

topicus@
github
SOCIAL CODING





AGENDA

- Subversion †
- Literatuur
- Git
- Eclipse



subversion

G I +

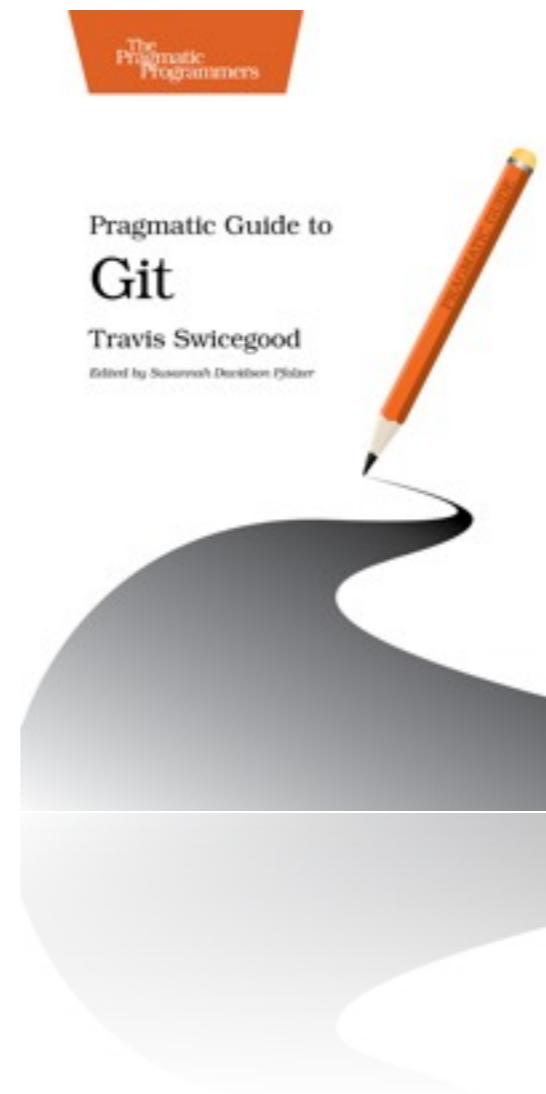
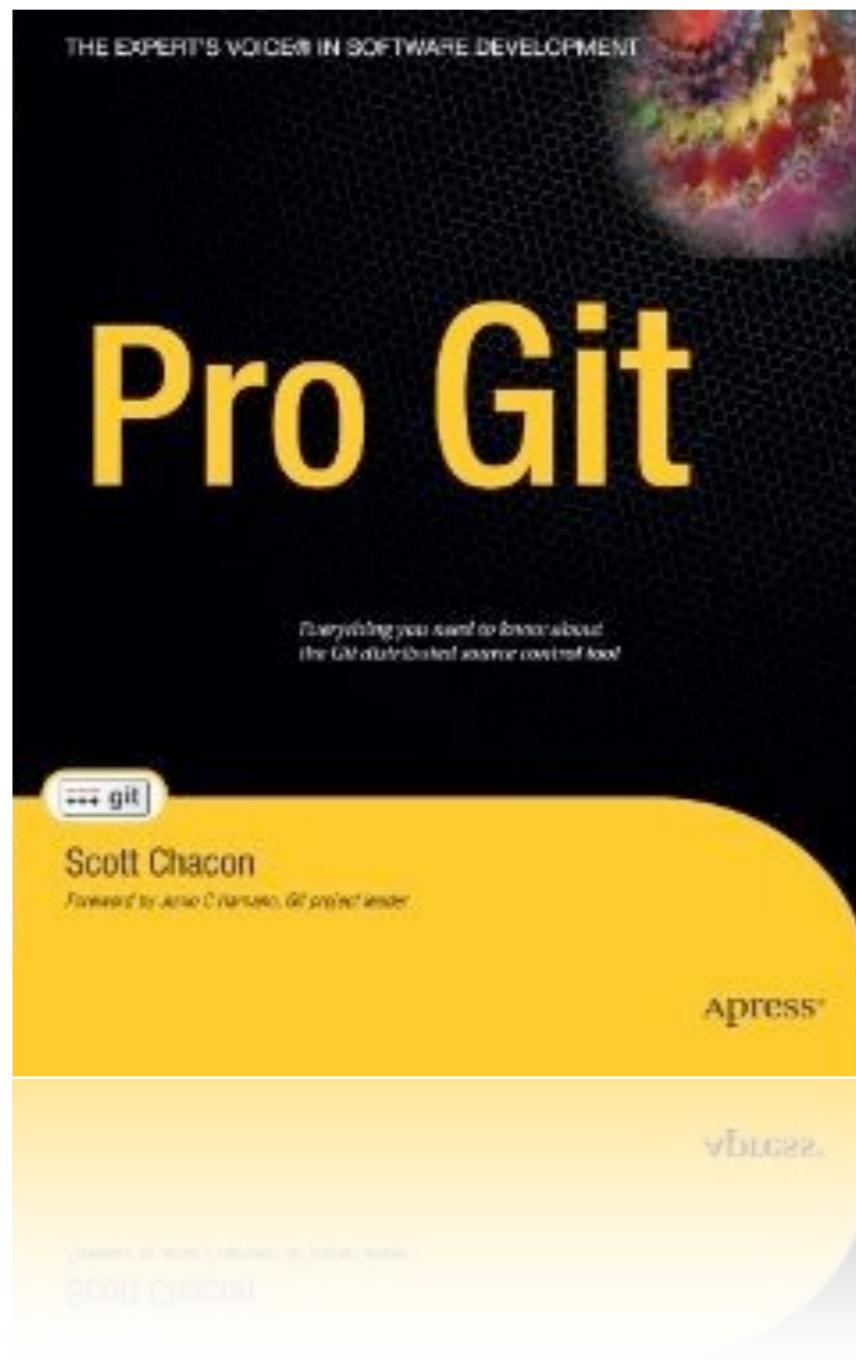
Scott Chacon

Bedankt!



Literatuur

Literatuur



Websites

- <http://progit.org>
- <http://git-scm.com>
- <http://gitcasts.com>
- <http://topicusonderwijs.github.com>

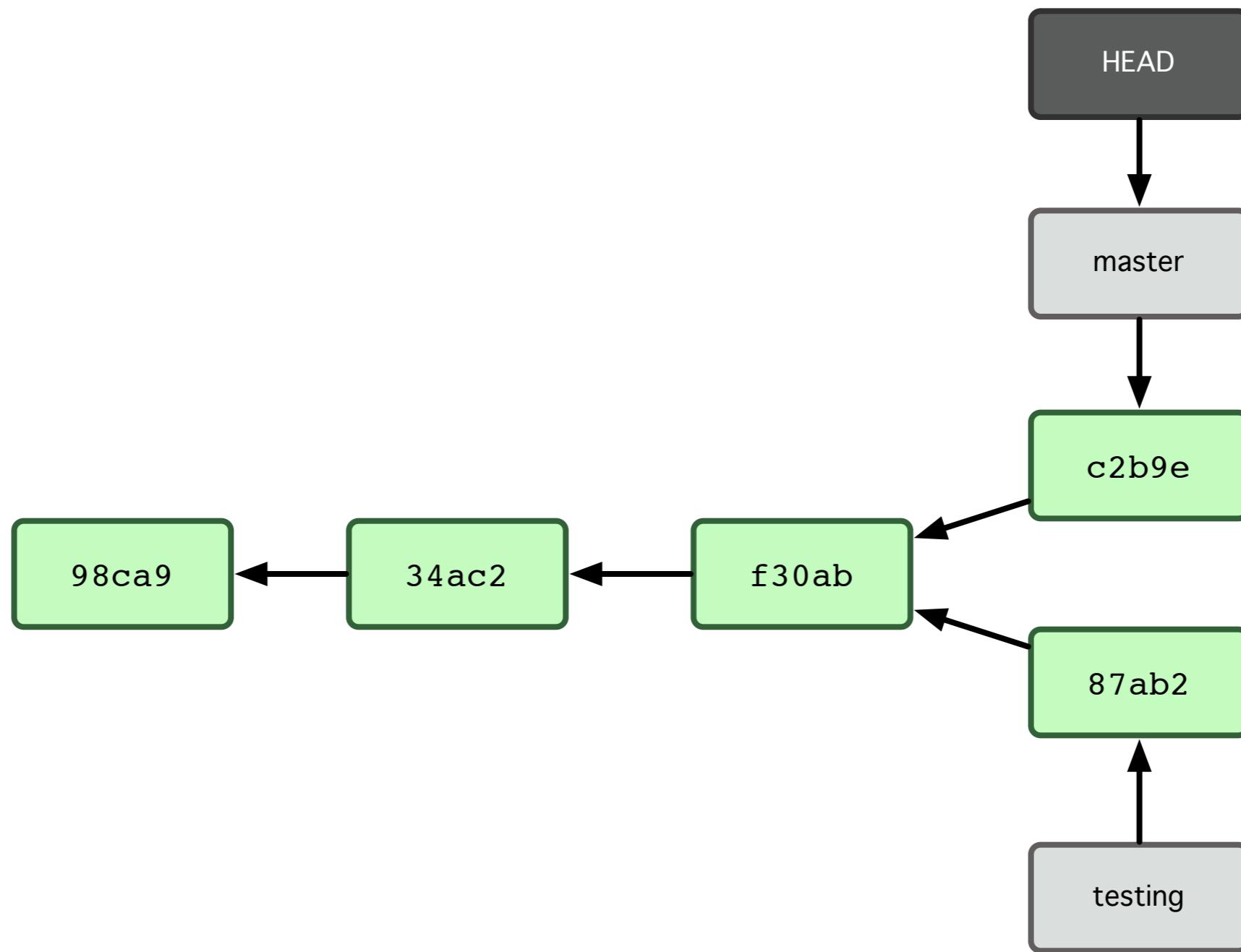
git



OMGWTFBBQGIT

- Commits
- Staging
- Branches
- Remotes
- Remote branches
- Merging
- Rebasing
- Cherry-picking
- Stashing

Diagrammen 101



A Basic Workflow

A Basic Workflow

Edit files

Stage the changes

Review your changes

Commit the changes

working directory

index

repository

working directory

a working copy
of your project

index

repository

working directory

index

object database

repository

working directory

index

“staging”

repository

A Basic Workflow

Edit files

Stage the changes

Review your changes

Commit the changes

\$

\$ find .

```
$ find .  
./app.yaml  
./index.yaml  
./main.py
```

\$

```
$ vim main.py
```

```
$ vim main.py
```

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hello world!')

    def main():
        application = webapp.WSGIApplication([(('/', MainHandler)],
                                              debug=True)
        wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
~
~
"main.py" 16L, 402C
```

```
$ vim main.py
```

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hello world!')

    def main():
        application = webapp.WSGIApplication([(('/', MainHandler)],
                                              debug=True)
        wsgiref.handlers.CGIHandler().run(application)

    if __name__ == '__main__':
        main()
~  
~  
"main.py" 16L, 402C
```

```
$ git status
```

```
$ git status
```

```
# On branch master
```

```
# Changed but not updated:
```

```
#   (use "git add <file>..." to update what
```

```
#
```

```
# modified:    main.py
```

```
#
```

```
no changes added to commit (use "git add" and
```

```
$ git status
```

```
# On branch master
```

```
# Changed but not updated:
```

```
#   (use "git add <file>..." to update what
```

```
#
```

```
# modified:    main.py
```

```
#
```

```
no changes added to commit (use "git add" and
```

```
$ git status
```

```
# On branch master
```

```
# Changed but not updated:
```

```
#   (use "git add <file>..." to update what
```

```
#
```

```
# modified:    main.py
```

```
#
```

```
no changes added to commit (use "git add" and
```

```
$ git status
```

```
# On branch master
```

```
# Changed but not STAGED:
```

```
#   (use "git add <file>..." to update what
```

```
#
```

```
# modified:    main.py
```

```
#
```

```
no changes added to commit (use "git add" and
```

A Basic Workflow

Edit files

Stage the changes

Review your changes

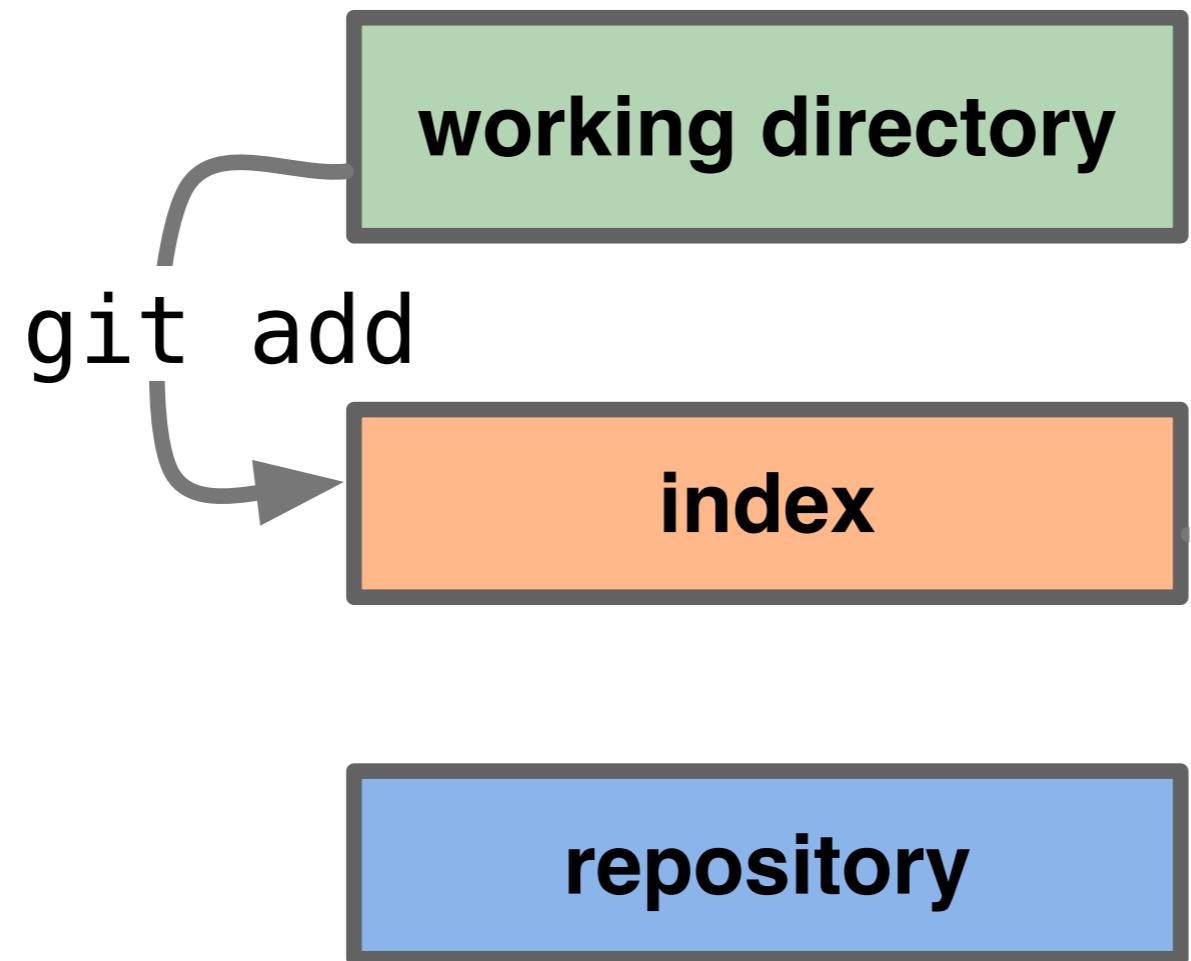
Commit the changes

git add

working directory

index

repository



\$

```
$ git add main.py
```

```
$ git add main.py
$ git status
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>
#
# modified:    main.py
#
```

```
$ git add main.py
$ git status
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>
#
# modified:    main.py
#
```

```
$ git add main.py
$ git status
# On branch master
# Changes THAT ARE STAGED :
#   (use "git reset HEAD <file>
#
# modified:    main.py
#
```

\$

```
$ vim app.yaml
```

```
$ vim app.yaml
```

```
application: chacon
version: 1
runtime: python
api_version: 1
```

```
handlers:
- url: .*
  script: main.py
```

```
~
```

```
~
```

```
~
```

```
"app.yaml" 8L, 101C
```

```
$ vim app.yaml
```

```
application: chacon
```

```
version: █
```

```
runtime: python
```

```
api_version: 1
```

```
handlers:
```

```
- url: .*
```

```
  script: main.py
```

```
~
```

```
~
```

```
~
```

```
"app.yaml" 8L, 101C
```

```
$ vim app.yaml
```

```
application: chacon
version: 2
runtime: python
api_version: 1
```

```
handlers:
- url: .*
  script: main.py
```

```
~
```

```
~
```

```
~
```

```
"app.yaml" 8L, 101C
```

\$

```
$ git status
```

```
$ git status
```

```
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
# modified:   main.py
#
# Changed but not updated:
#   (use "git add <file>..." to update what will be com
#
# modified:   app.yaml
#
```

\$

```
$ vim main.py
```

```
$ vim main.py
```

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hello world!')

def main():
    application = webapp.WSGIApplication(['/'], MainHandler),
                                         debug=True)
    wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
~
```

```
$ vim main.py
```

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hola █ orld!')

def main():
    application = webapp.WSGIApplication([('/', MainHandler)],
                                          debug=True)
    wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
~
~
"main.py" 16L, 402C
```

```
$ vim main.py
```

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hola Mundo')

def main():
    application = webapp.WSGIApplication(['/'], MainHandler),
                                         debug=True)
    wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
~  
~  
"main.py" 16L, 402C
```

\$

```
$ git status
```

```
$ git status
```

```
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
# modified:   main.py
#
# Changed but not updated:
#   (use "git add <file>..." to update what will be com
#
# modified:   app.yaml
# modified:   main.py
#
```

\$ git status

```
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
# modified:   main.py
#
# Changed but not updated:
#   (use "git add <file>..." to update what will be com
#
# modified:   app.yaml
# modified:   main.py
#
```

Staged



\$ git status

```
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
# modified:   main.py
#
# Changed but not updated:
#   (use "git add <file>..." to update what will be com
#
# modified:   app.yaml
# modified:   main.py
#
```

Unstaged



\$ git status

