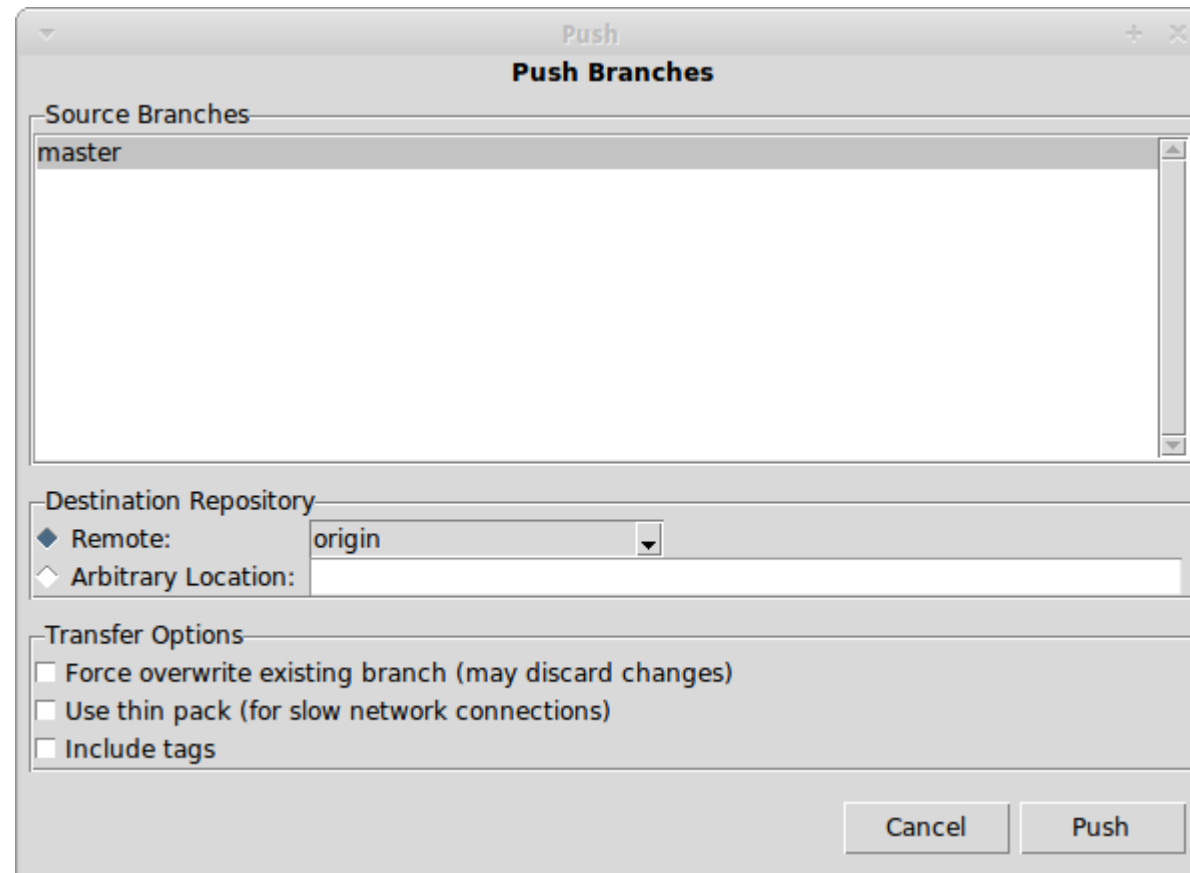- Click 'Stage Changed', add a commit message, and click 'Commit'

Push

- Click 'Push'

