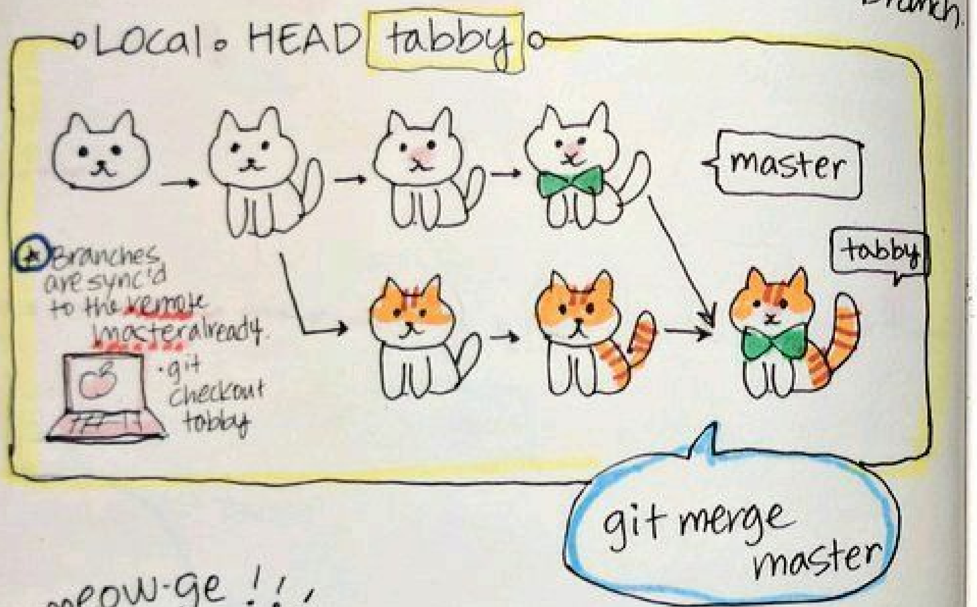
git merge

@girlie_mac

- git merge incorporates changes into the current branch.



git meow-ge !!!

★ merge is like having 2 parents & 1 resulting child!

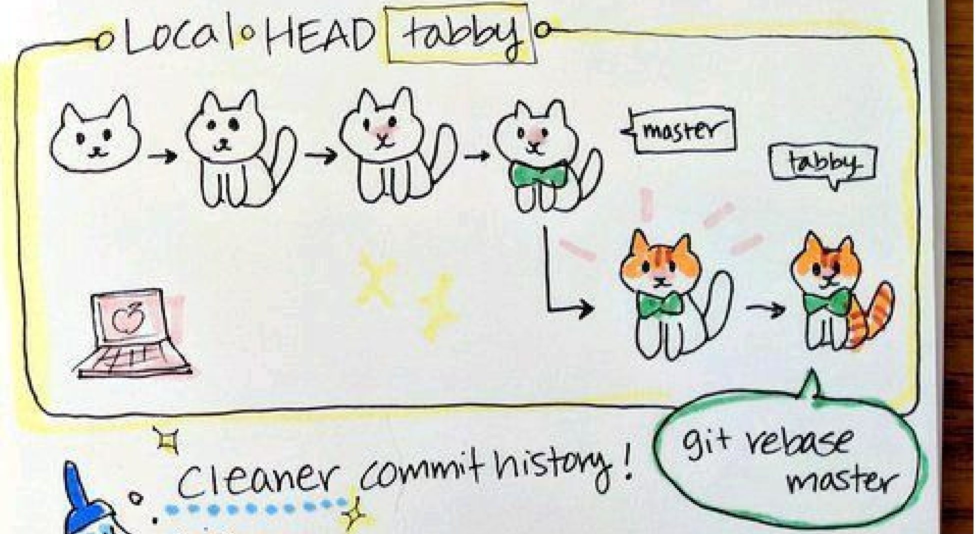
★ rebase adds all new Δs on top of one parent.

PAWSOME!

git rebase

@girlie_mac

- git rebase moves a branch from one commit to another.