```
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
#       modified:   main.py
#
# Changed but not updated:
#   (use "git add <file>..." to update what will be com
#
#       modified:   app.yaml
#       modified:   main.py
#
```



Staged

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hello World!')

def main():
    application =
webapp.WSGIApplication([(' '/',
debug=True)

wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
```

In Working Directory

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hola Mundo!')

def main():
    application =
webapp.WSGIApplication([(' '/',
debug=True)

wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
```

Staged

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hello World!')

    def main():
        application =
webapp.WSGIApplication([('/' debug=True)

wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
```

In Working Directory

```
#!/usr/bin/env python
import wsgiref.handlers
from google.appengine.ext import webapp

# this program prints out 'hello world'

class MainHandler(webapp.RequestHandler):

    def get(self):
        self.response.out.write('Hola Mundo!')

    def main():
        application =
webapp.WSGIApplication([('/' debug=True)

wsgiref.handlers.CGIHandler().run(application)

if __name__ == '__main__':
    main()
```

You have to stage a file
after you edit it

You have to stage a file
after you edit it

You have to stage a file
after you edit it

\$

```
$ git add app.yaml main.py
```

```
$ git add app.yaml main.py
$ git status
# On branch master
# Changes to be committed:
#   (use "git reset HEAD <file>..." to unstage)
#
# modified:    app.yaml
# modified:    main.py
#
```

interesting tidbit

git add -p

A Basic Workflow

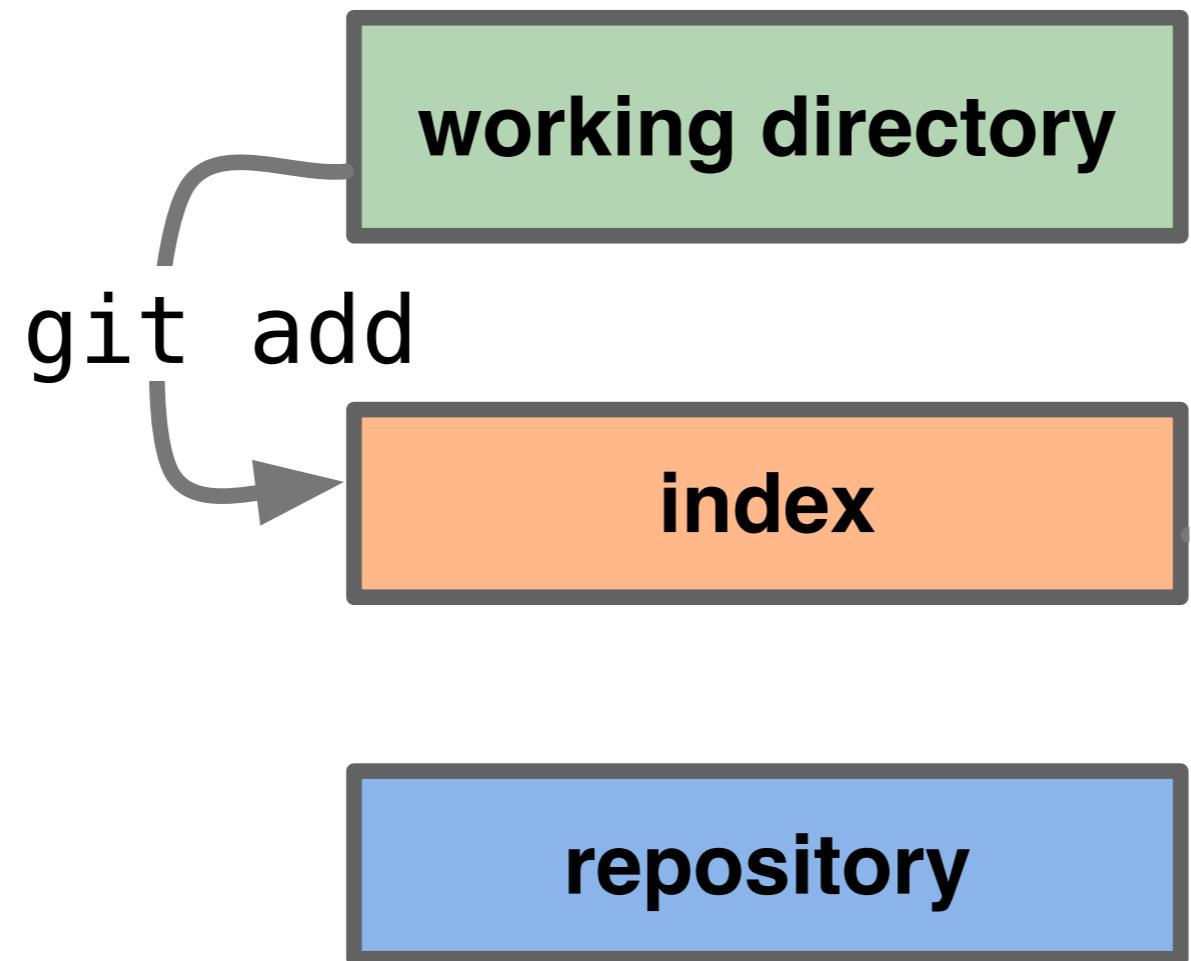
Edit files

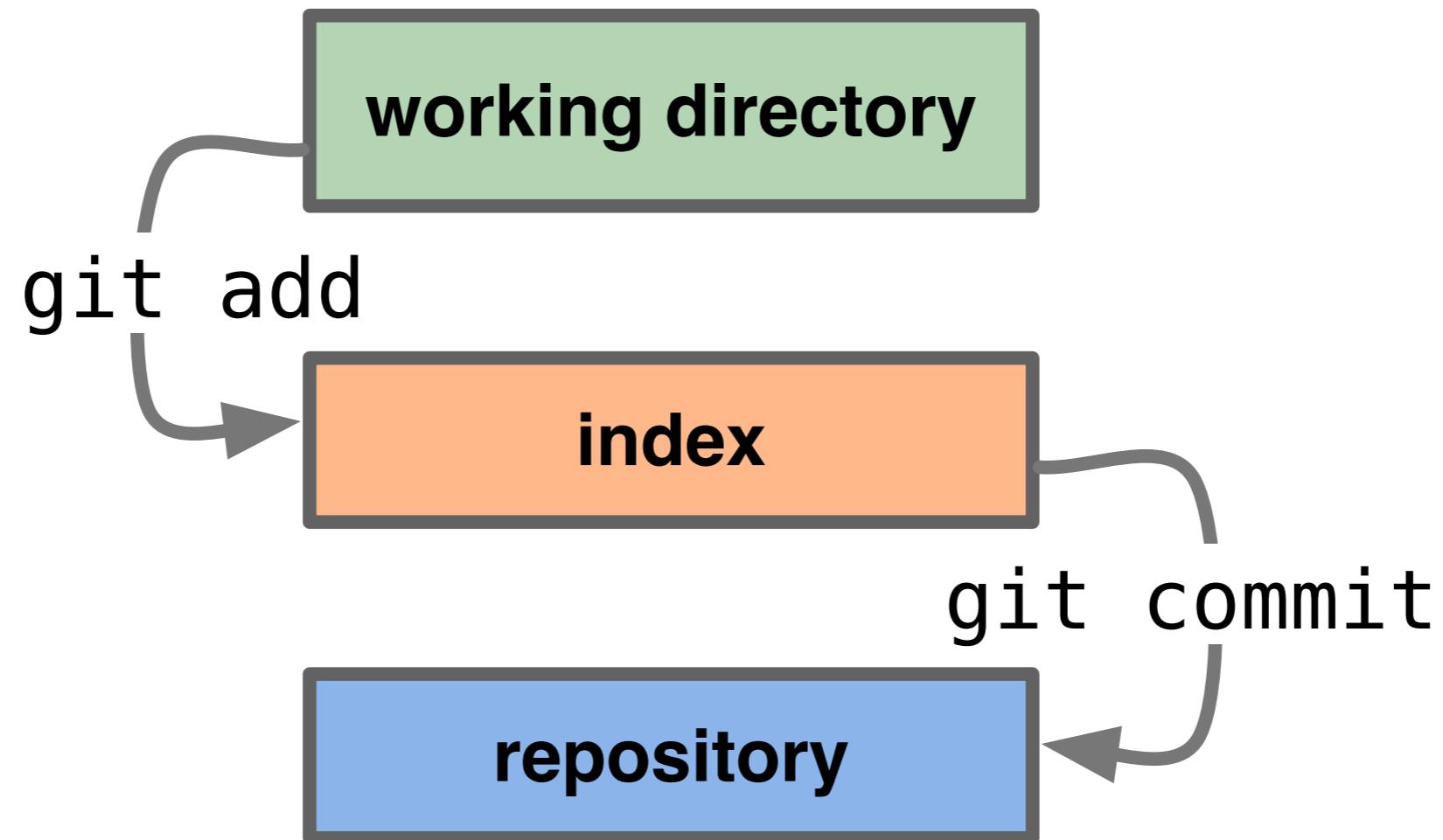
Stage the changes

Review your changes

Commit the changes

git commit





\$

```
$ git commit
```

```
$ git commit
```

\$ git commit

```
descriptive commit message █  
# Please enter the commit message for your changes. Lines starting  
# with '#' will be ignored, and an empty message aborts the commit.  
# On branch master  
# Changes to be committed:  
#   (use "git reset HEAD <file>..." to unstage)  
#  
#       modified:   app.yaml  
#       modified:   main.py  
#  
~  
~  
~  
~  
~  
".git/COMMIT_EDITMSG" 10L, 279C
```

```
$ git commit
```

```
Created commit 77d3001: descriptive commit message  
2 files changed, 4 insertions(+), 2 deletions(-)
```

A Basic Workflow

A Basic Workflow

Edit files

vim / emacs / etc

A Basic Workflow

Edit files

`vim / emacs / etc`

Stage the changes

`git add (file)`

A Basic Workflow

Edit files

`vim / emacs / etc`

Stage the changes

`git add (file)`

Review your changes

`git status`

A Basic Workflow

Edit files

`vim / emacs / etc`

Stage the changes

`git add (file)`

Review your changes

`git status`

Commit the changes

`git commit`

cheating...

