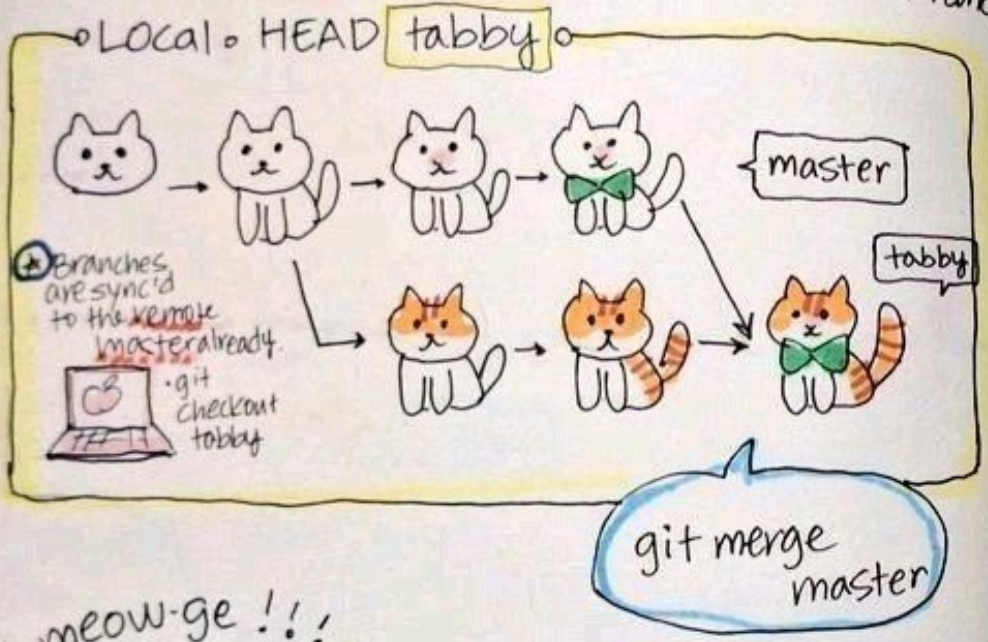
git merge

meow! ge

@girlie_mac

♥ git merge incorporates changes into the current branch.



git meow-ge !!!

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

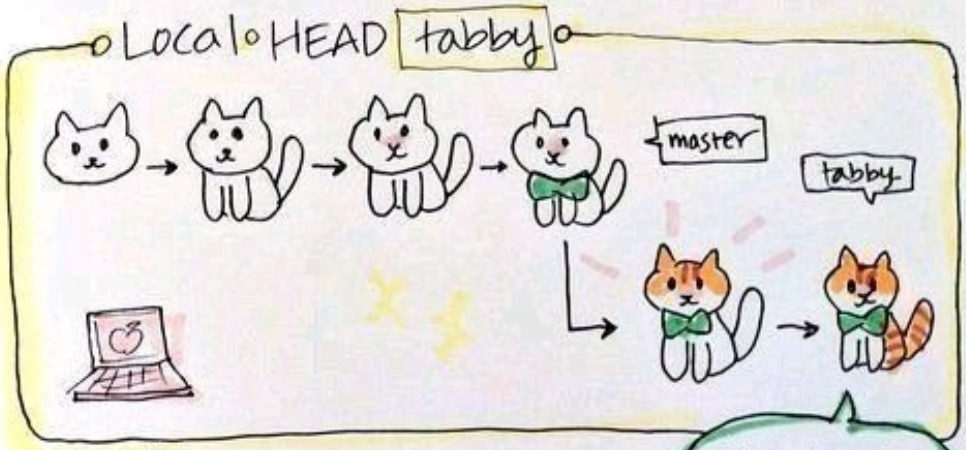
★ rebase adds all new △s on top of one parent.