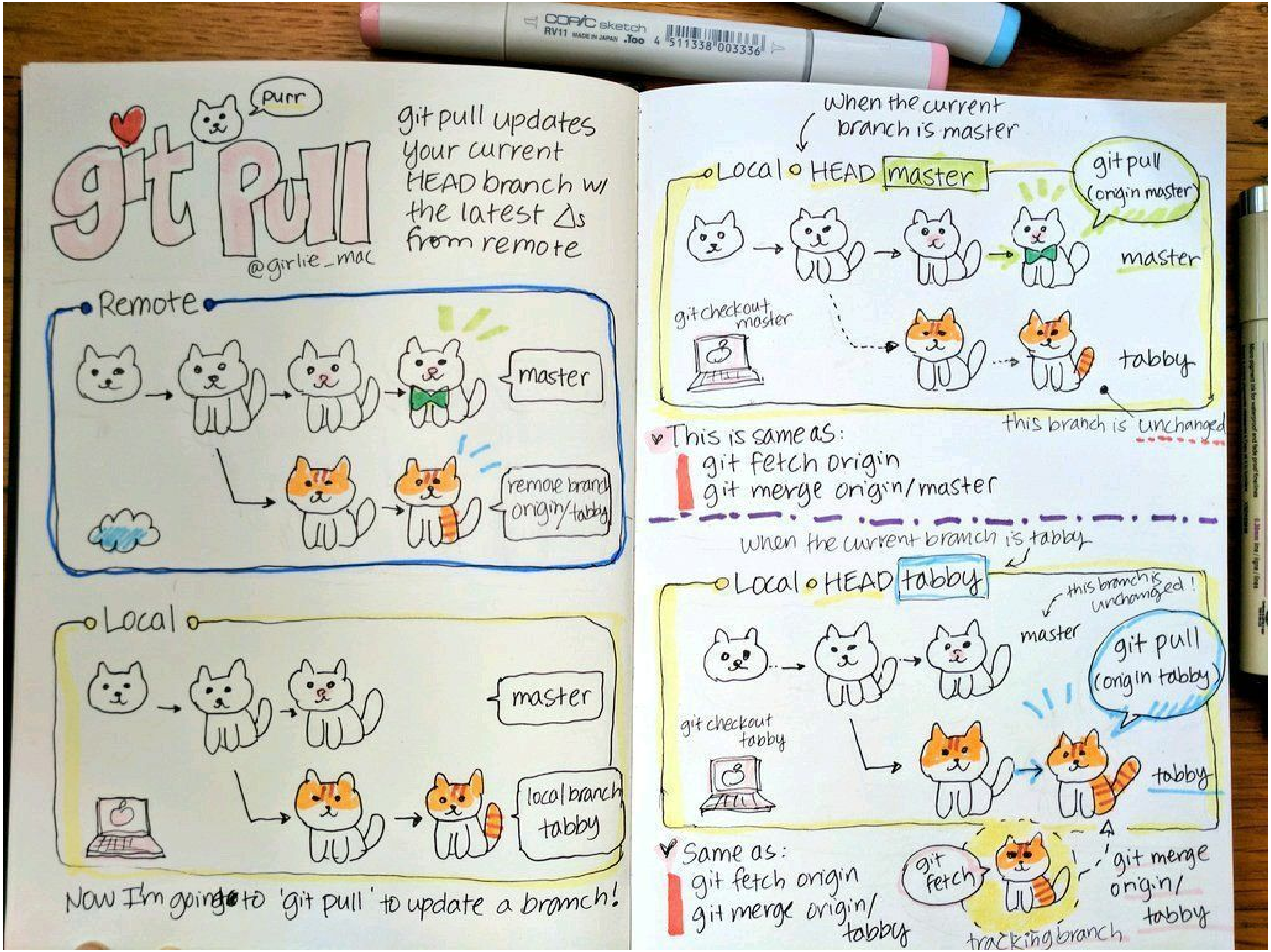
Cleaner commit history!

If you want to rebase from the remote master instead of local, do either:

```
$ git fetch origin
$ git rebase origin/master
```

or

```
$ git pull --rebase origin master
```



git Pull

@girlie_mac

git pull updates your current HEAD branch w/ the latest Δs from remote

Now I'm going to 'git pull' to update a branch!