A Basic Workflow

A Basic Editor Workflow

Edit files

`vim / emacs / etc`

A Basic Cerer Workflow

Edit files

`vim / emacs / etc`

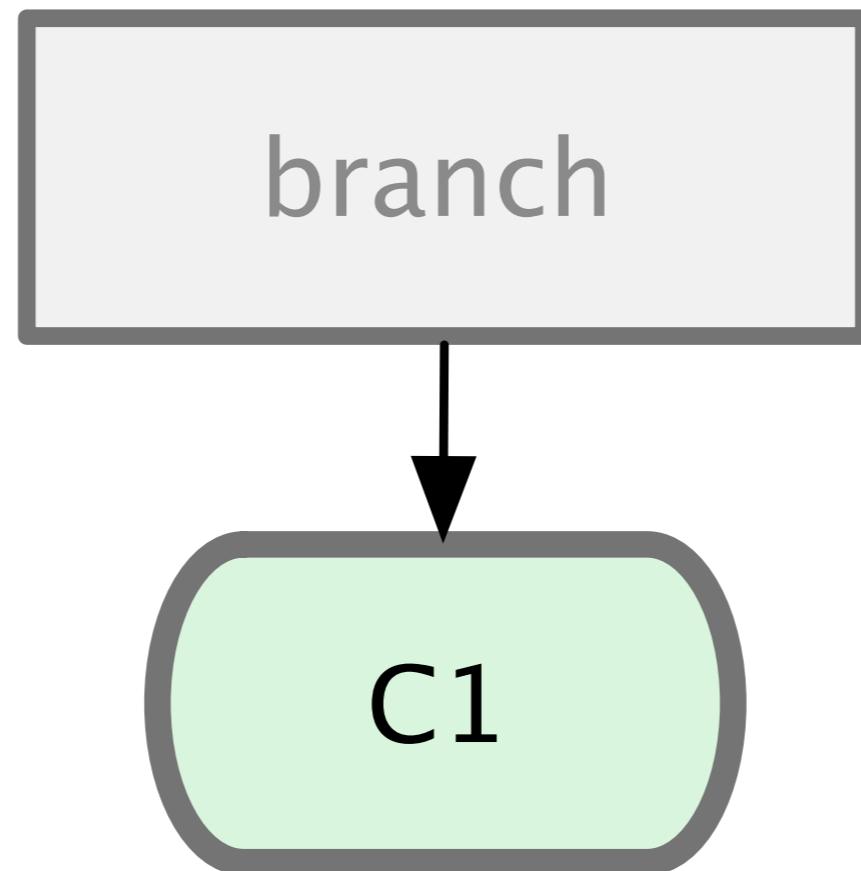
Stage & commit the changes

`git commit -a`

Branching and Merging

branches

lightweight, movable
pointers to a commit

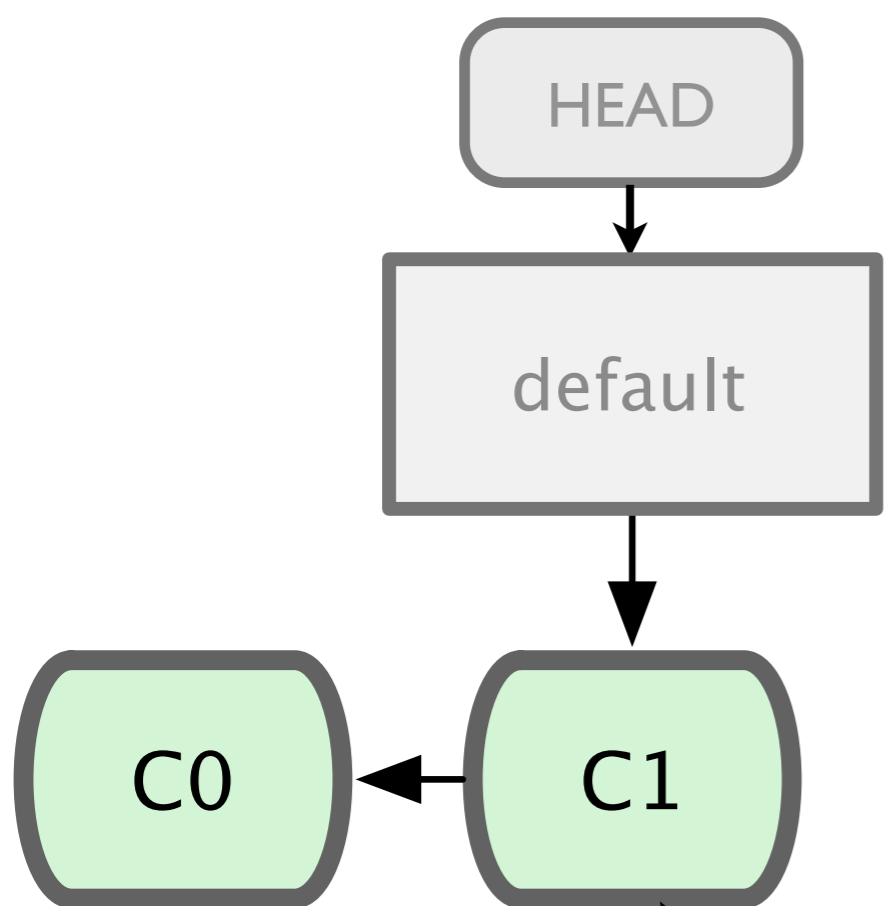


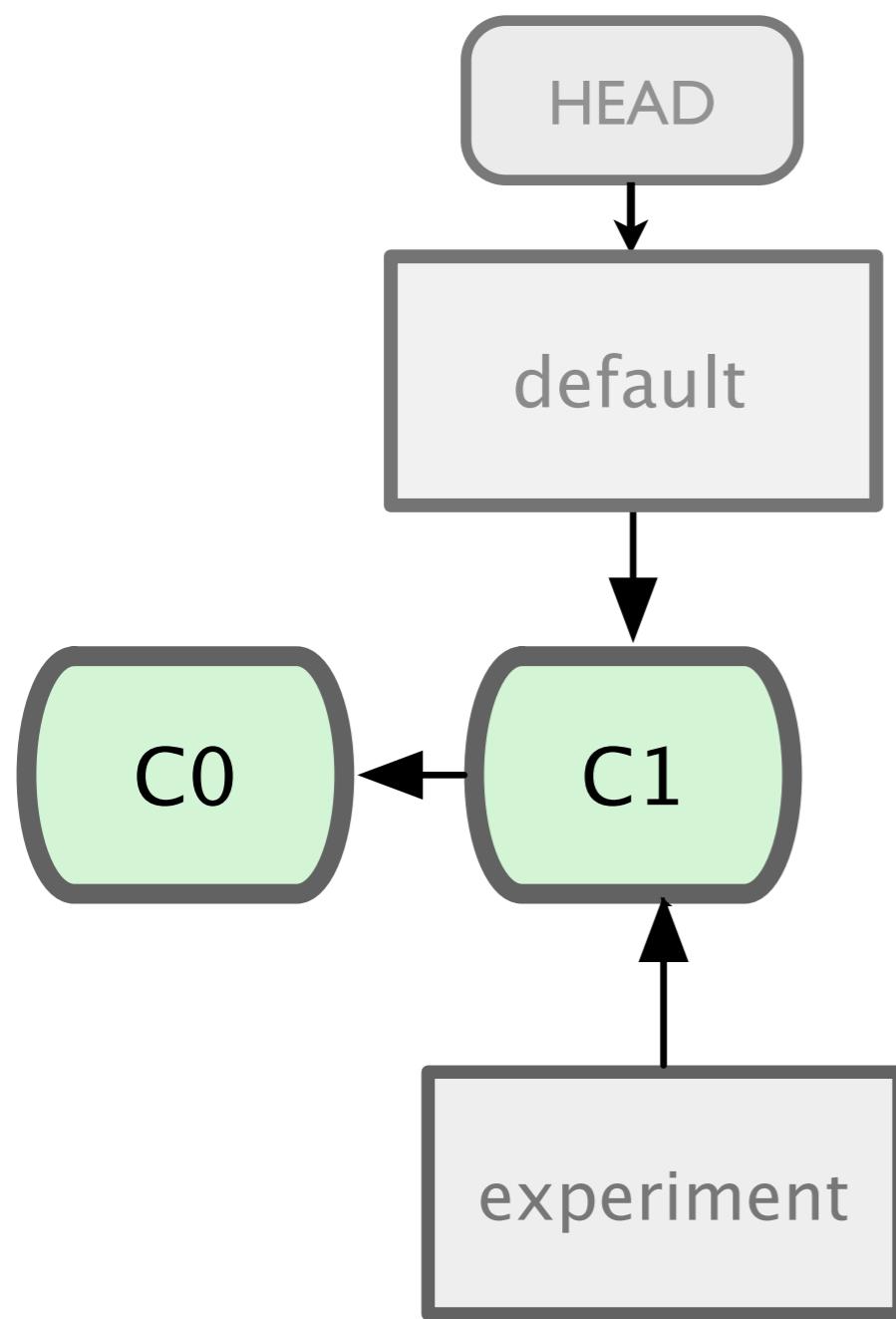
branching

git branch

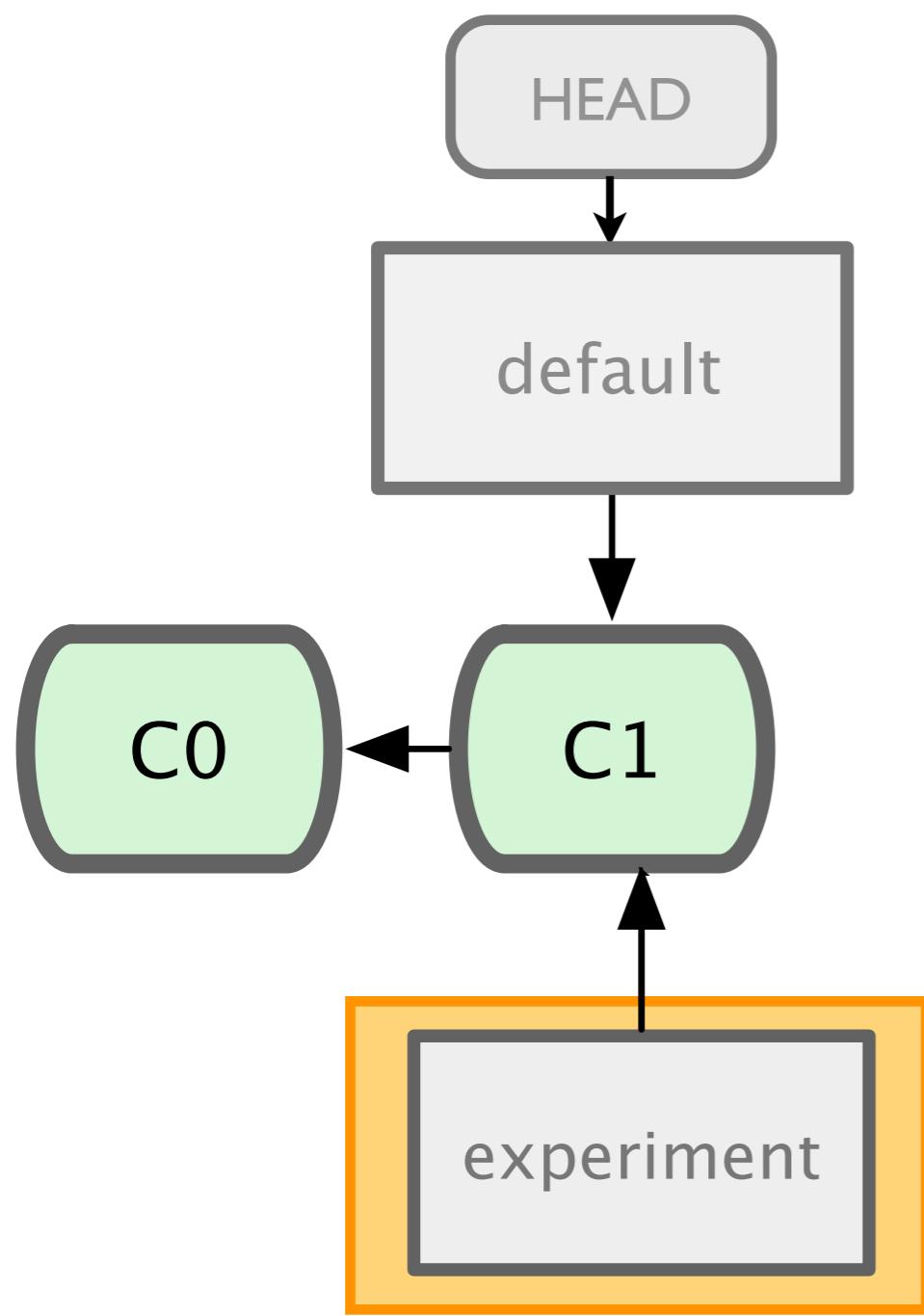
git checkout

git checkout -b

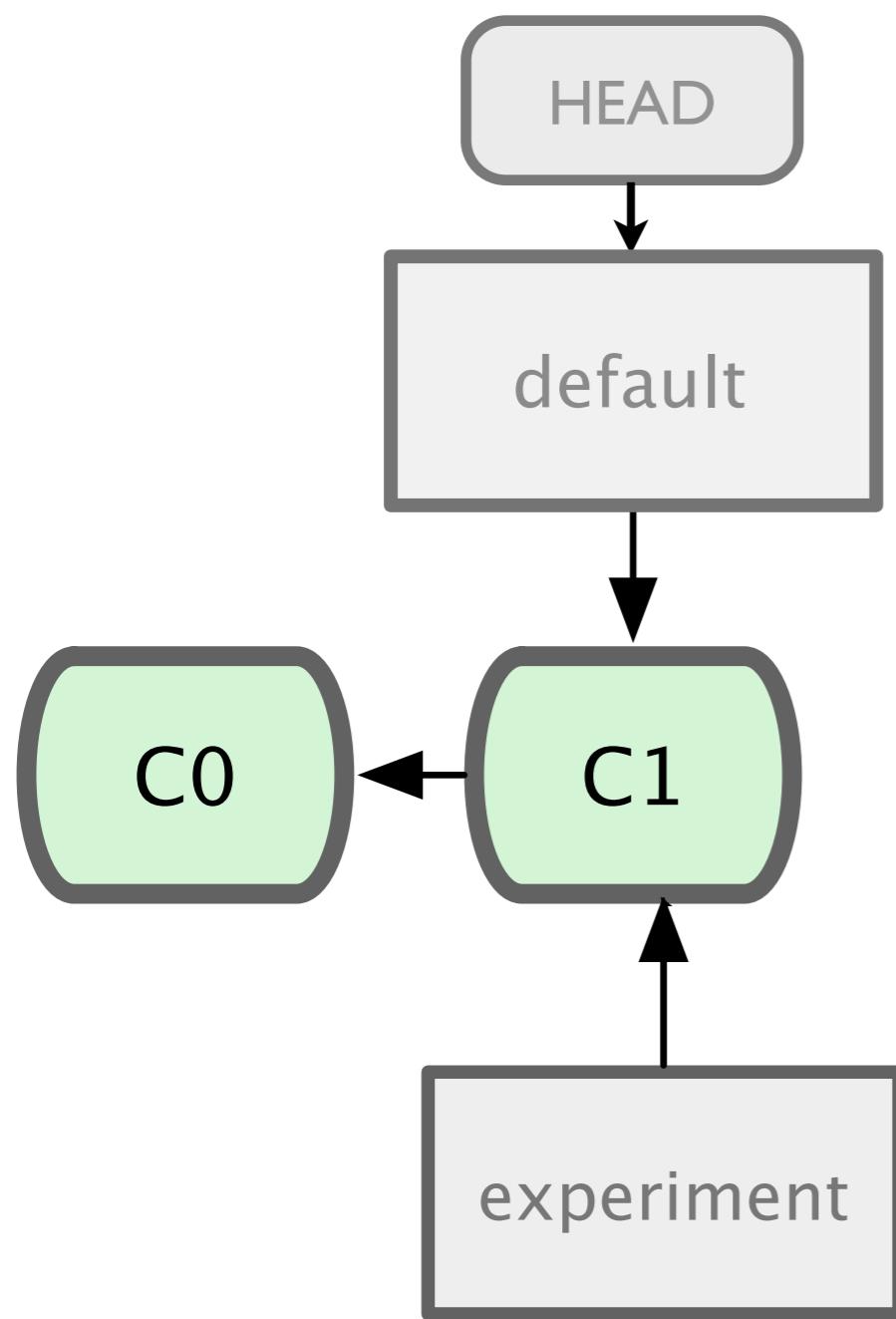




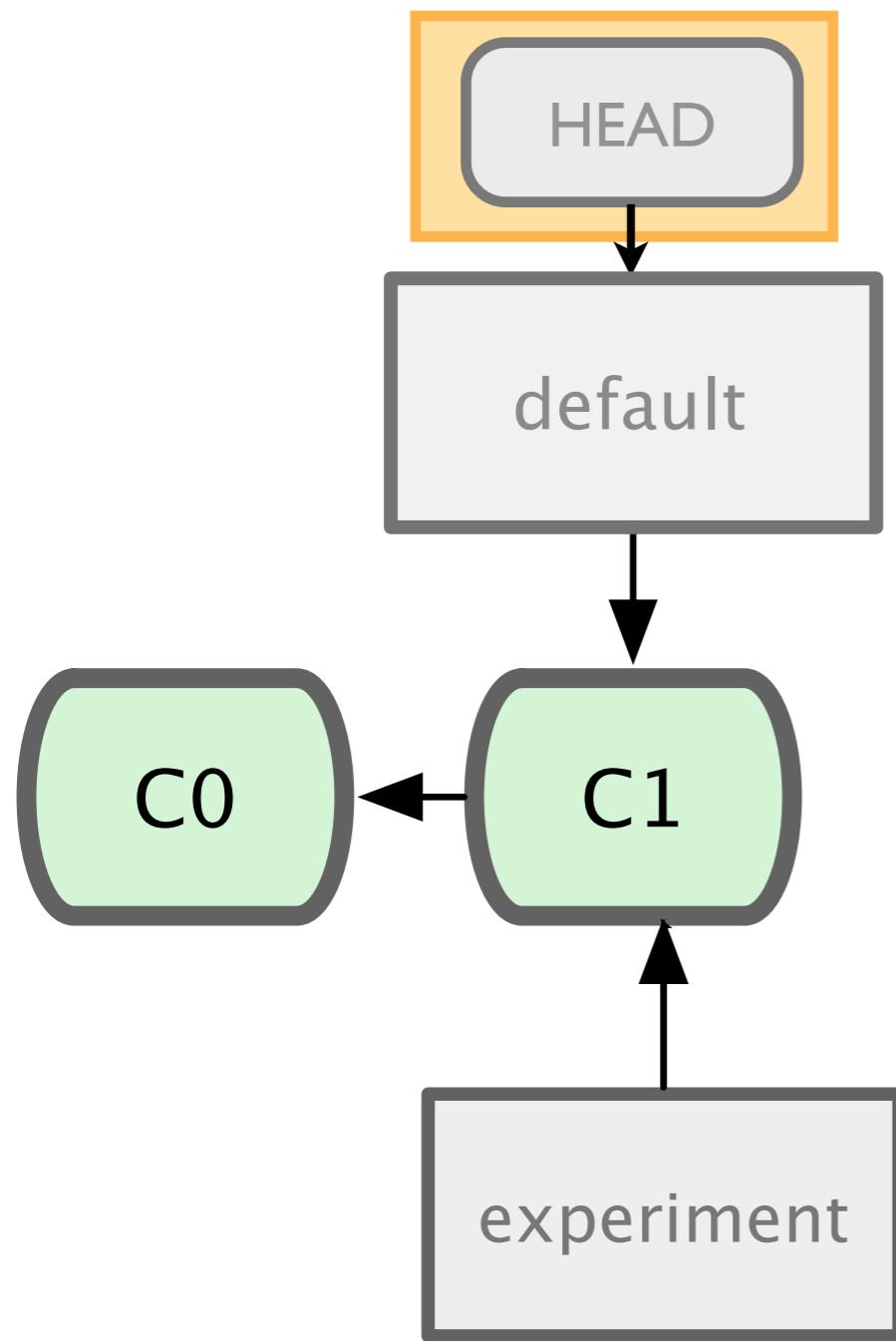
git branch experiment



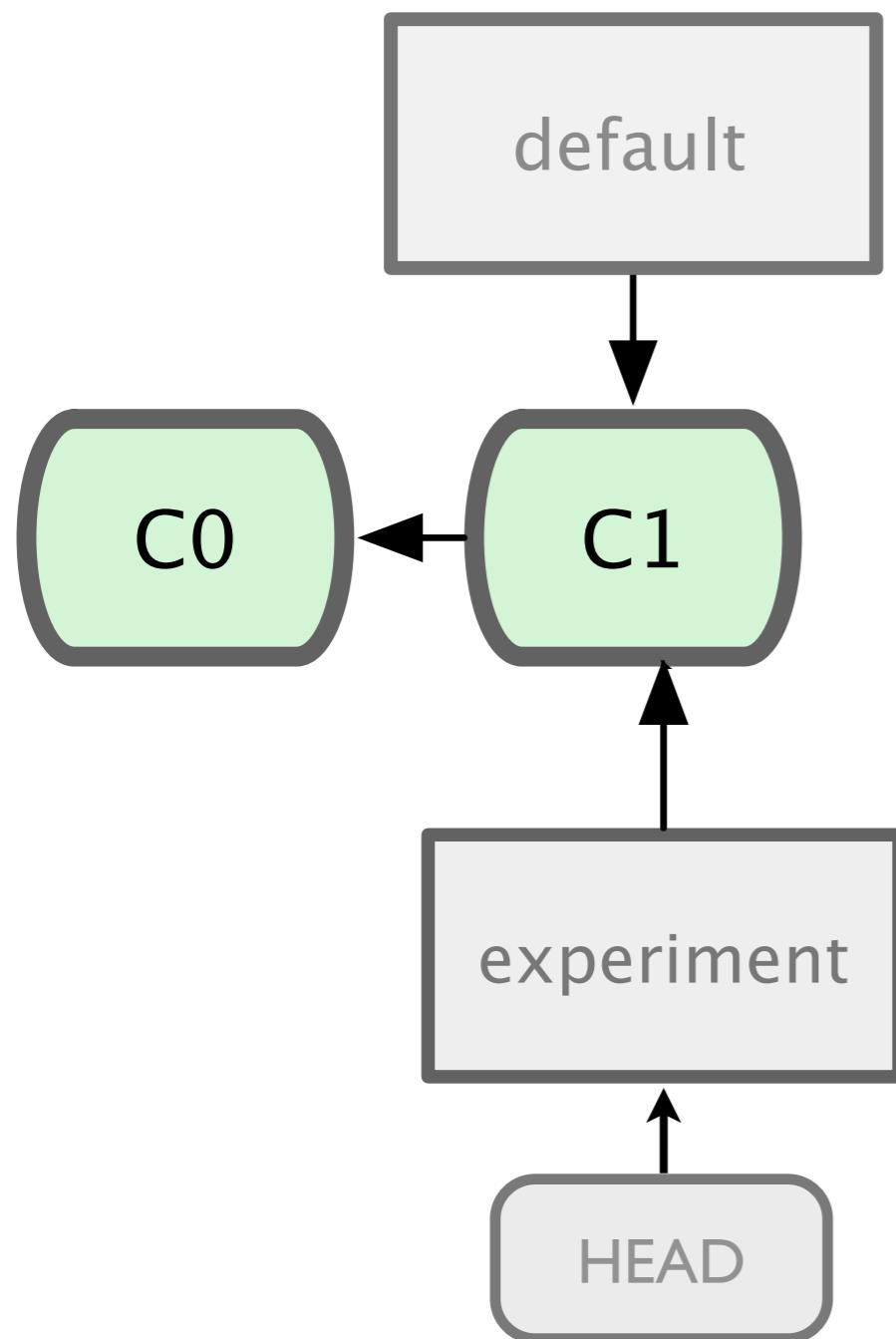
git branch experiment



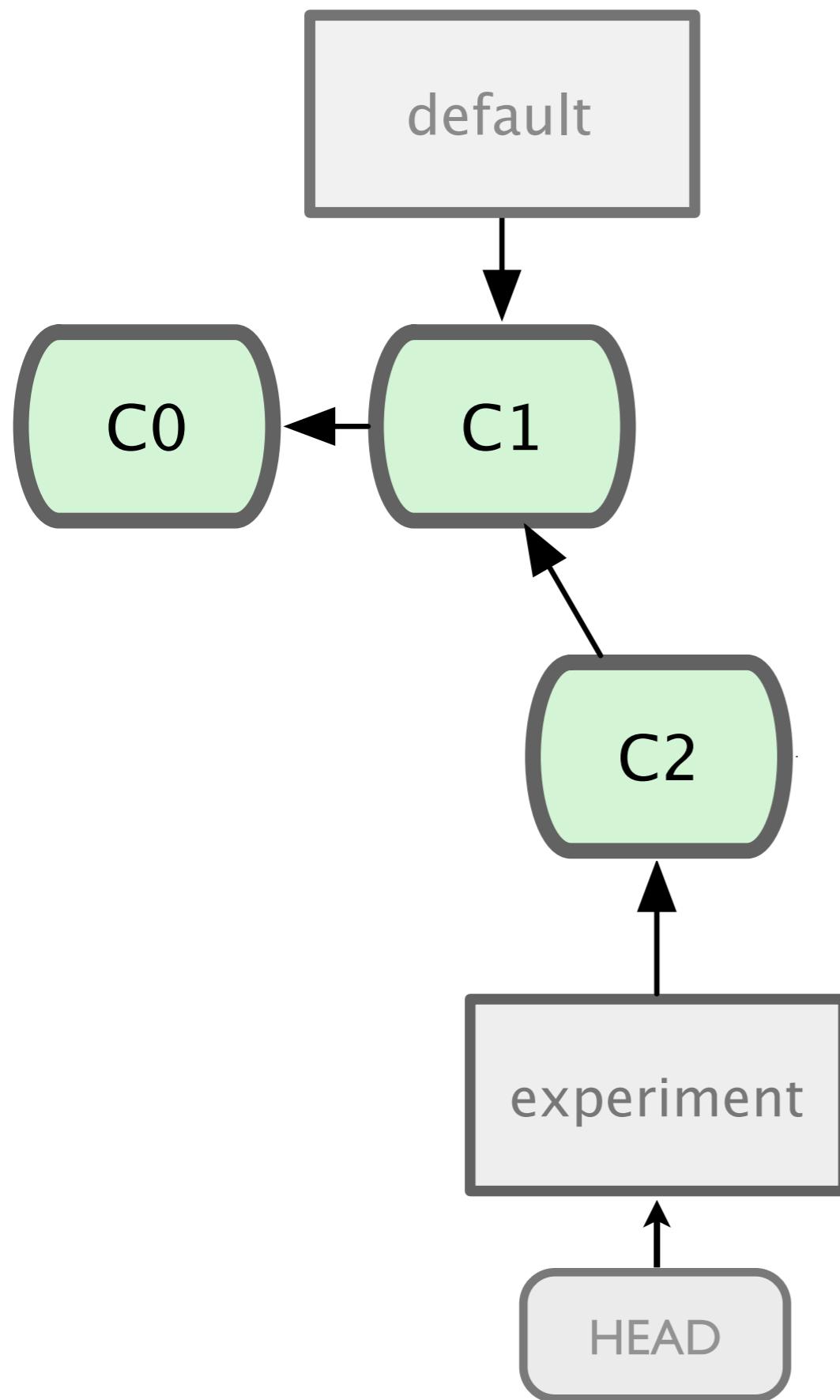
```
$ git branch  
* default  
  experiment
```