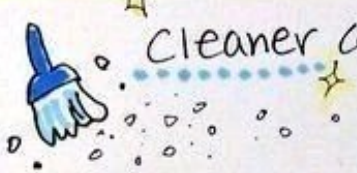
PAWSOME!

git rebase

@girlie_mac

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





Cleaner commit history!

git rebase master

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 cherry-pick

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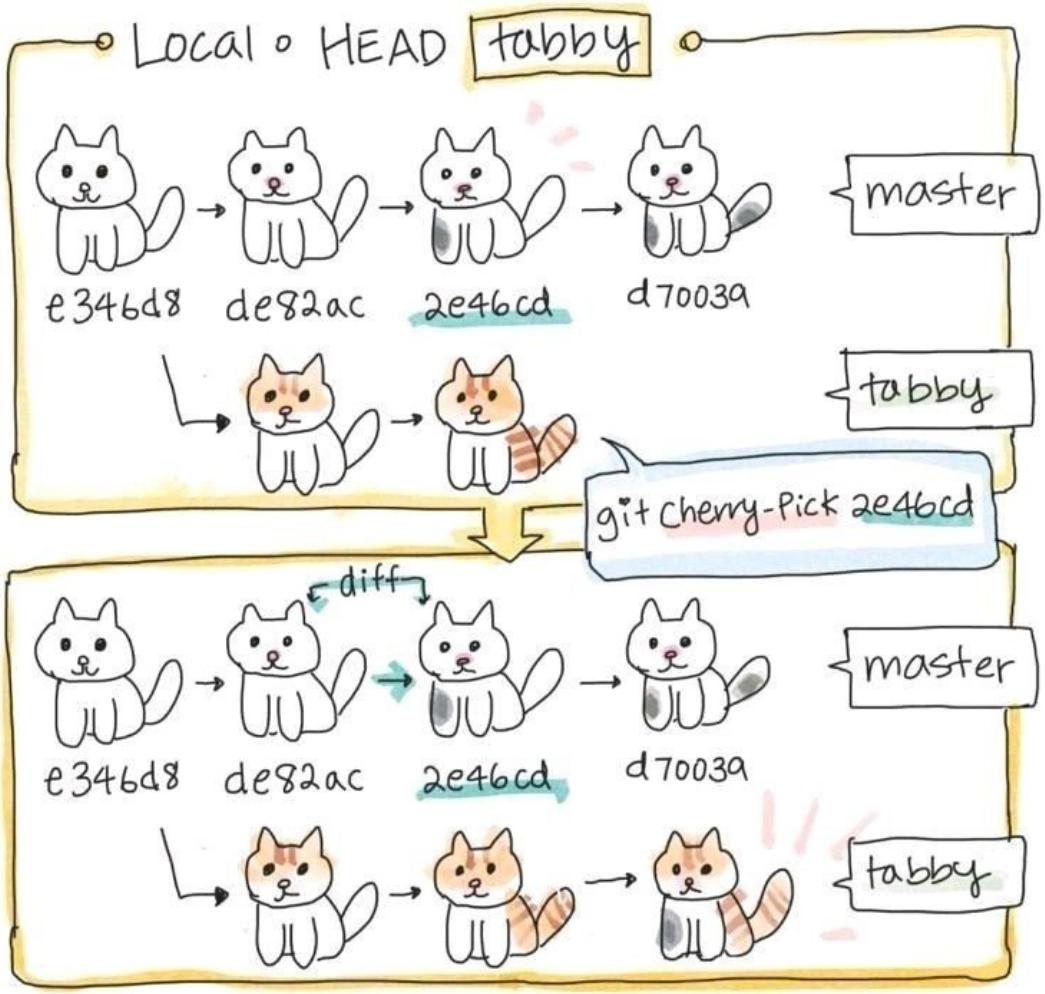
♥ git cherry-pick lets you grab some commits from one branch & apply it into another branch!



git log

♥ git log lets you view the commit history

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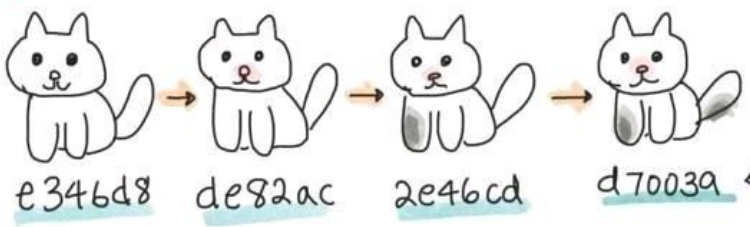


♥ git log prints out

```
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 :
....
```