when the current branch is master

This is same as:

git fetch origin
git merge origin/master

when the current branch is tabby

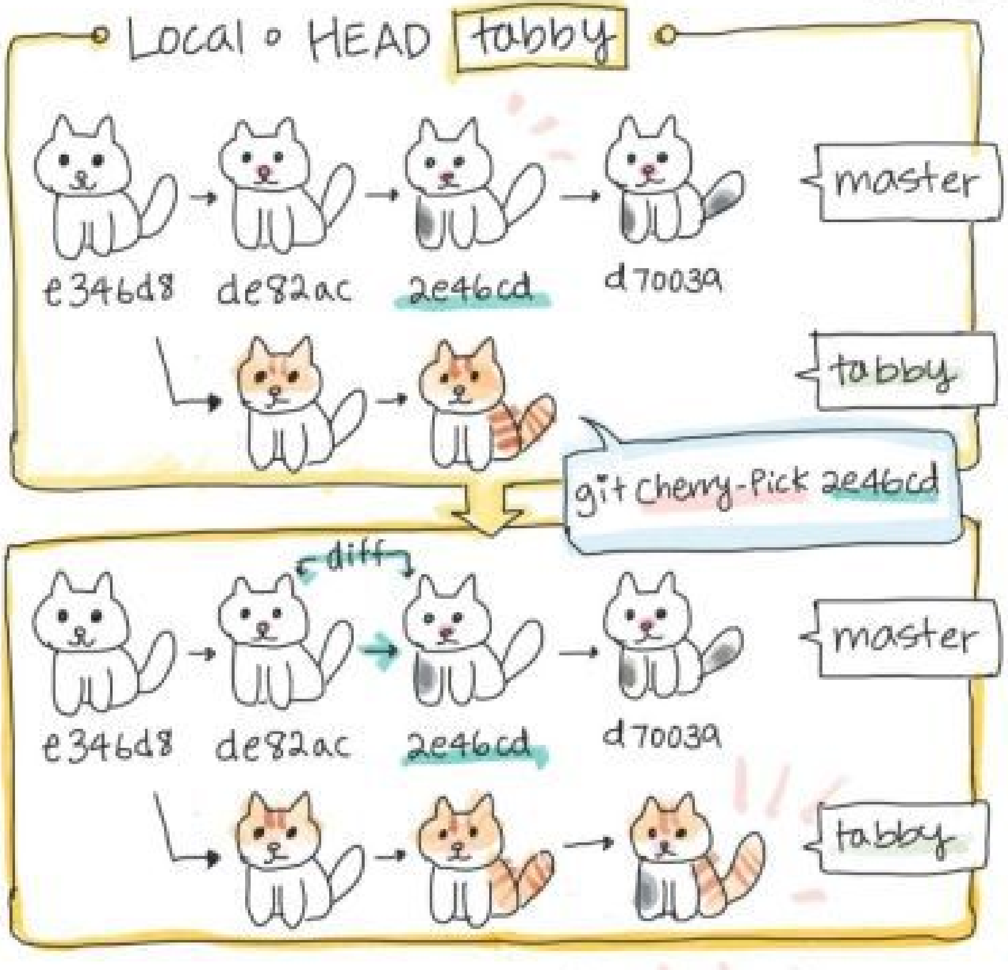
Same as:

git fetch origin
git merge origin/tabby

git cherry-pick

@girlie_mac

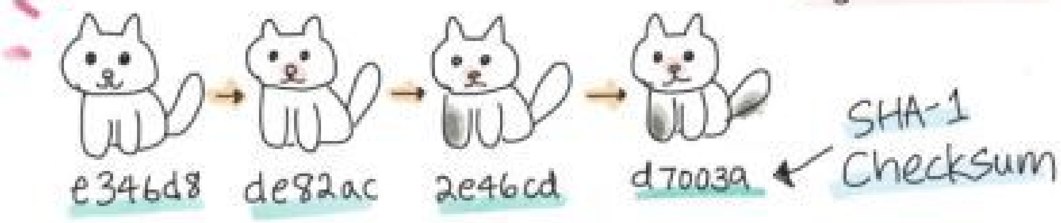
♥ git cherry-pick lets you grab some commits from one branch & apply it into another branch!