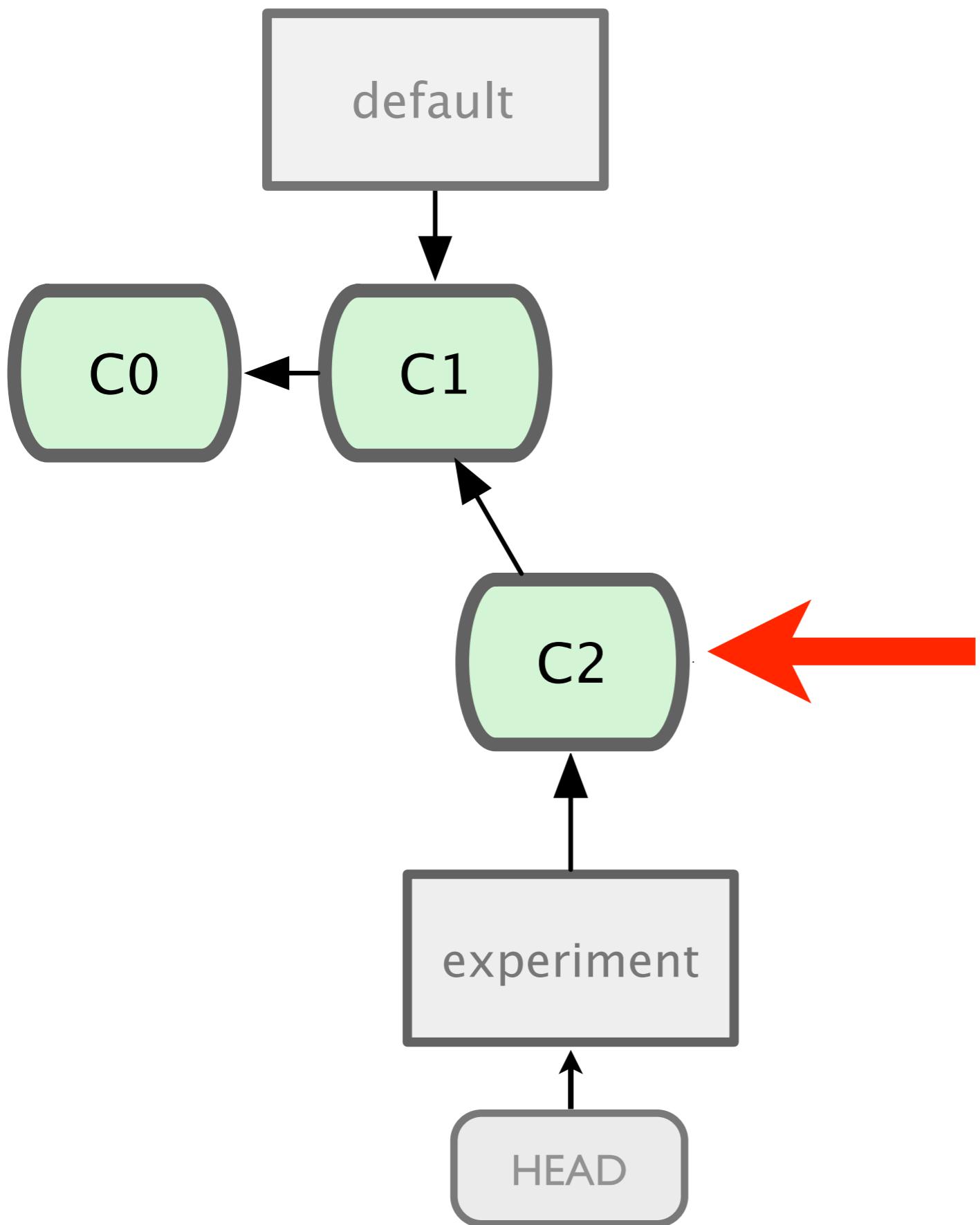
```
$ git branch  
* default  
  experiment
```