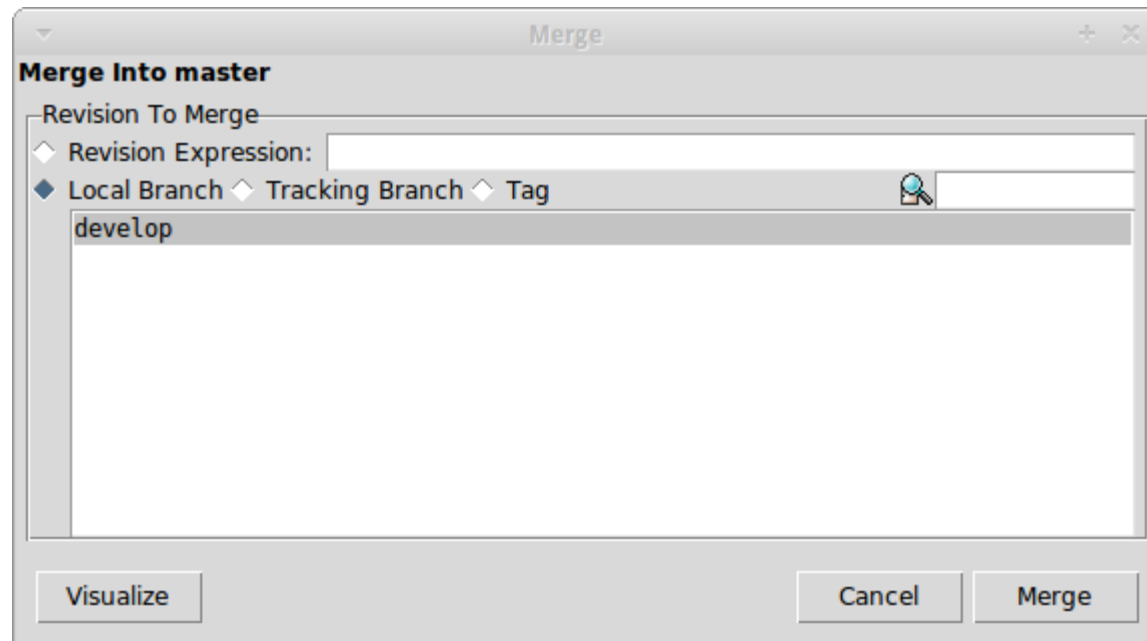# Create a branch

View branch histories (via gitk)
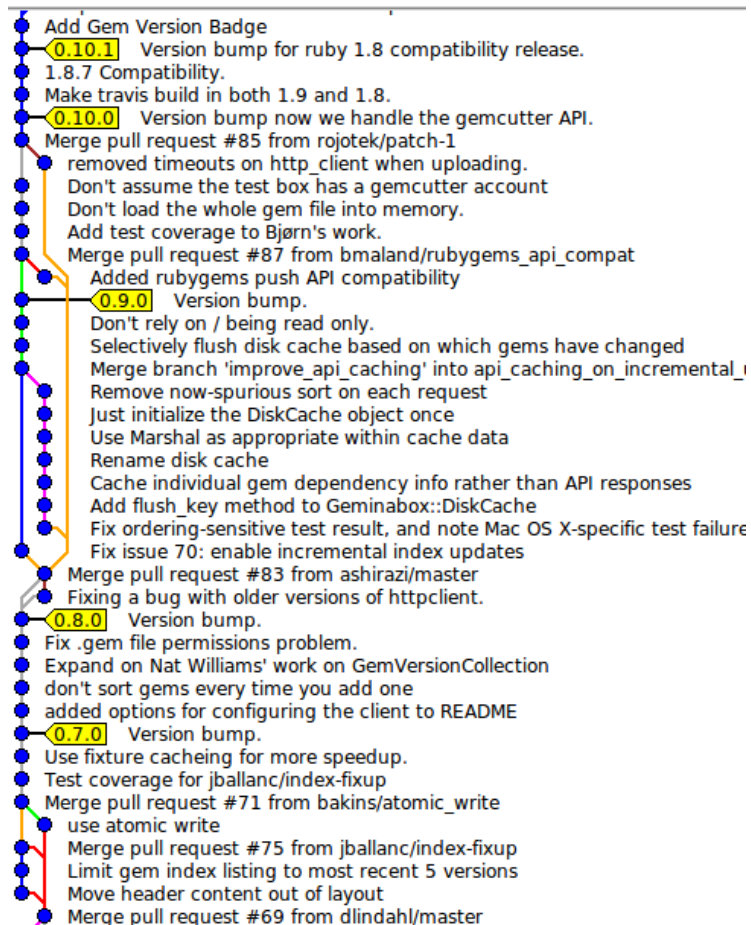
- Repository > Visualize All Branch History
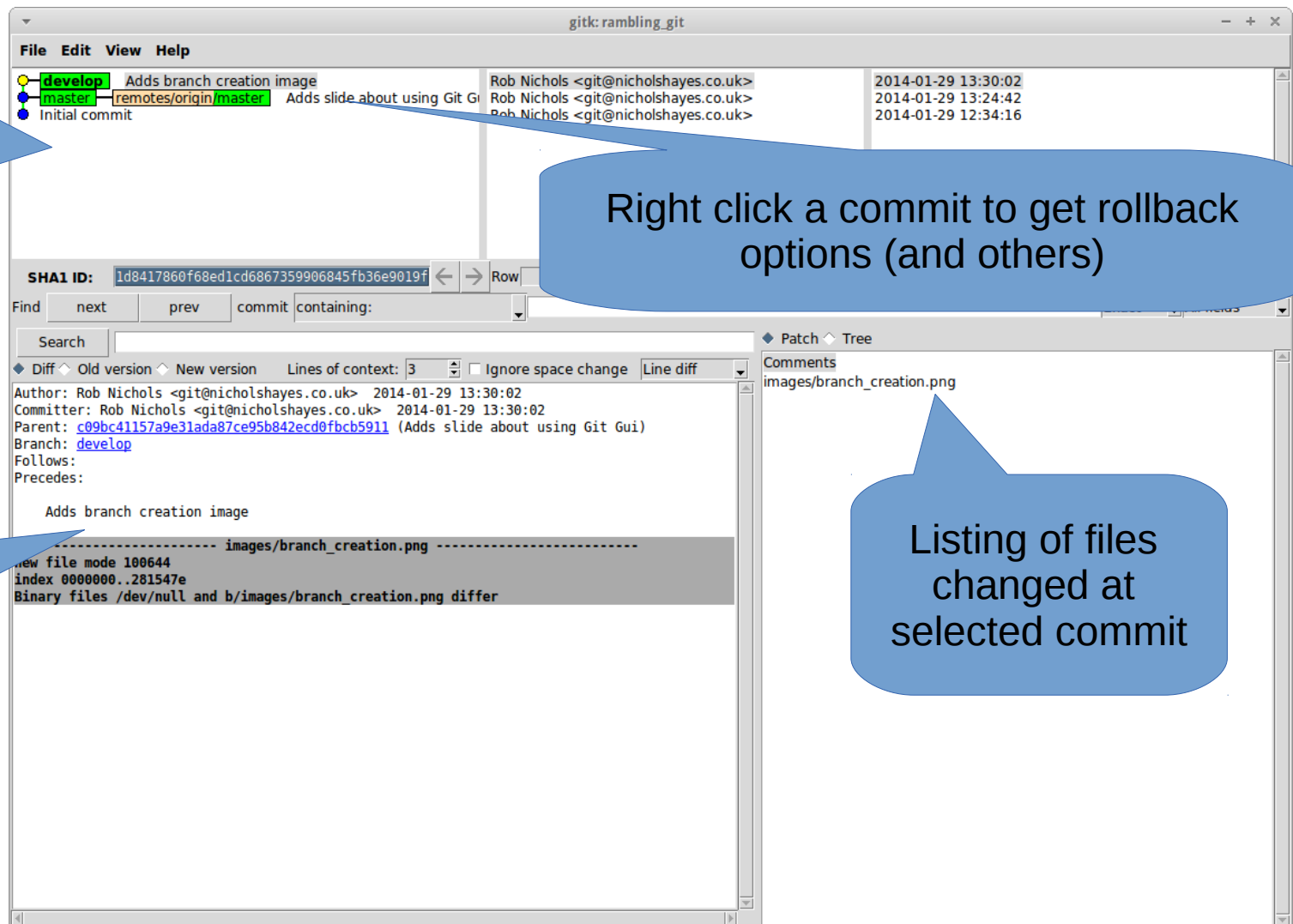
Merging branches

- Branch > Checkout : and checkout master

- Merge > Local Merge

Remember to push the newly merged branch

Tagging

Doing the tagging

- From command line. See:
  http://git-scm.com/book/en/Git-Basics-Tagging

- In gitk, (right click commit)

- Via git flow

But where do you tag? The last change, the version file bump, or the merge into master?