git log

♥ git log lets you view the commit history

@girlie_mac



git log prints out

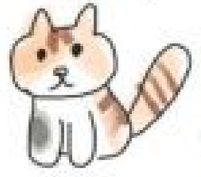
```
Commit e346d8
Author: Little-princess Leia <leia@kitty.cat>
Date : Sun Sept 23 17:30:42 2018 -0700
   Add body
commit de82ac
Author; Jamie <jam@kitty.cat>
Date :
....
```

git cherry-pick this SHA into the tabby branch

Simpler log with:

git log --oneline

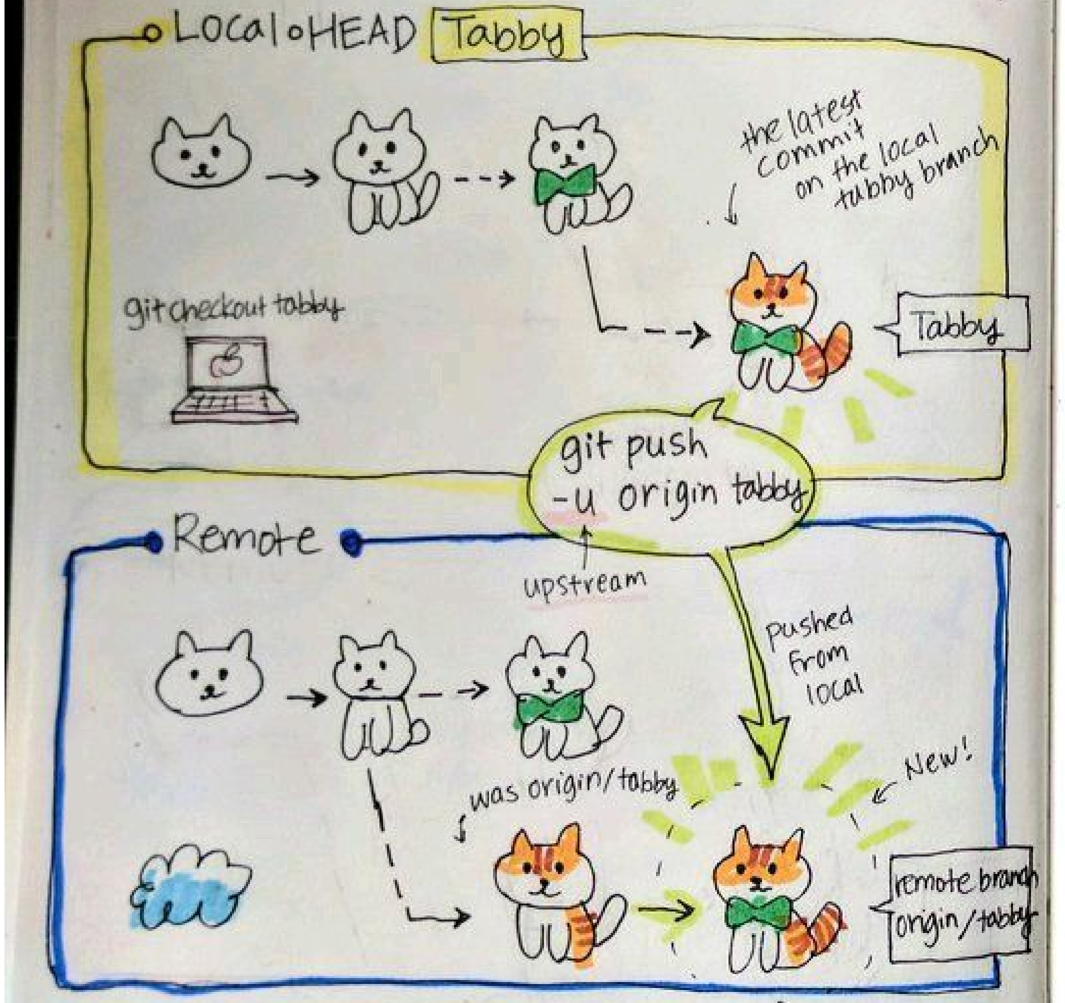
```
e346d8  Add body
de82ac  Edit nose
2e46cd  Add gray dot on leg
```



git Push

@girlie_mac

♥ git push transfers your commits from your local repo to a remote repo!



Now the tabby branch on local + remote are sync'd!

♥ git push

```
git push <remote> <branch>
```

e.g. origin — e.g. tabby

push the specified branch w/ all commits

```
git push -u <remote> <branch>
```

↳ = --set-upstream

the -u flag sets up the association between your branch + the remote branch explicitly.

you don't need it once you've done!

```
git push -f <remote> <branch>
```

↳ --force

force the push, even if it results in a non-fast-foward merge. jush ignore + push!

```
git push --all <remote>
```

push all of your local branches!