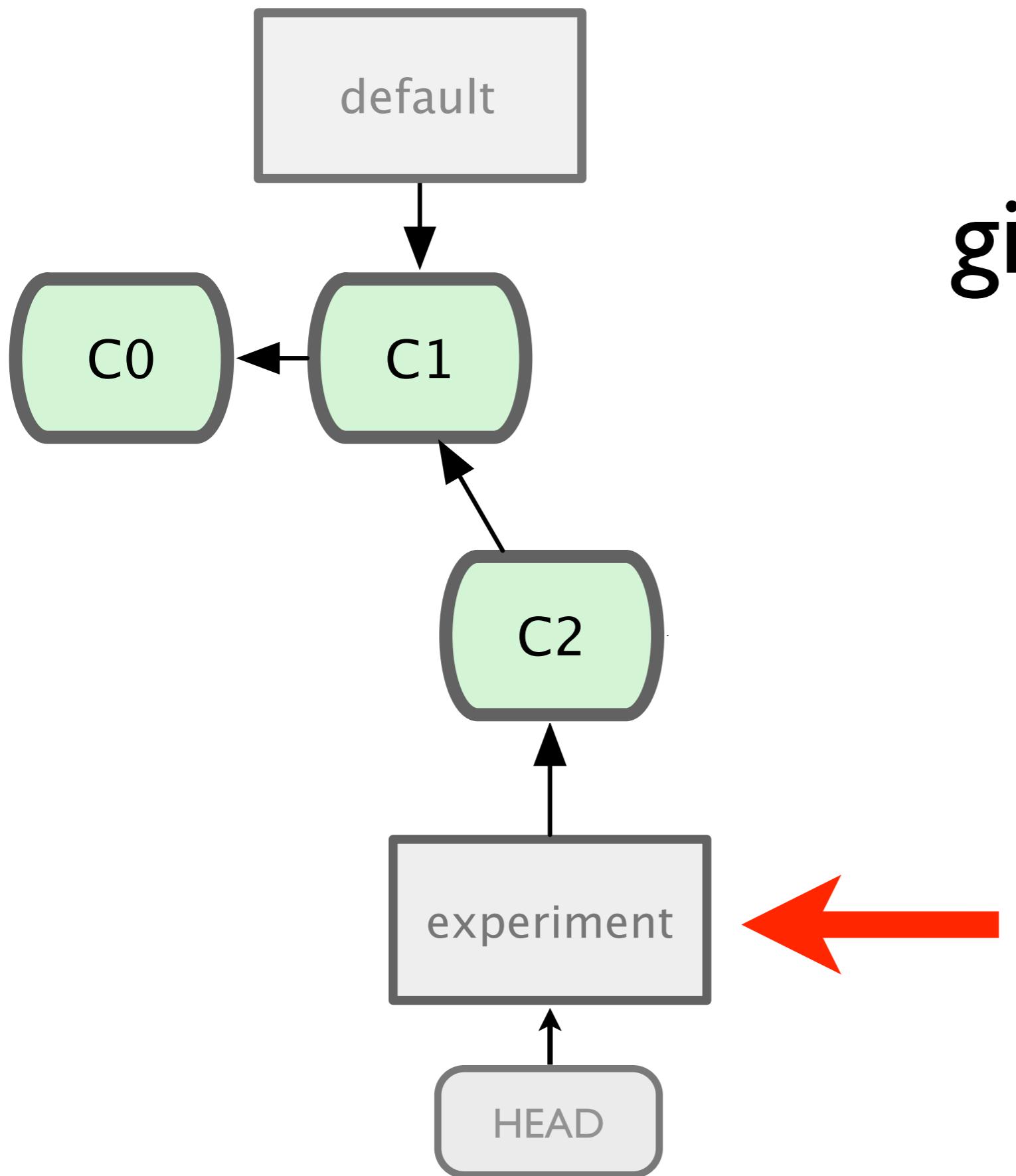
git checkout experiment



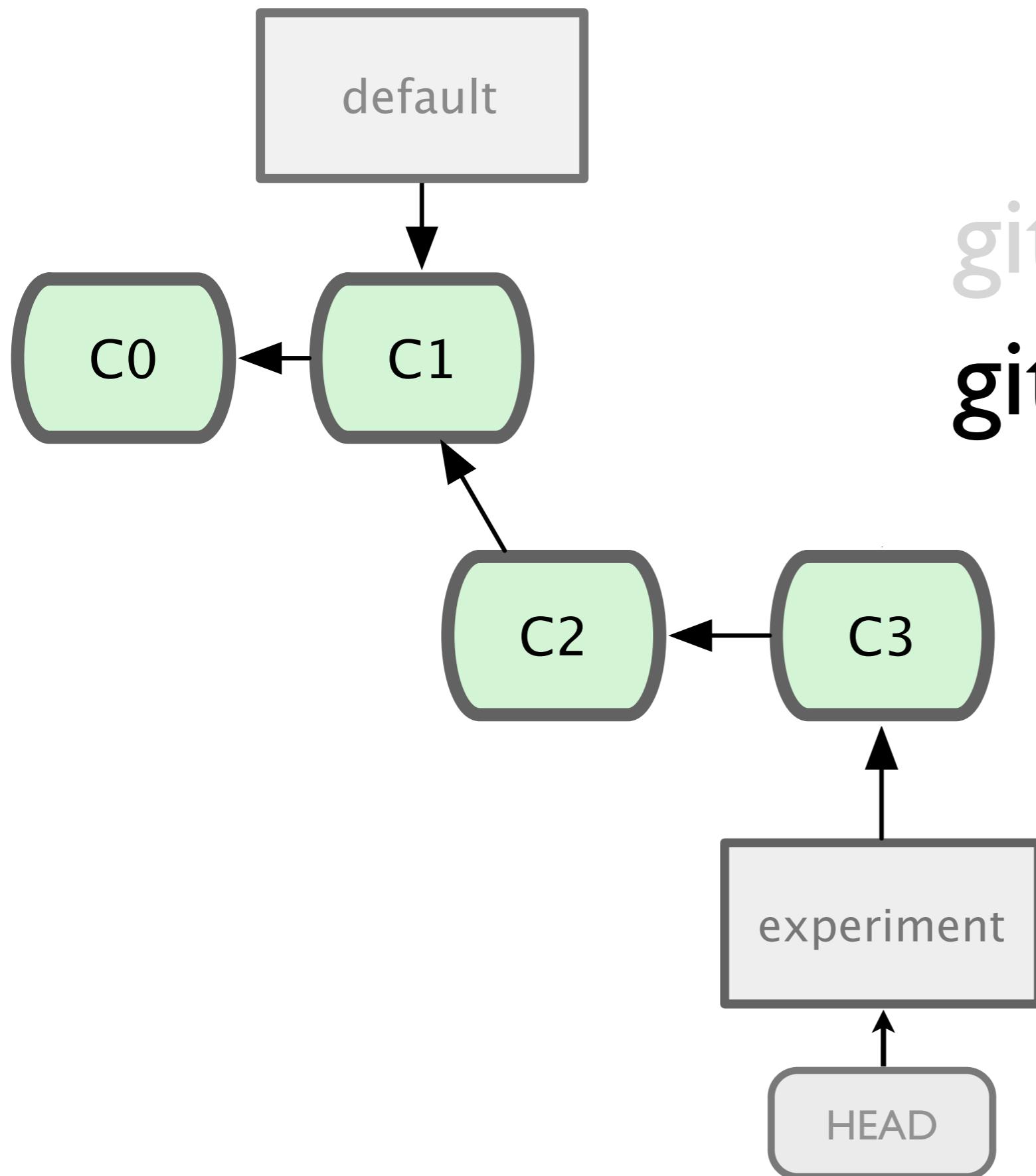
git commit



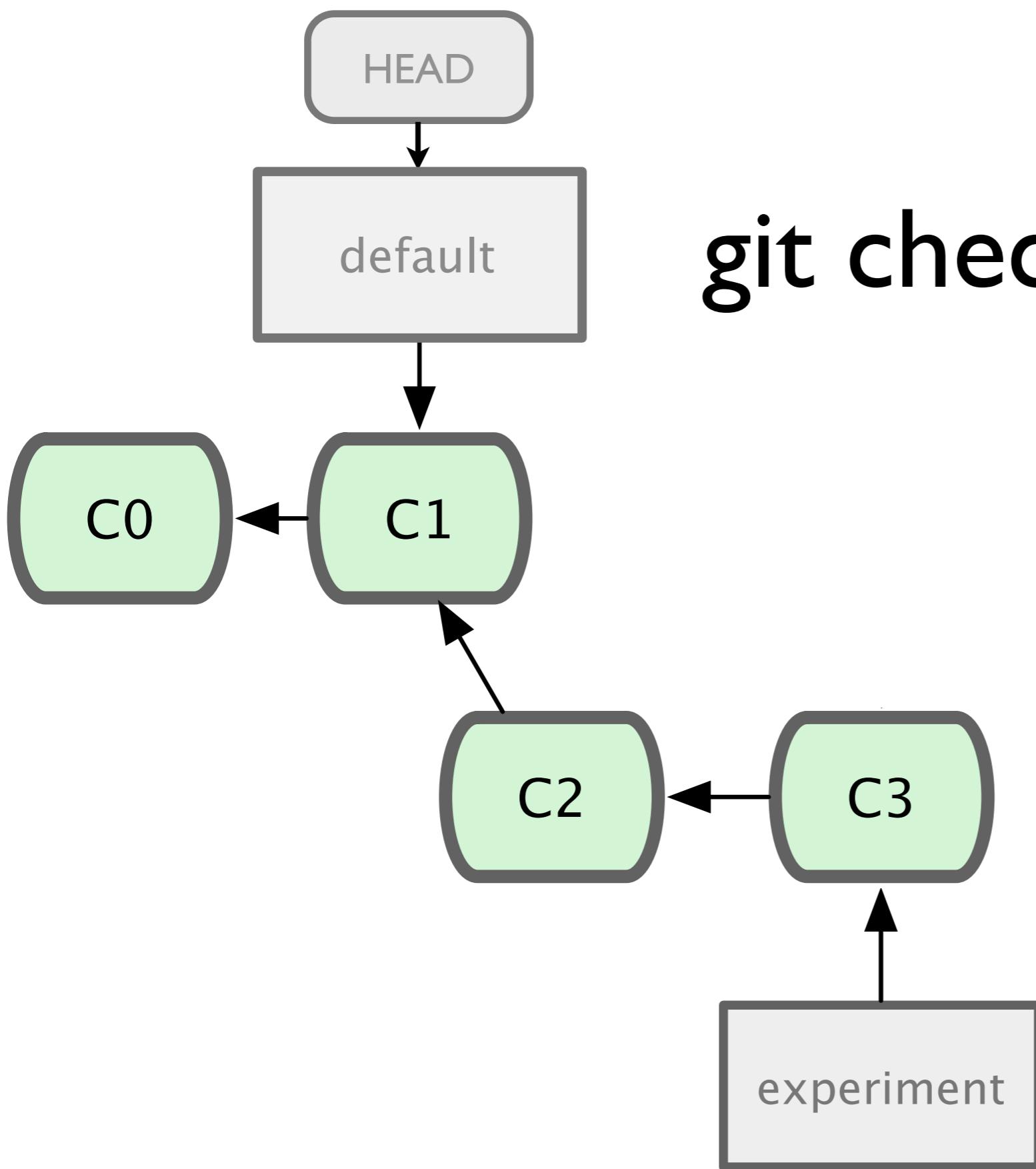
git commit



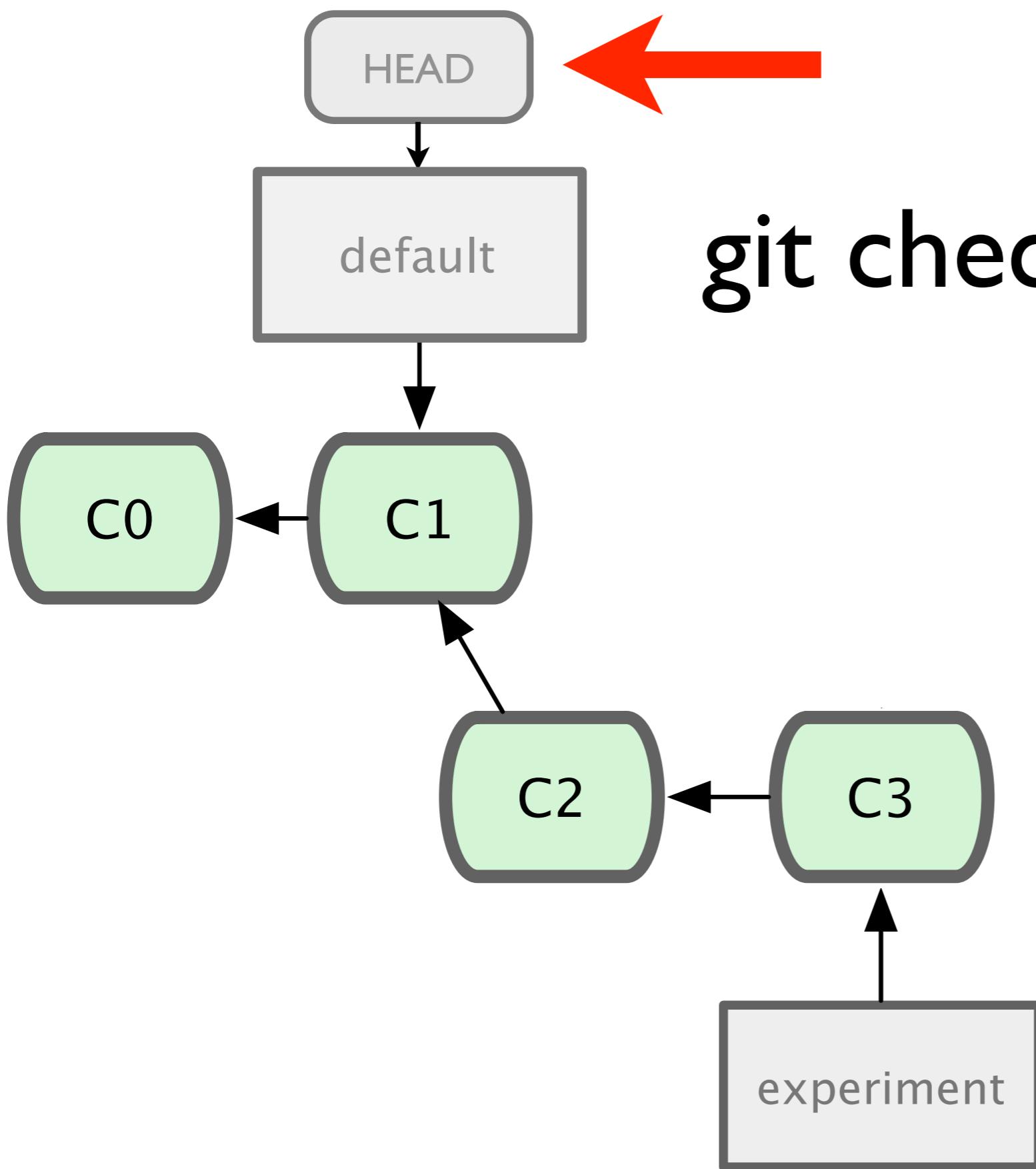
git commit



git commit
git commit

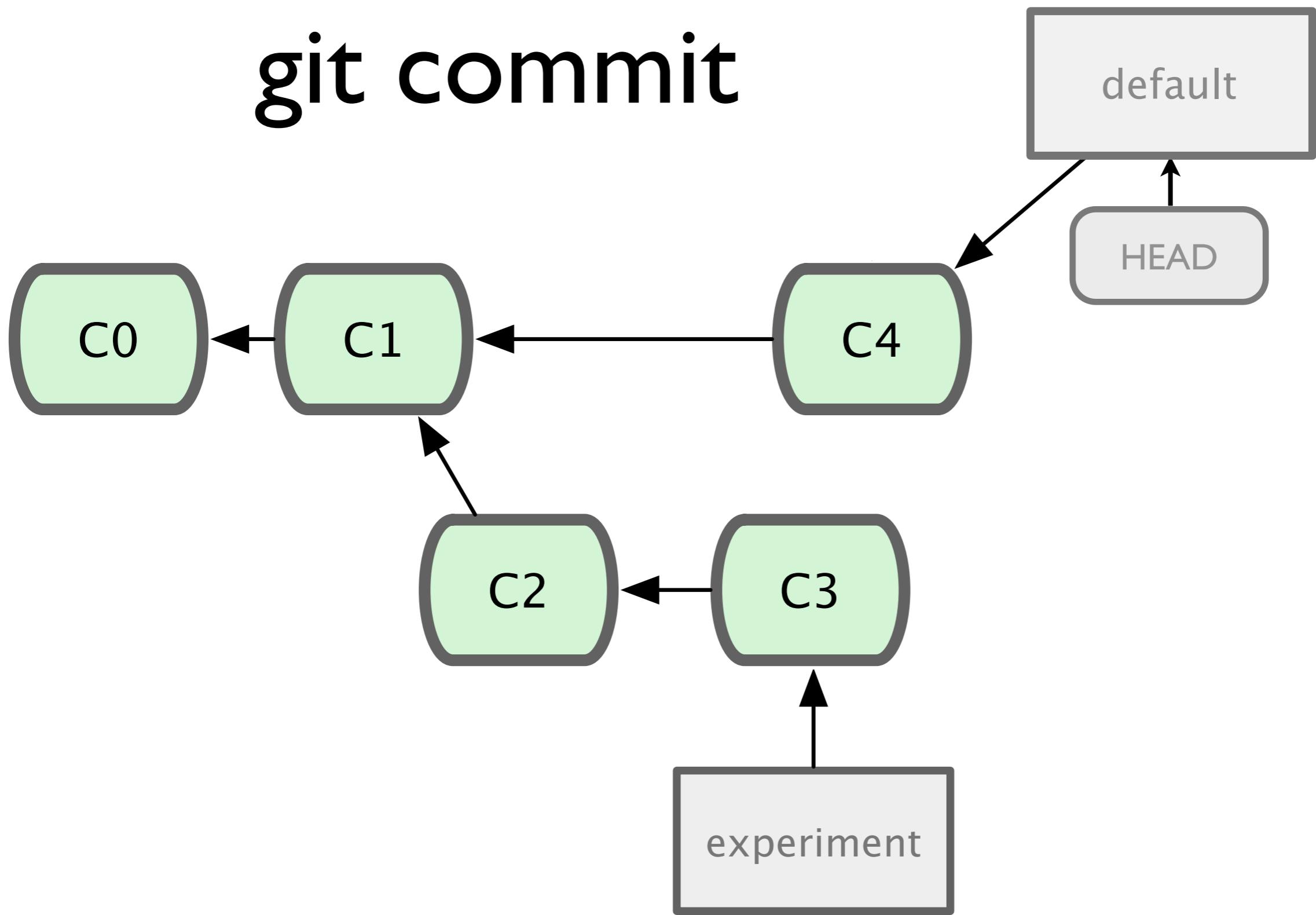