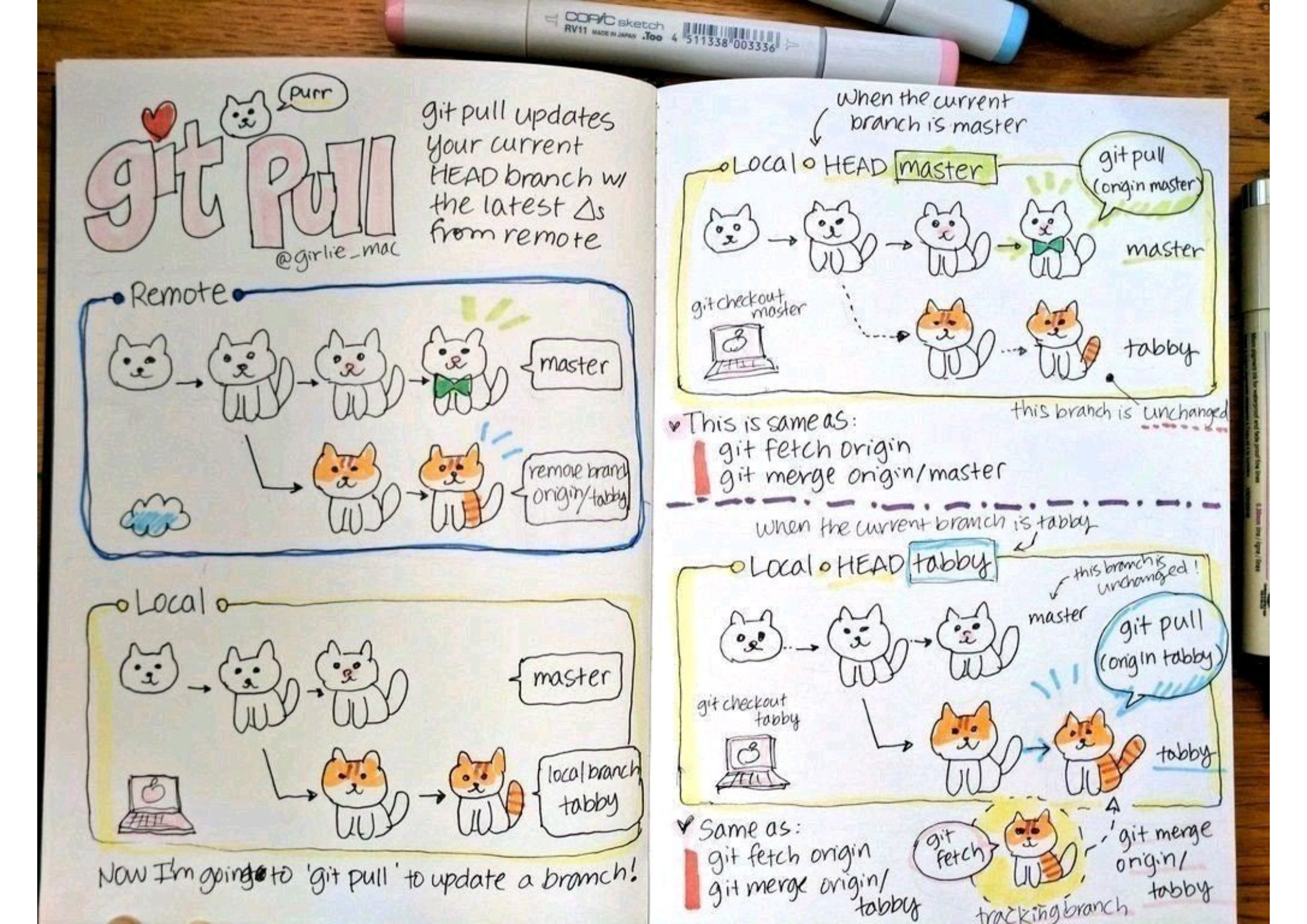
git cherry-pick

this SHA into the tabby branch

Simpler log with:

♥ git log --oneline

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

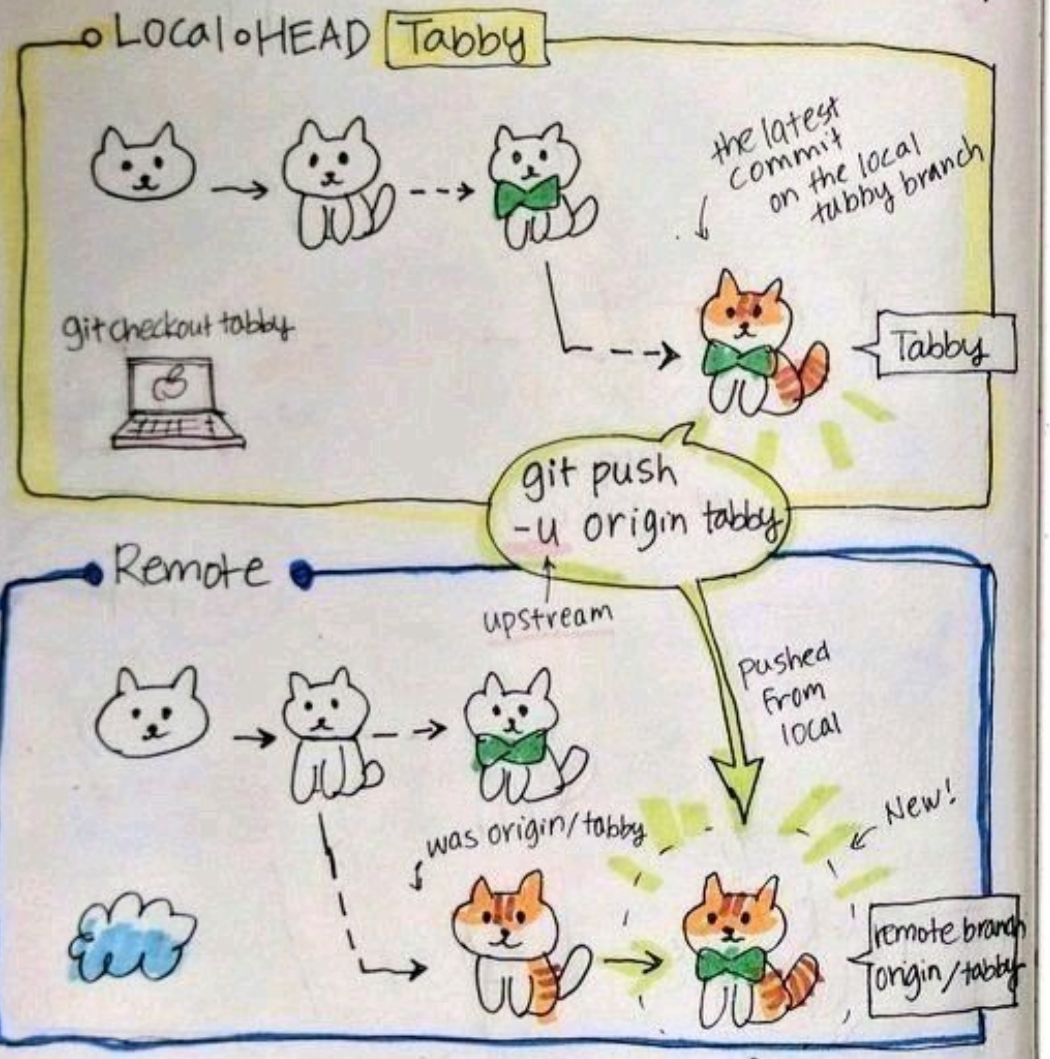

purr
git Pull
@girlie_mac
git pull updates your current HEAD branch w/ the latest Δs from remote
Remote
master
remote branch origin/tabby
Local
master
local branch tabby
Now I'm going to 'git pull' to update a branch!
When the current branch is master
Local HEAD master
git pull (origin master)
master
git checkout master
tabby
this branch is unchanged
This is same as:
git fetch origin
git merge origin/master
When the current branch is tabby
Local HEAD tabby
this branch is unchanged!
master
git pull (origin tabby)
git checkout tabby
tabby
Same as:
git fetch origin
git merge origin/tabby
git fetch
git merge origin/tabby
tracking branch

git Push

puss

@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-forward merge.
  just ignore + push!

- `git push --all <remote>`

  push all of your local branches!