Git flow is my preferred method as it gives the most consistent alignment of tag.
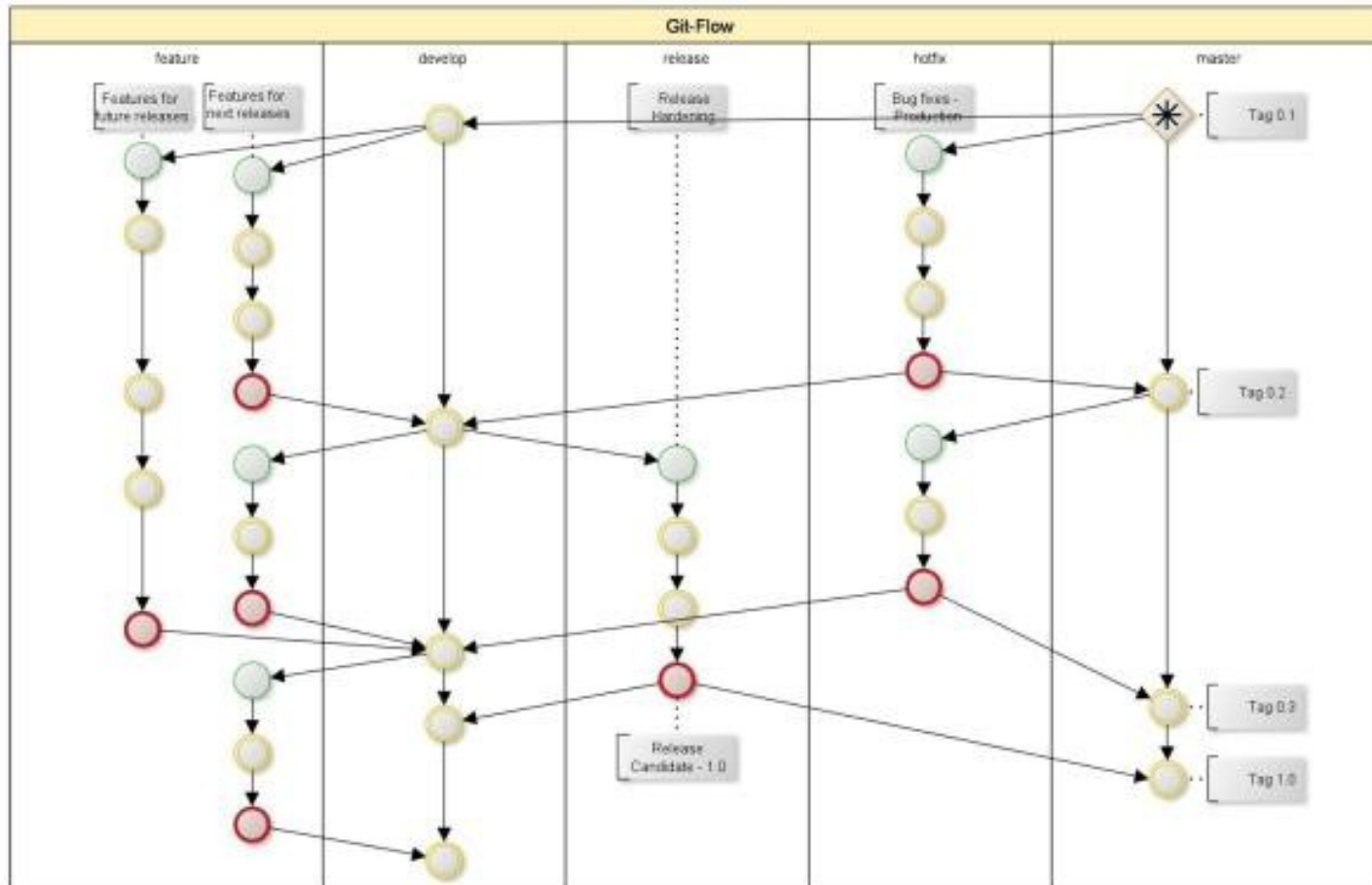
Git flow

https://github.com/nvie/gitflow

http://yakiloo.com/getting-started-git-flow/

Summary

- Documentation: http://git-scm.com/doc

- Useful tools:

  - Git gui: http://git-scm.com/docs/git-gui

  - Gitk: http://git-scm.com/docs/gitk

  - Tagging: http://git-scm.com/book/en/Git-Basics-Tagging

  - Git flow: https://github.com/nvie/gitflow

- Homework:

  - Git stash:

    - http://git-scm.com/book/en/Git-Tools-Stashing

    - http://git-scm.com/docs/git-stash