git checkout default

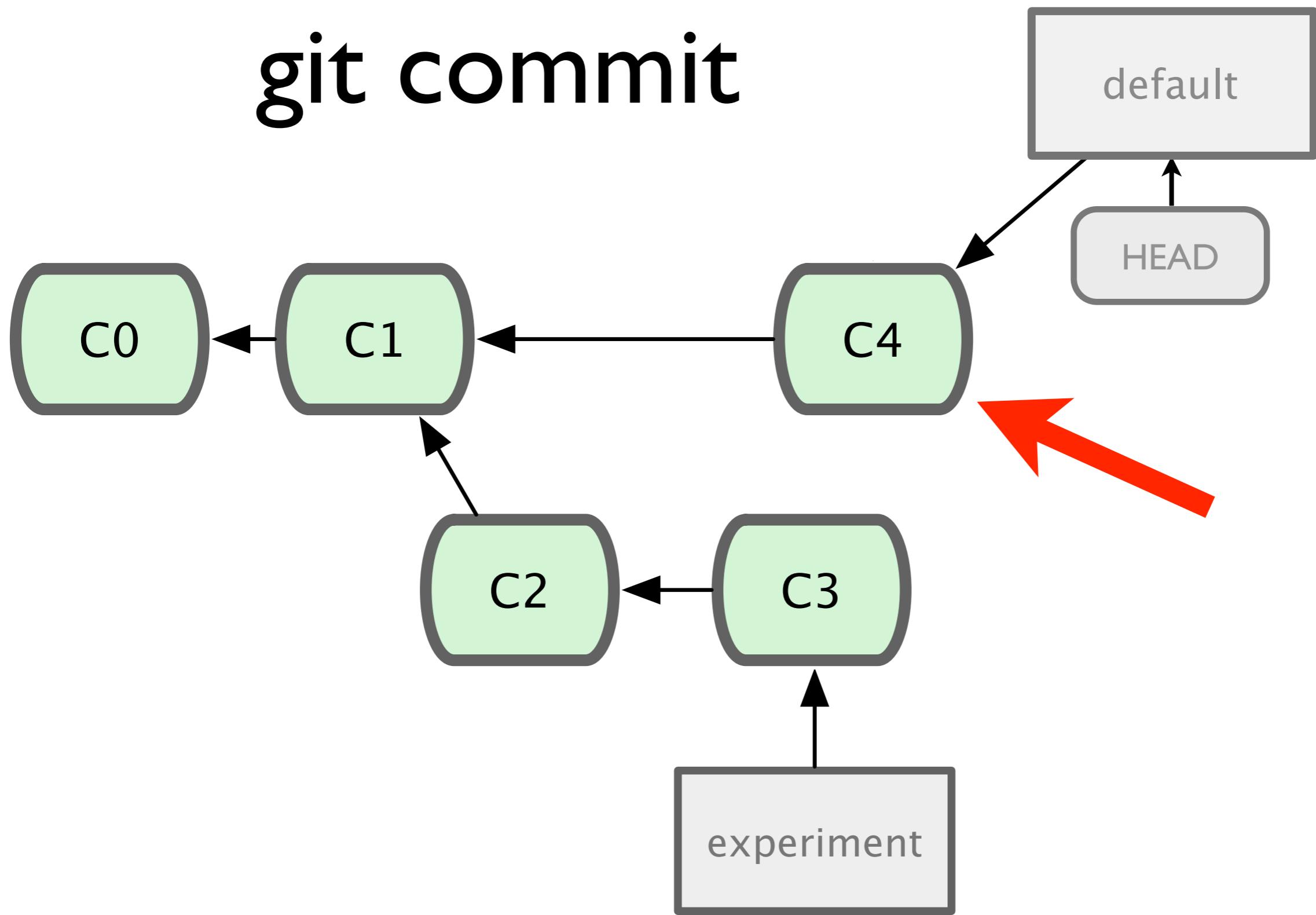


git checkout default

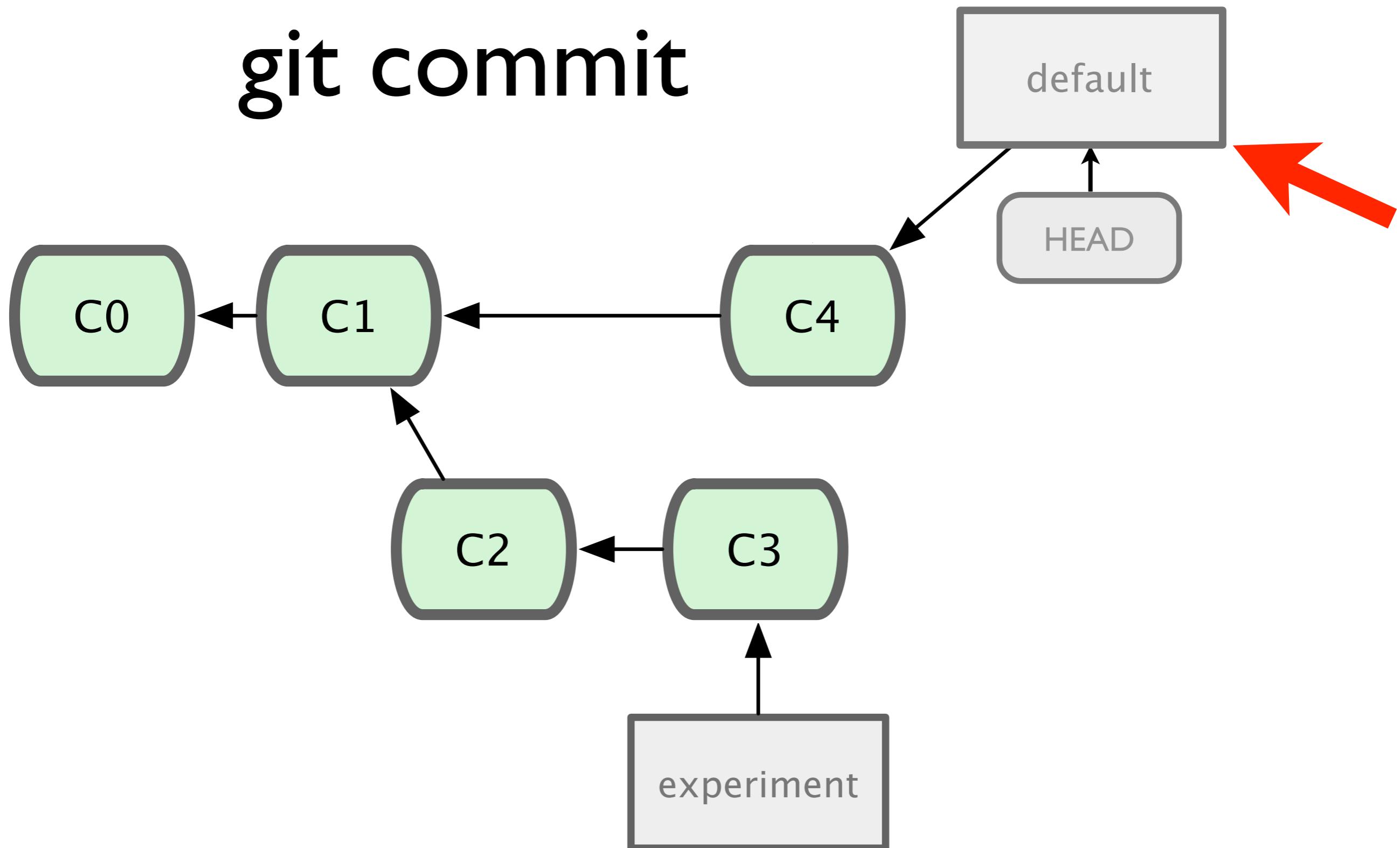
git commit

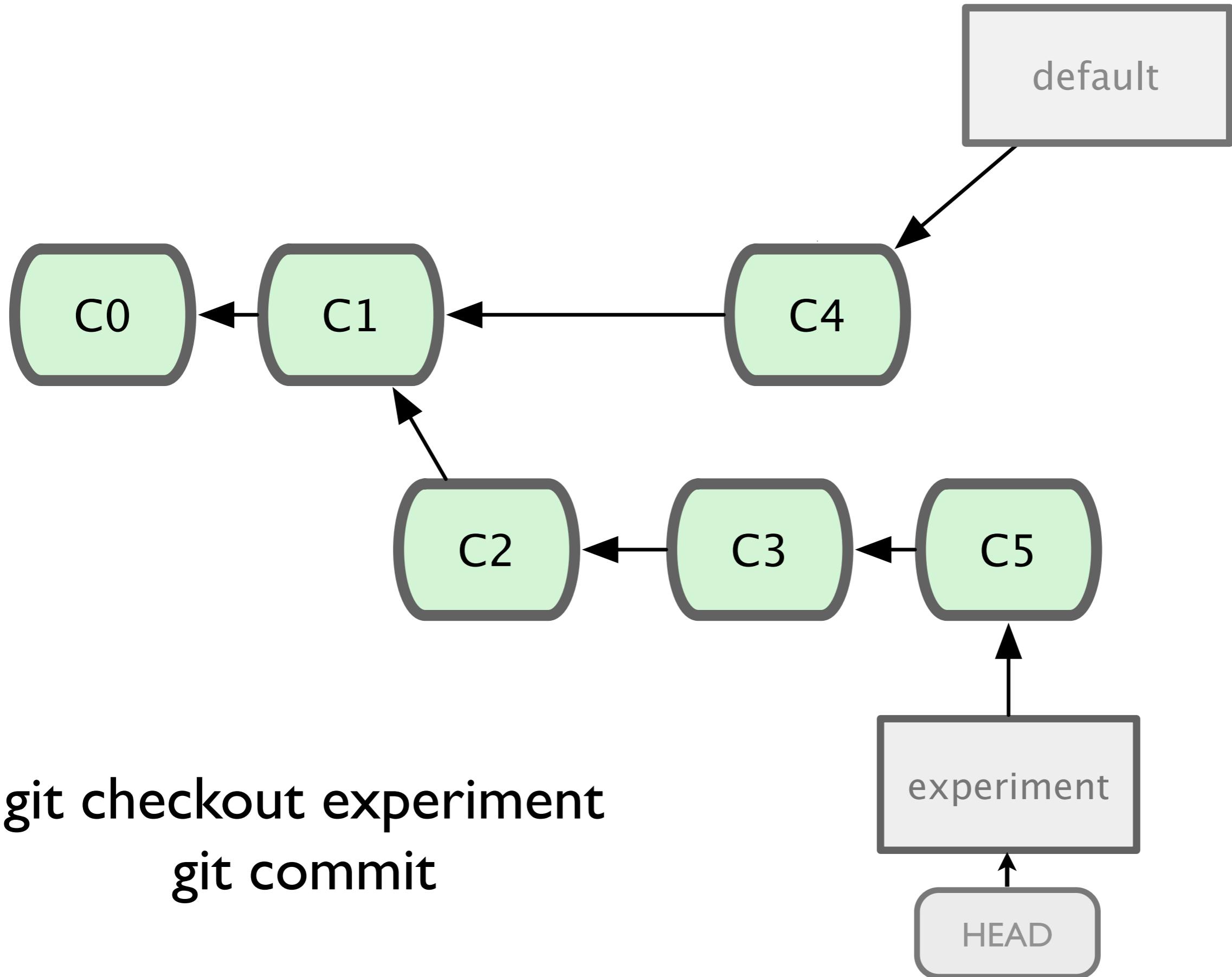


git commit



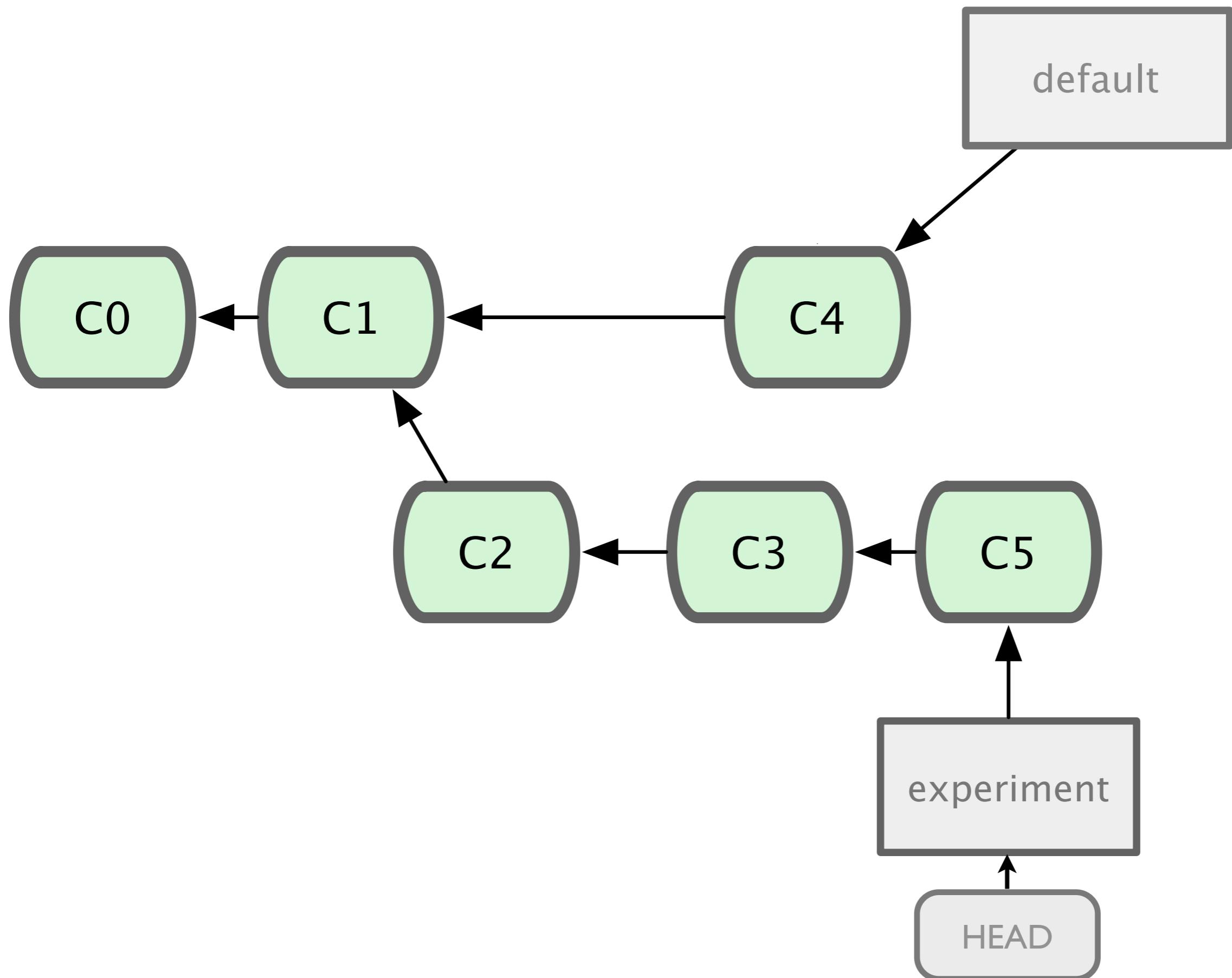
git commit

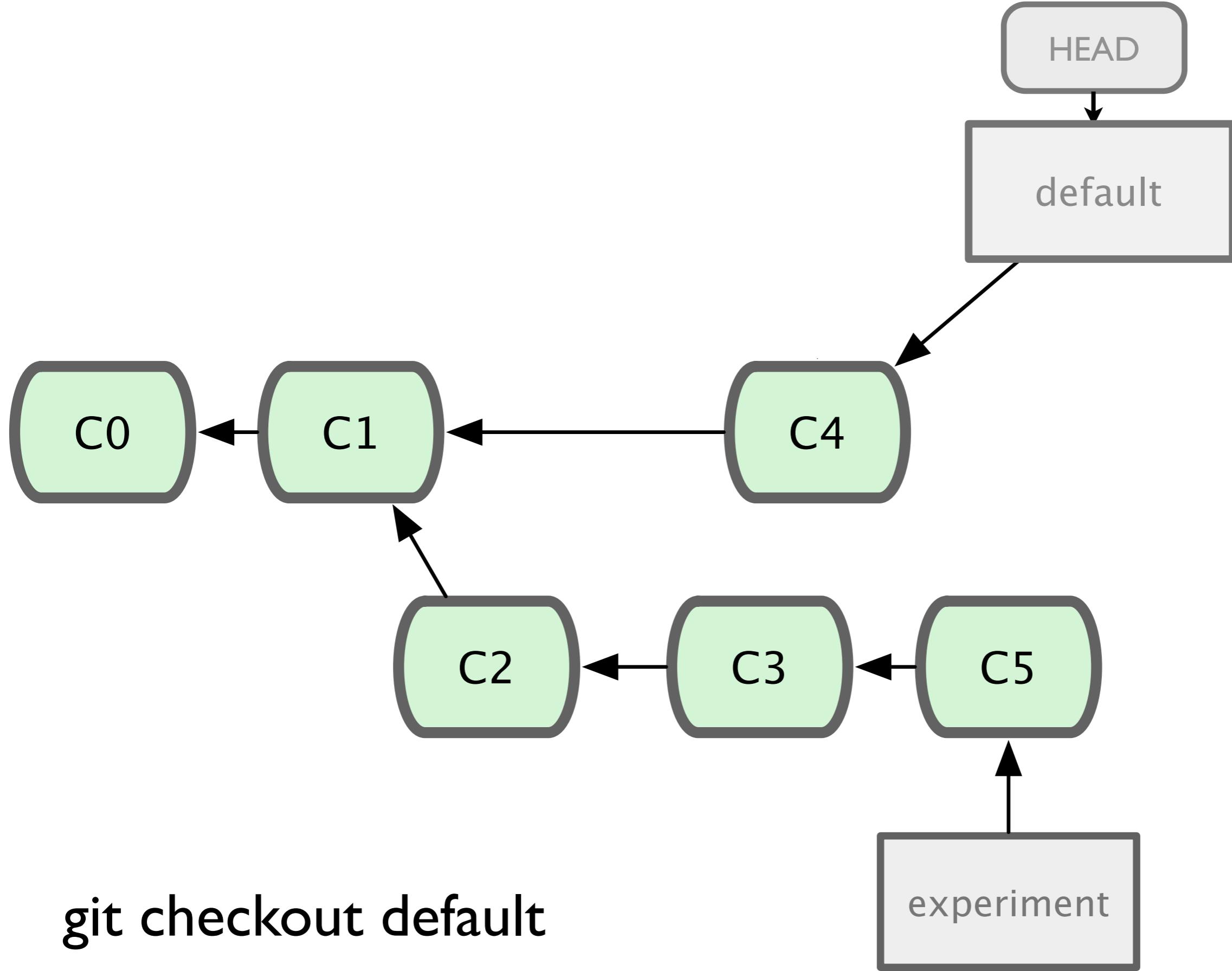


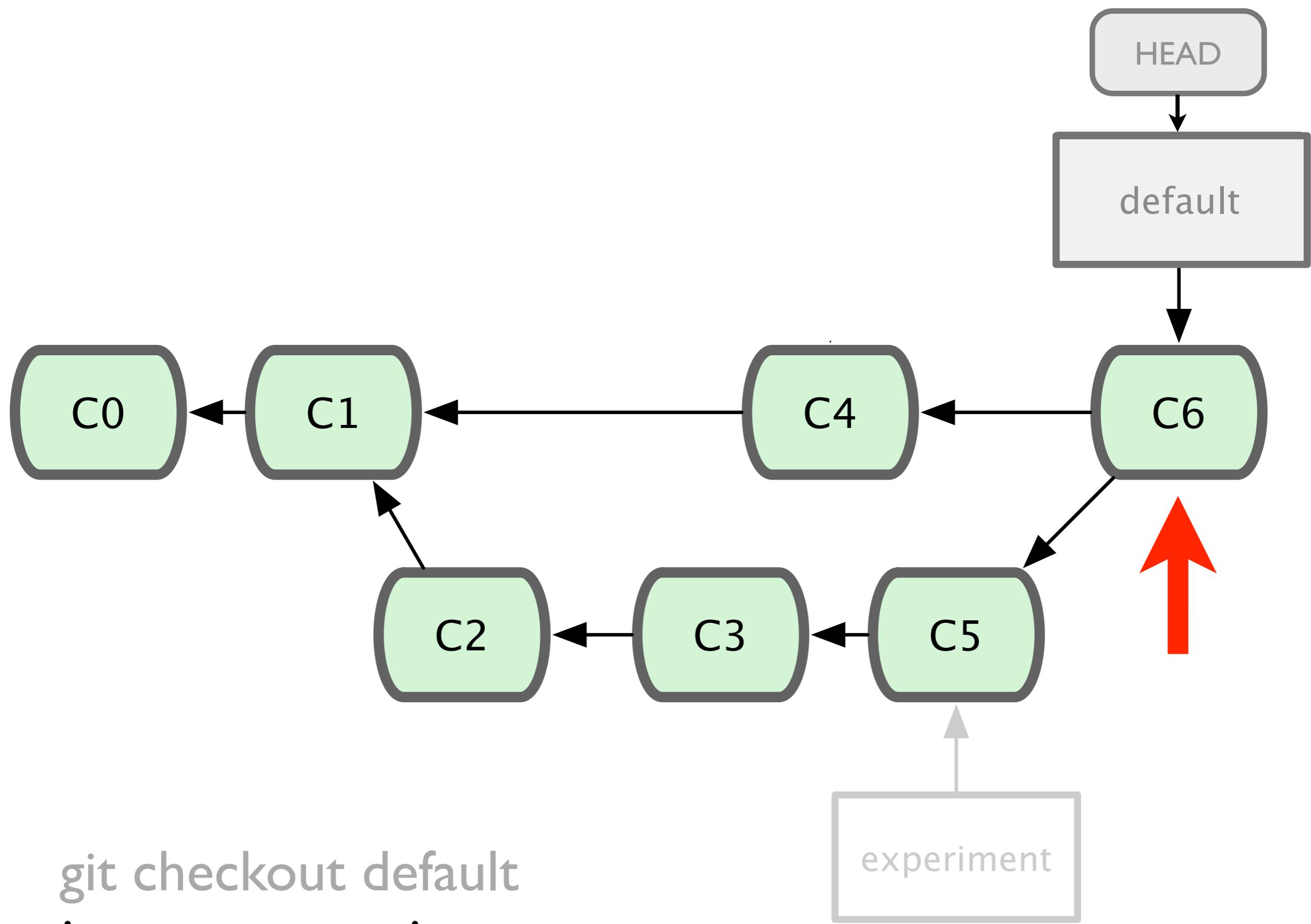


merging

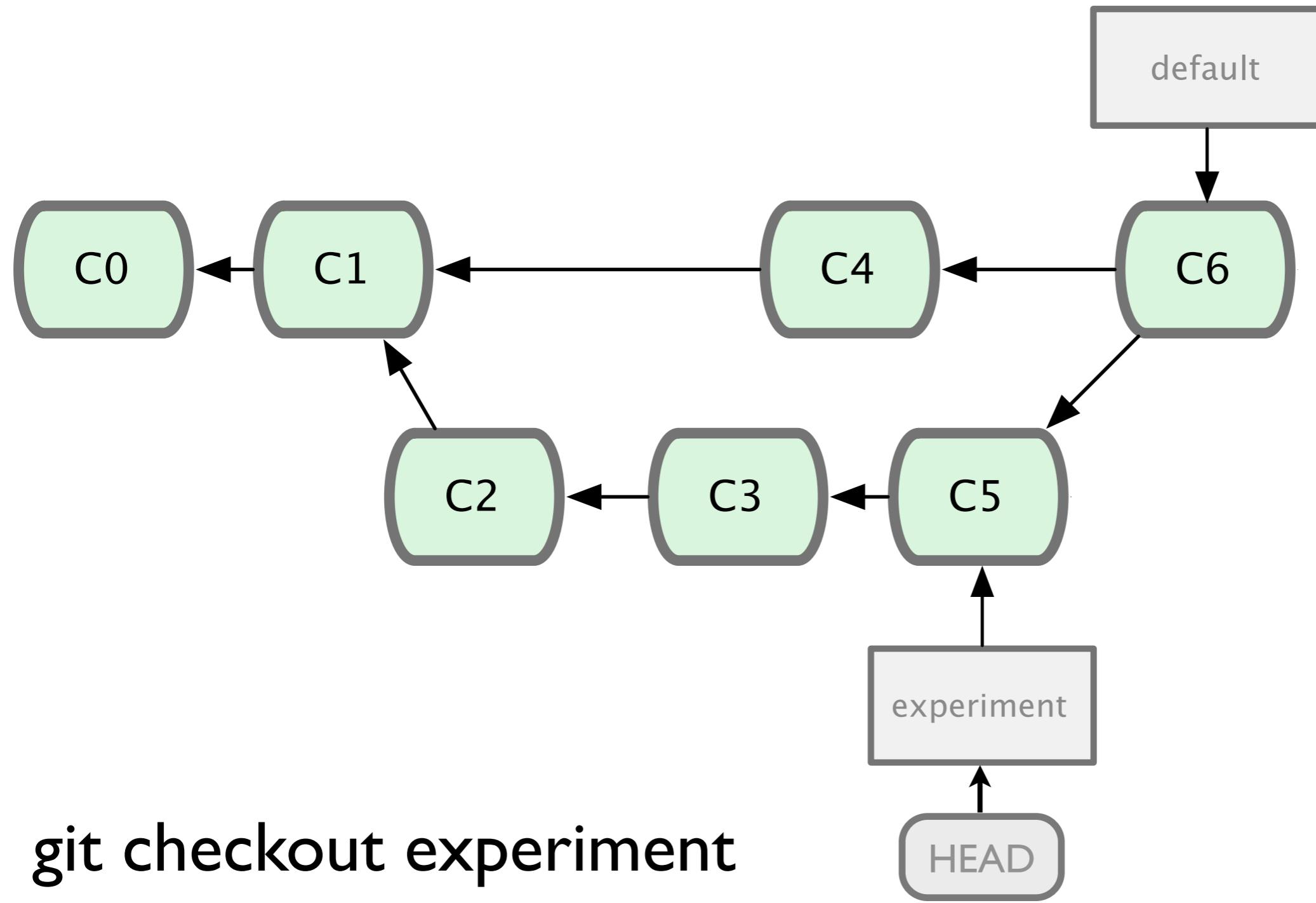
git merge

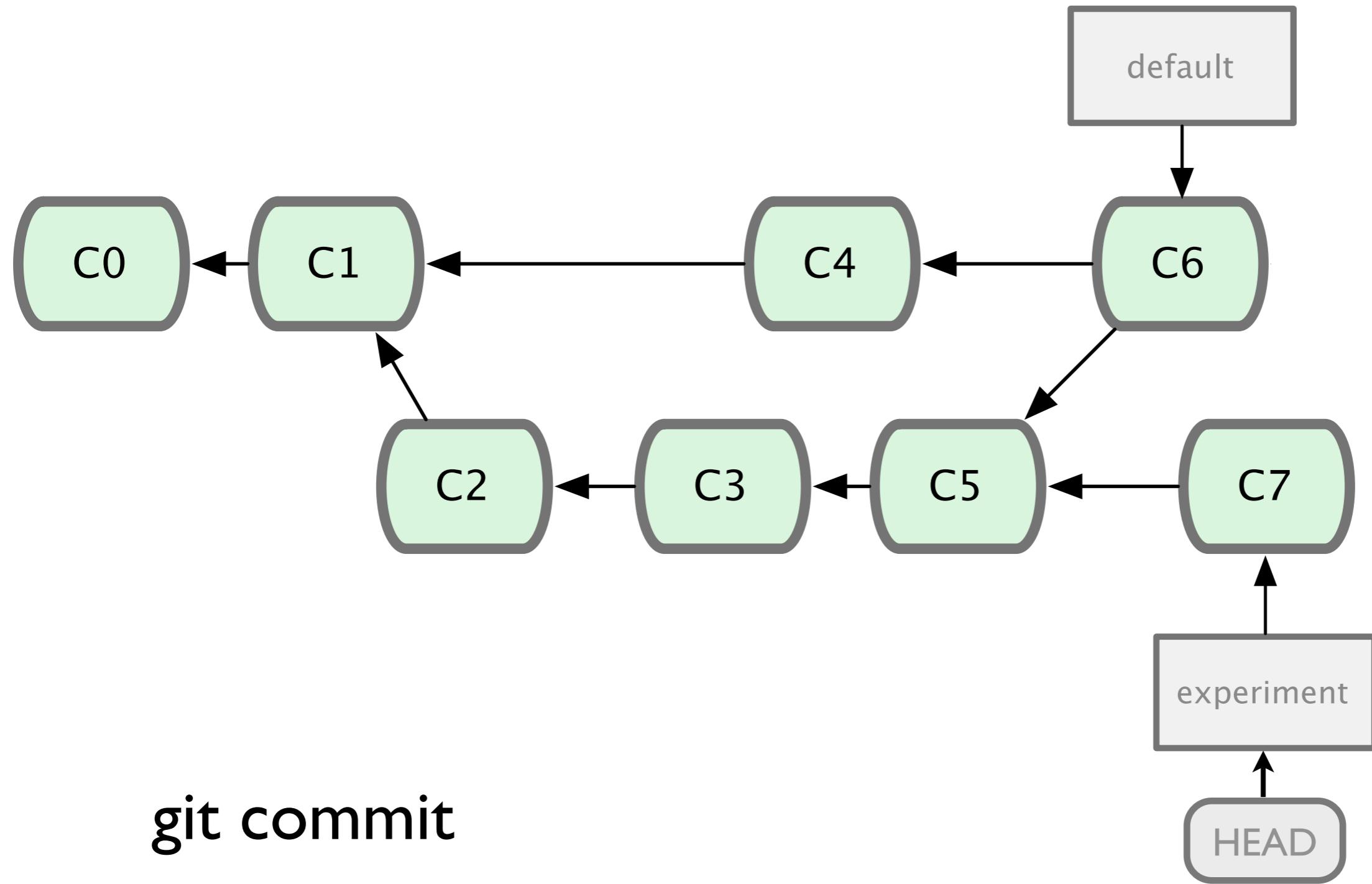


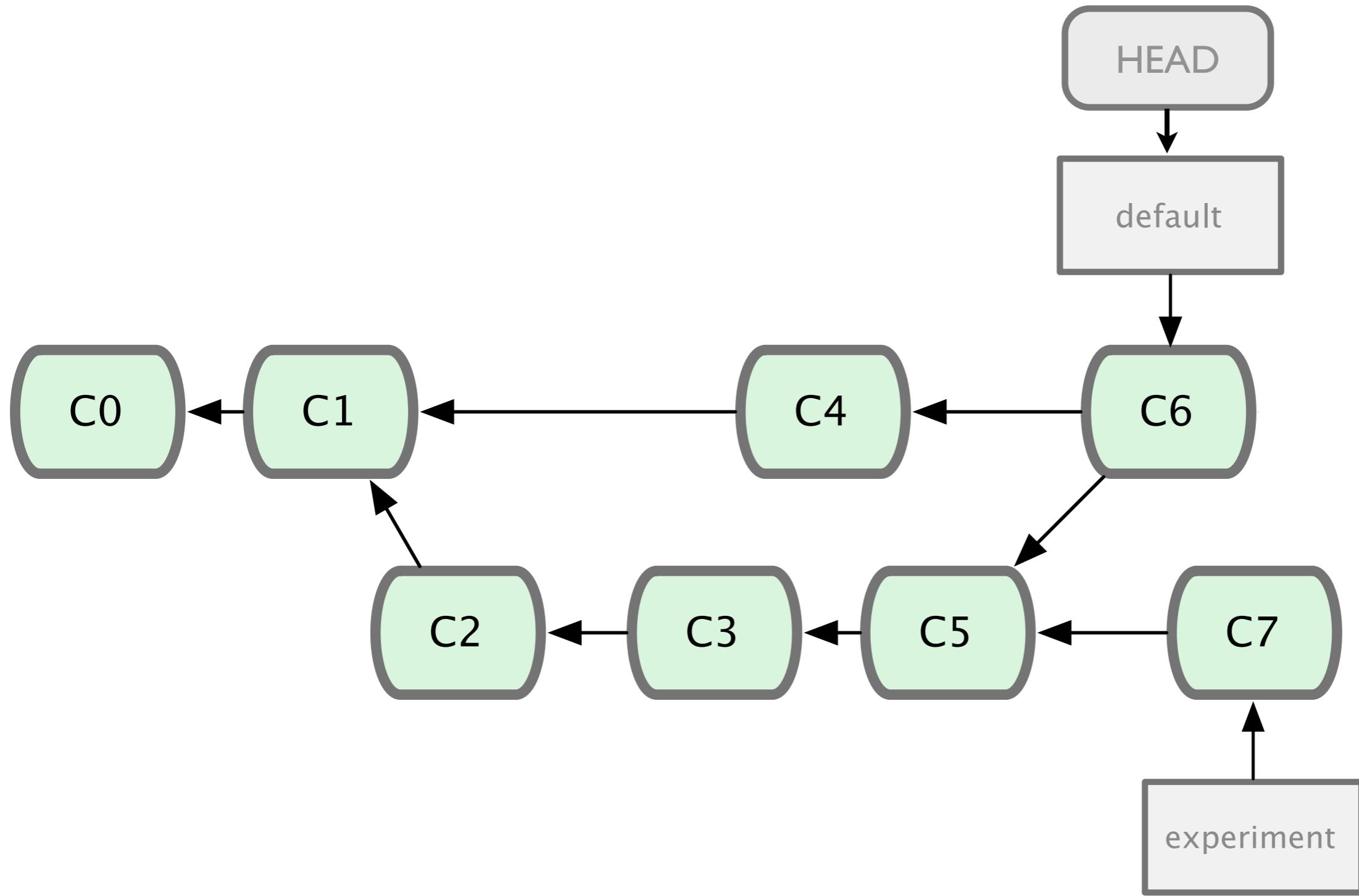




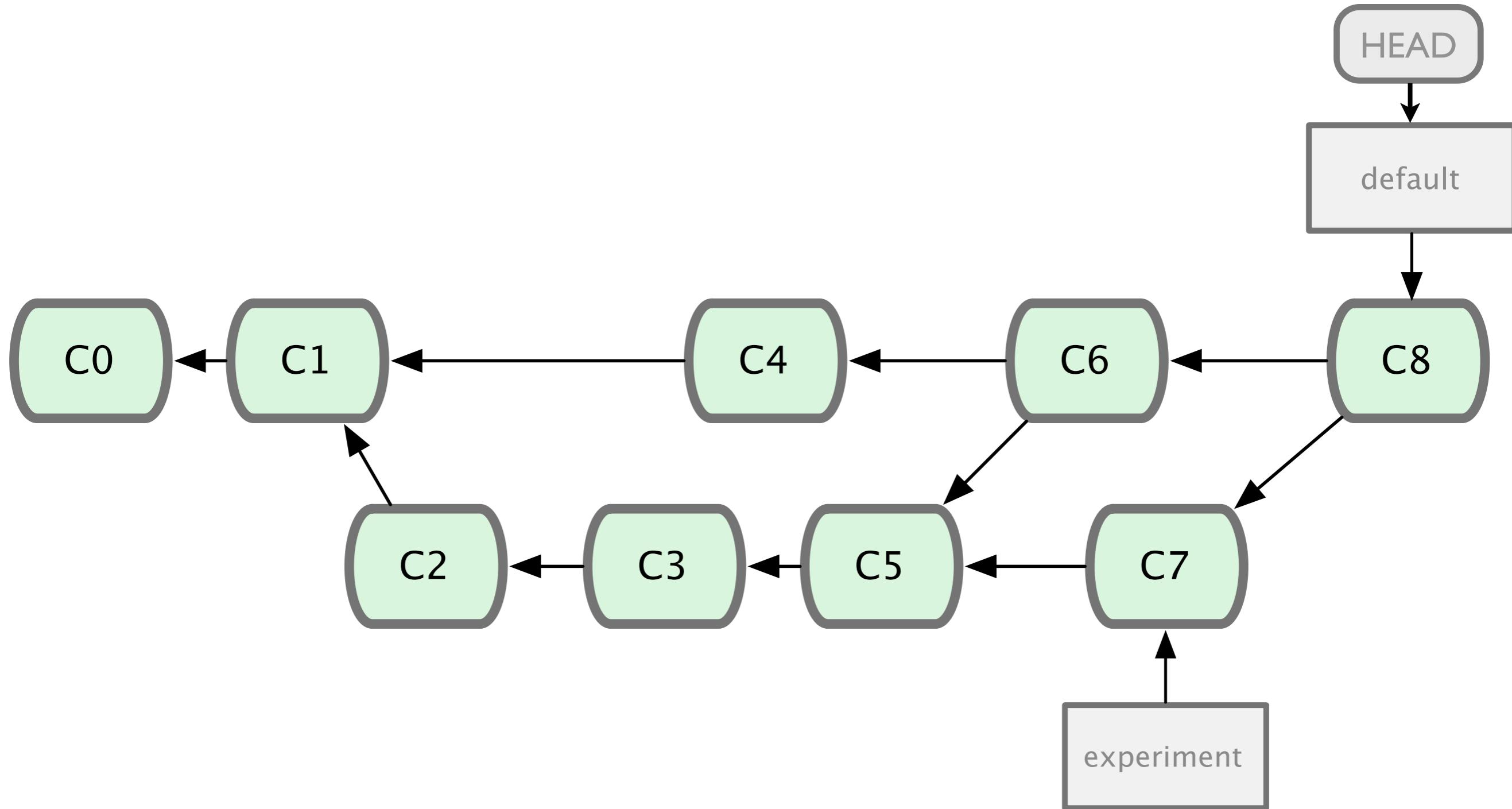
`git checkout default`
`git merge experiment`





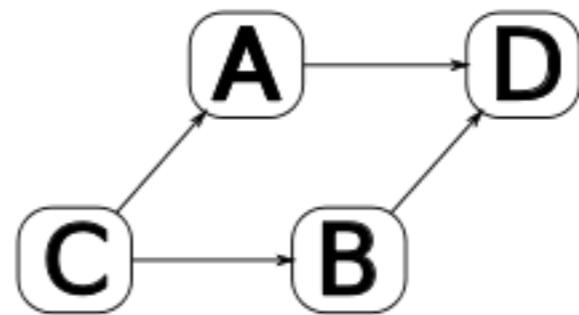


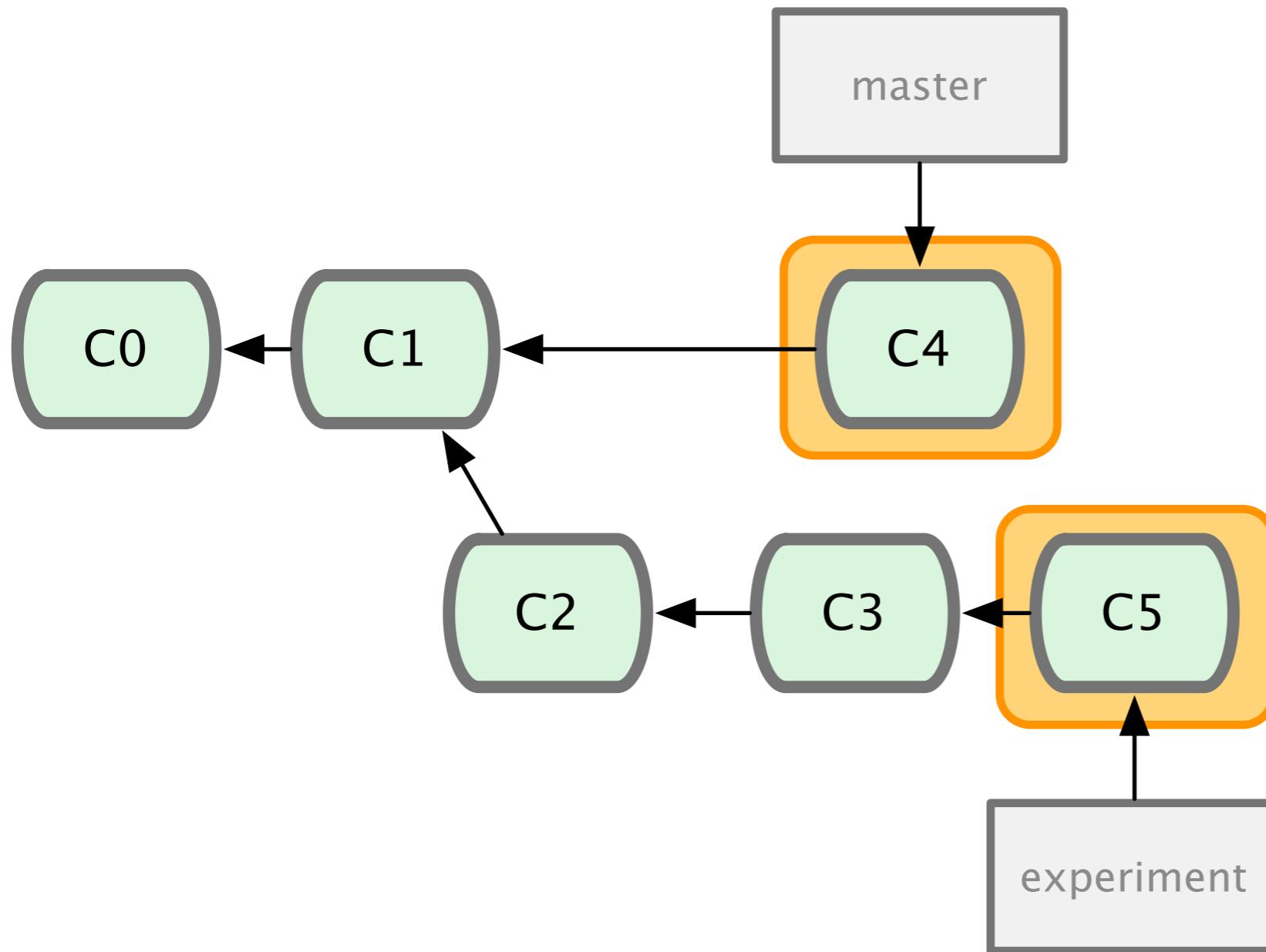
git checkout default

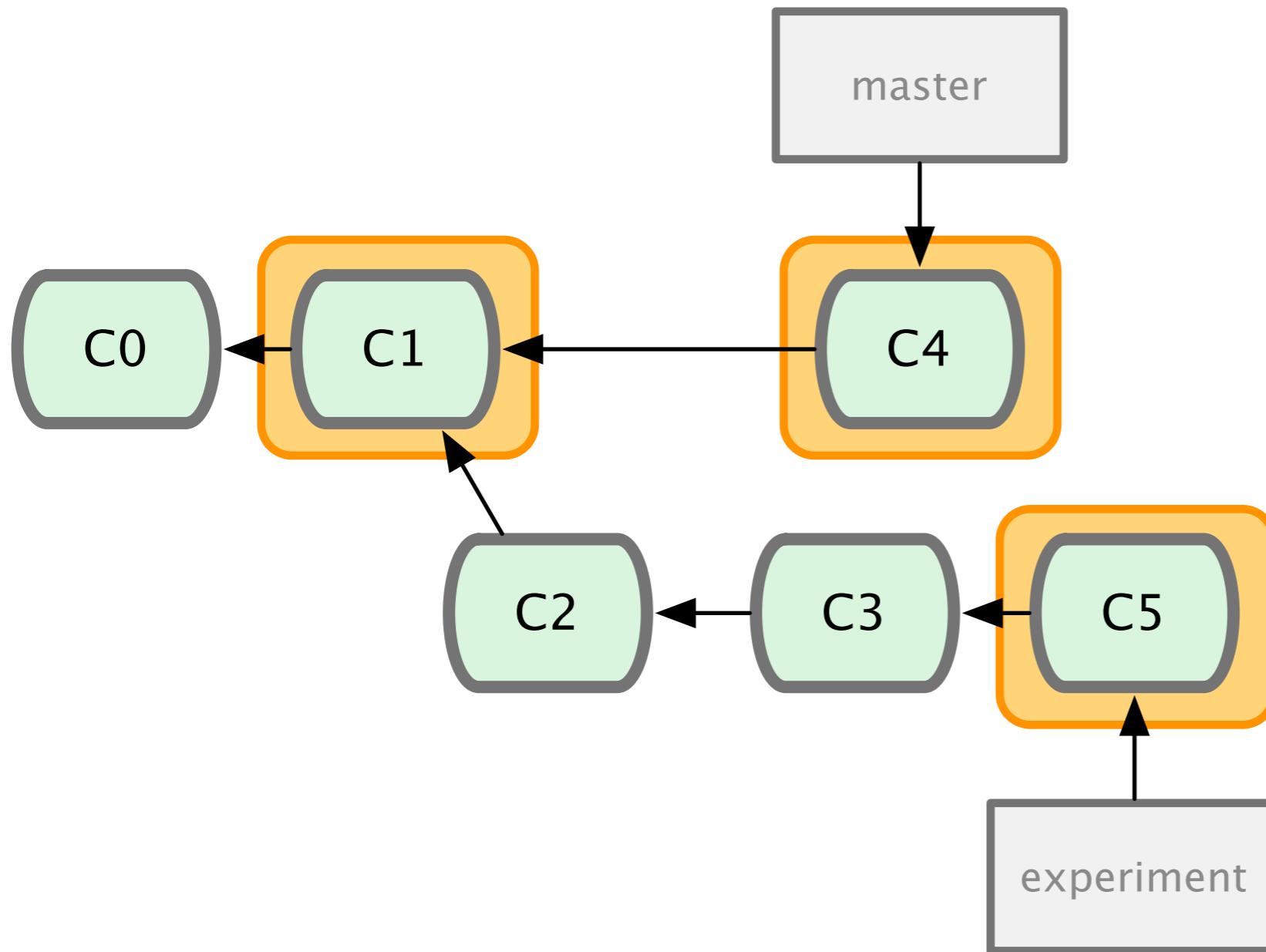


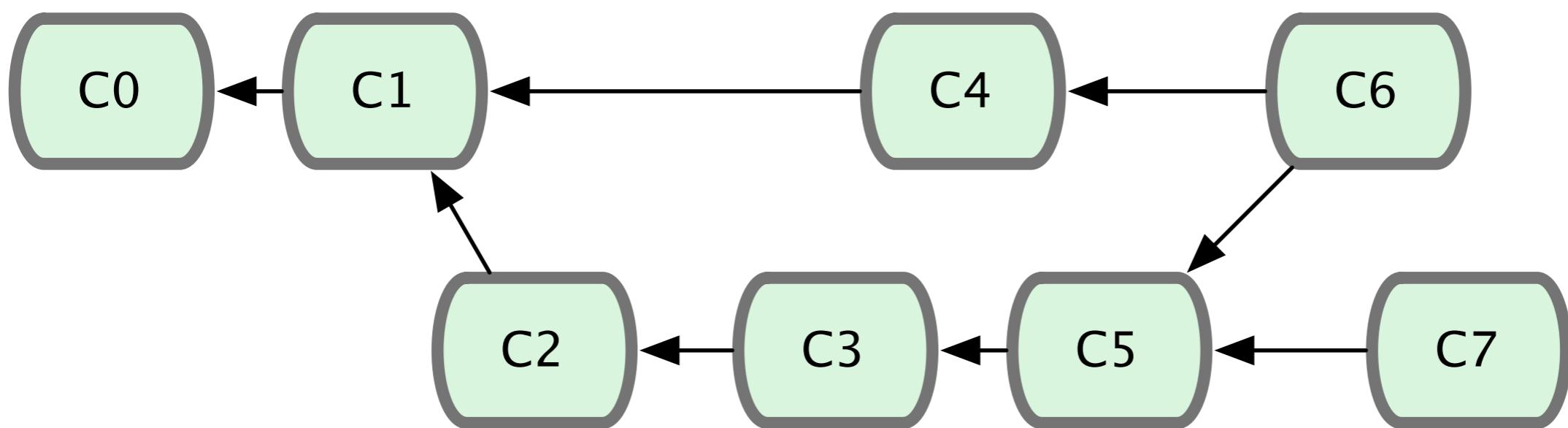
git merge experiment

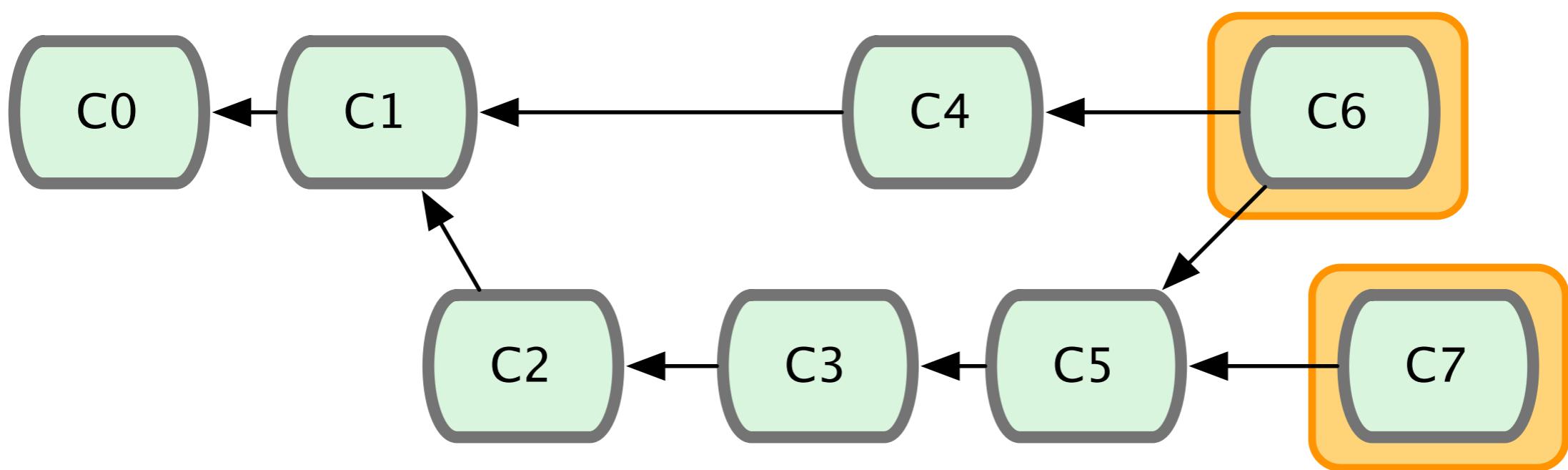
Hot 3 Way Merge Action

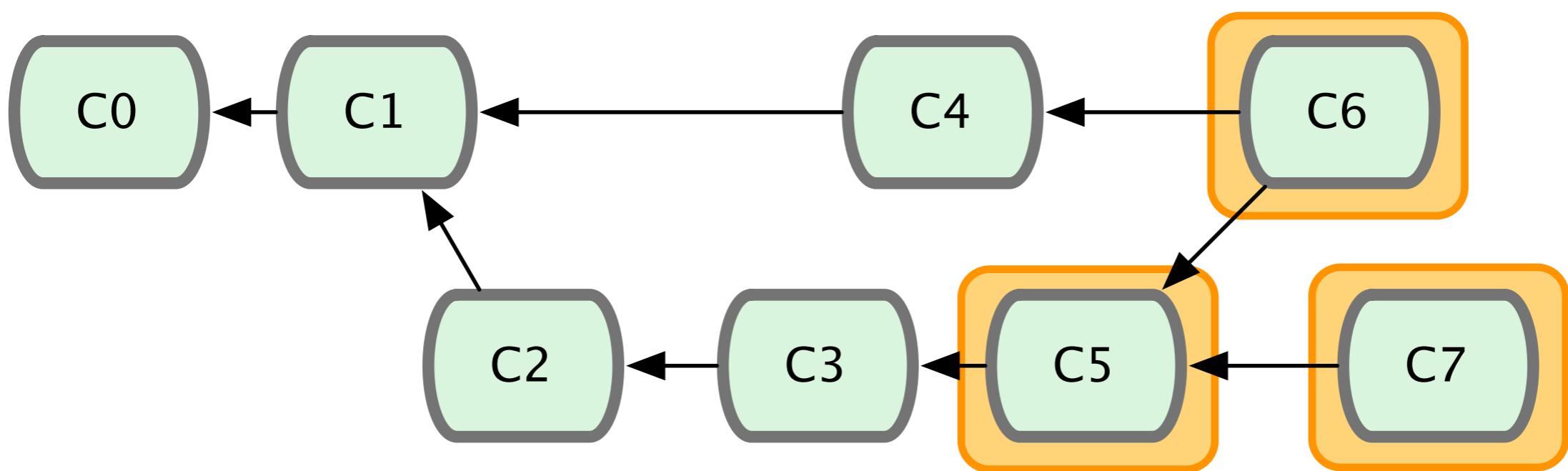




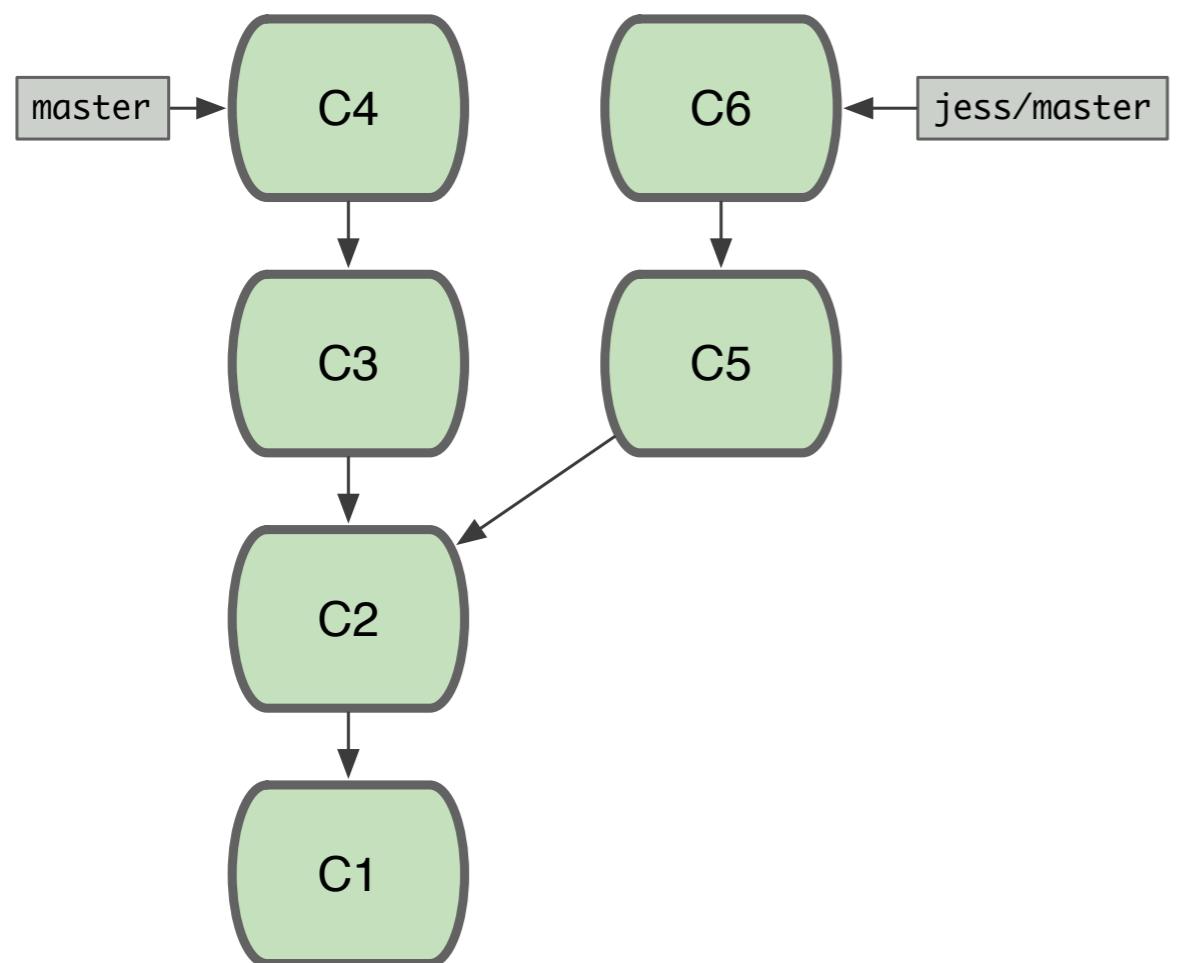




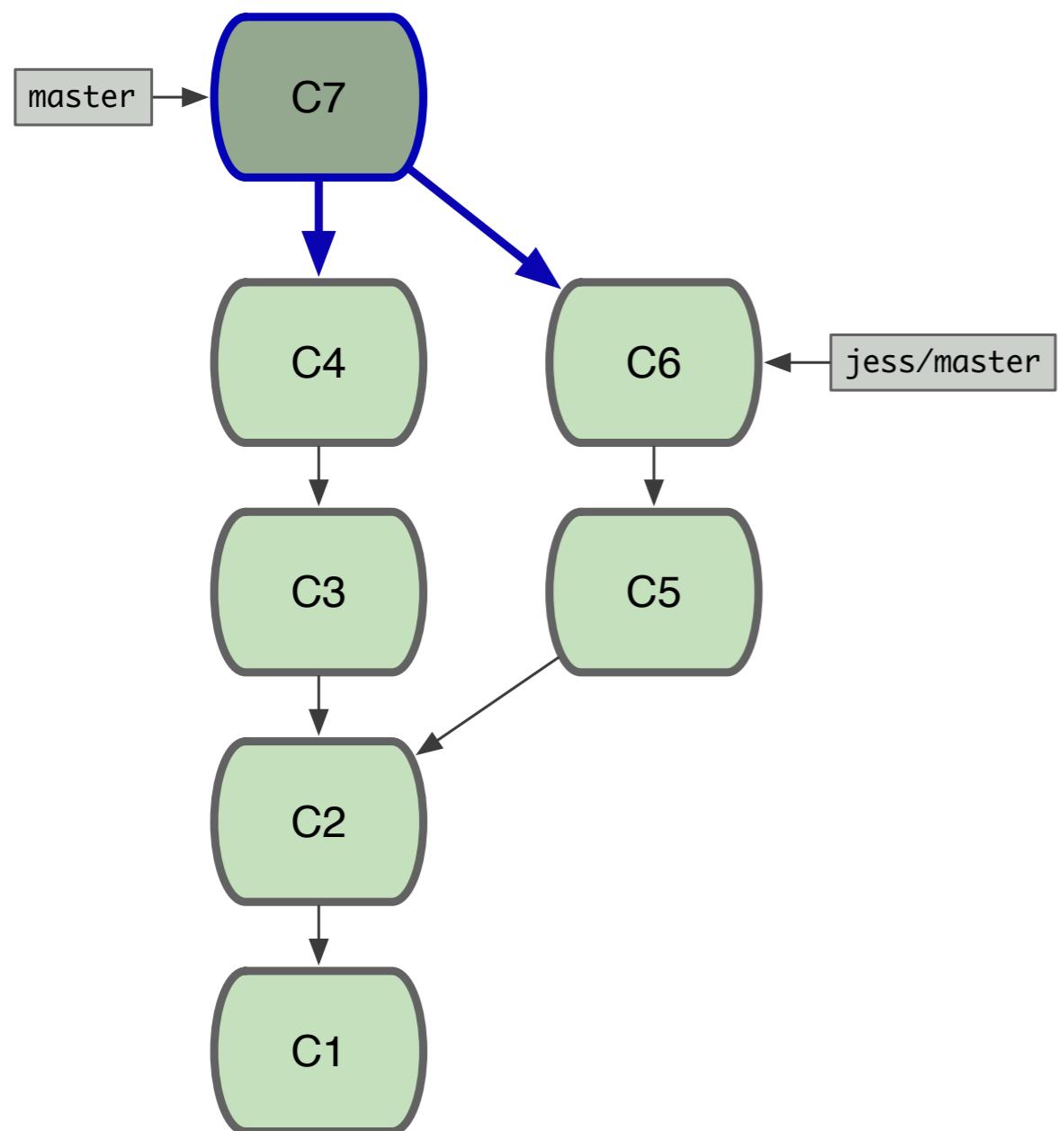




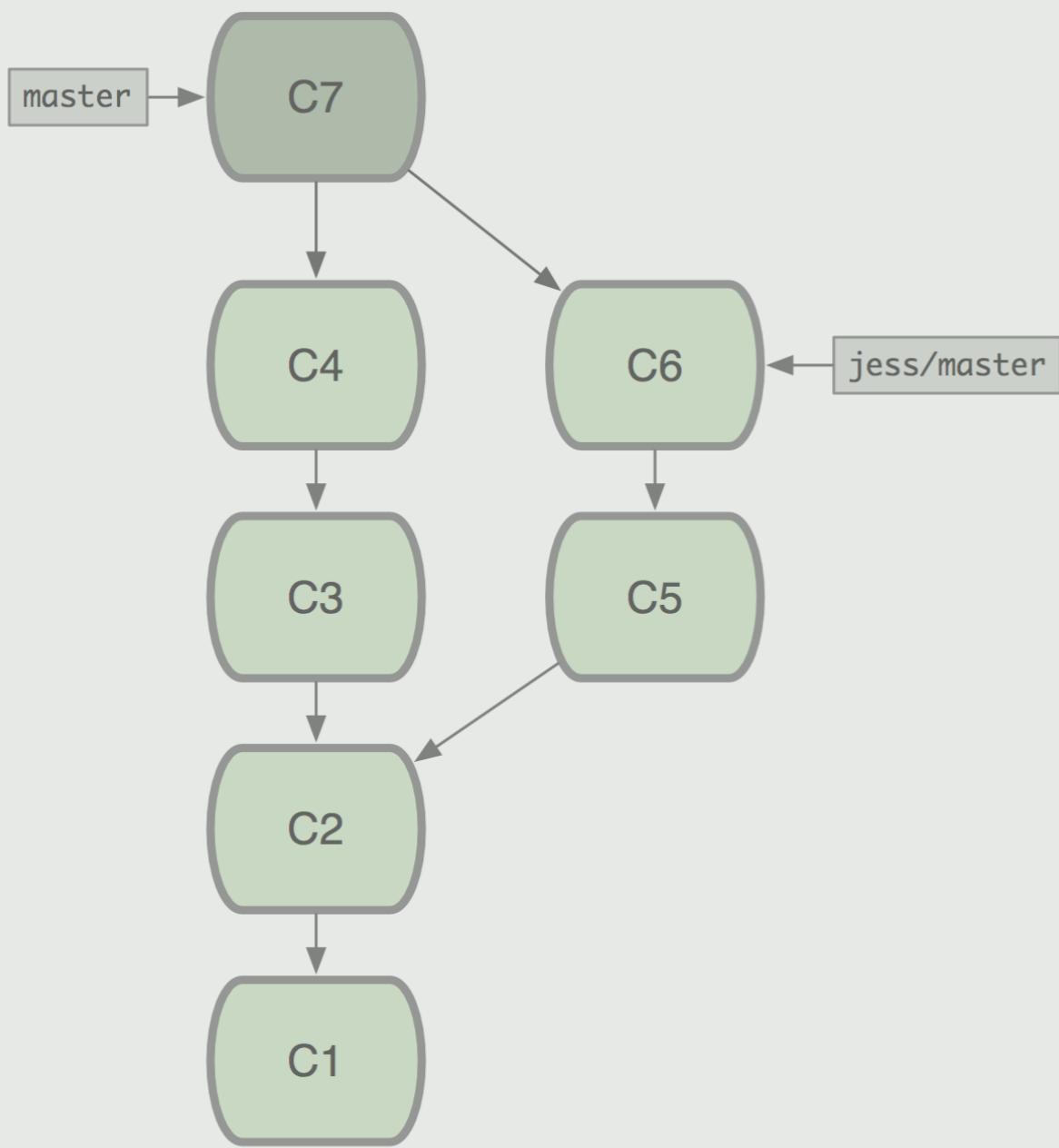
Rebasing



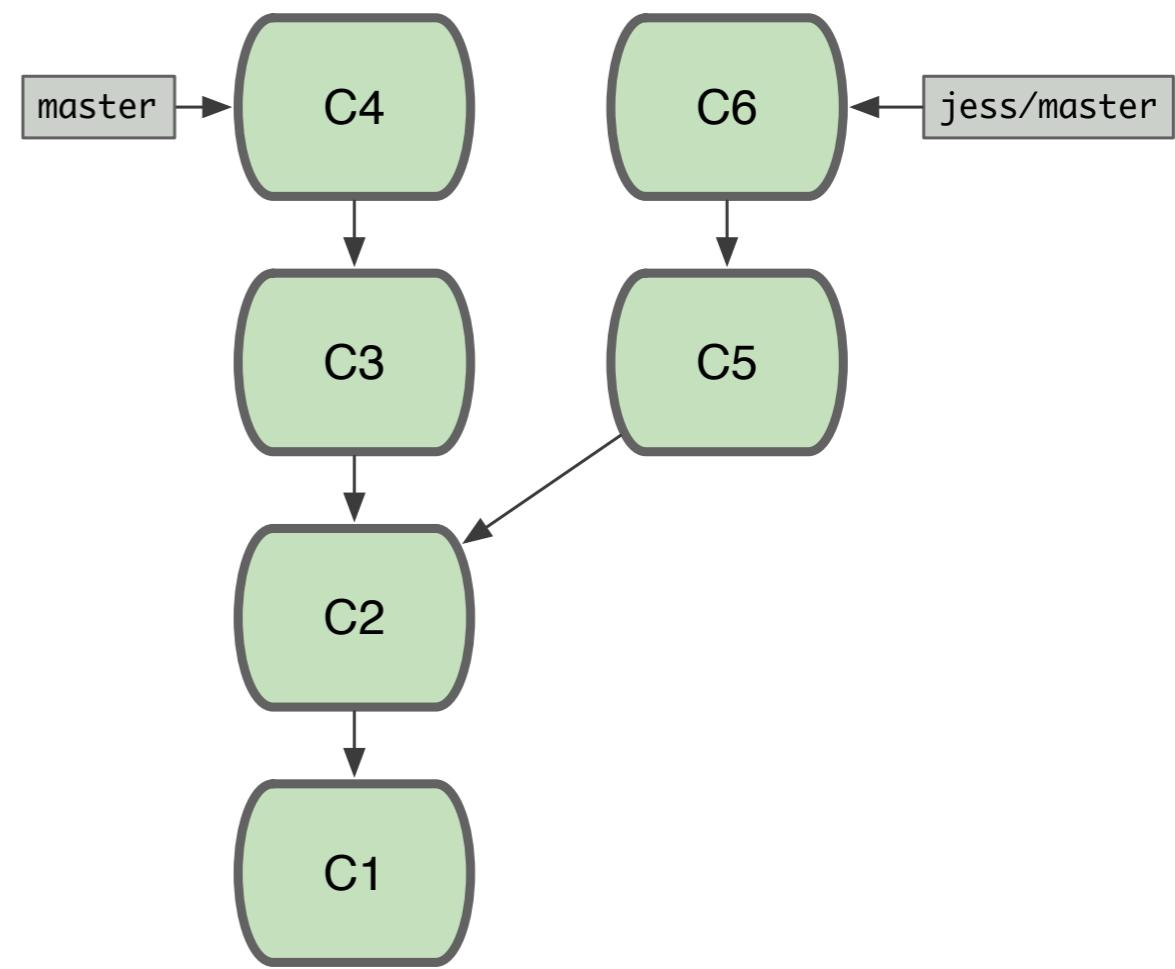
git merge



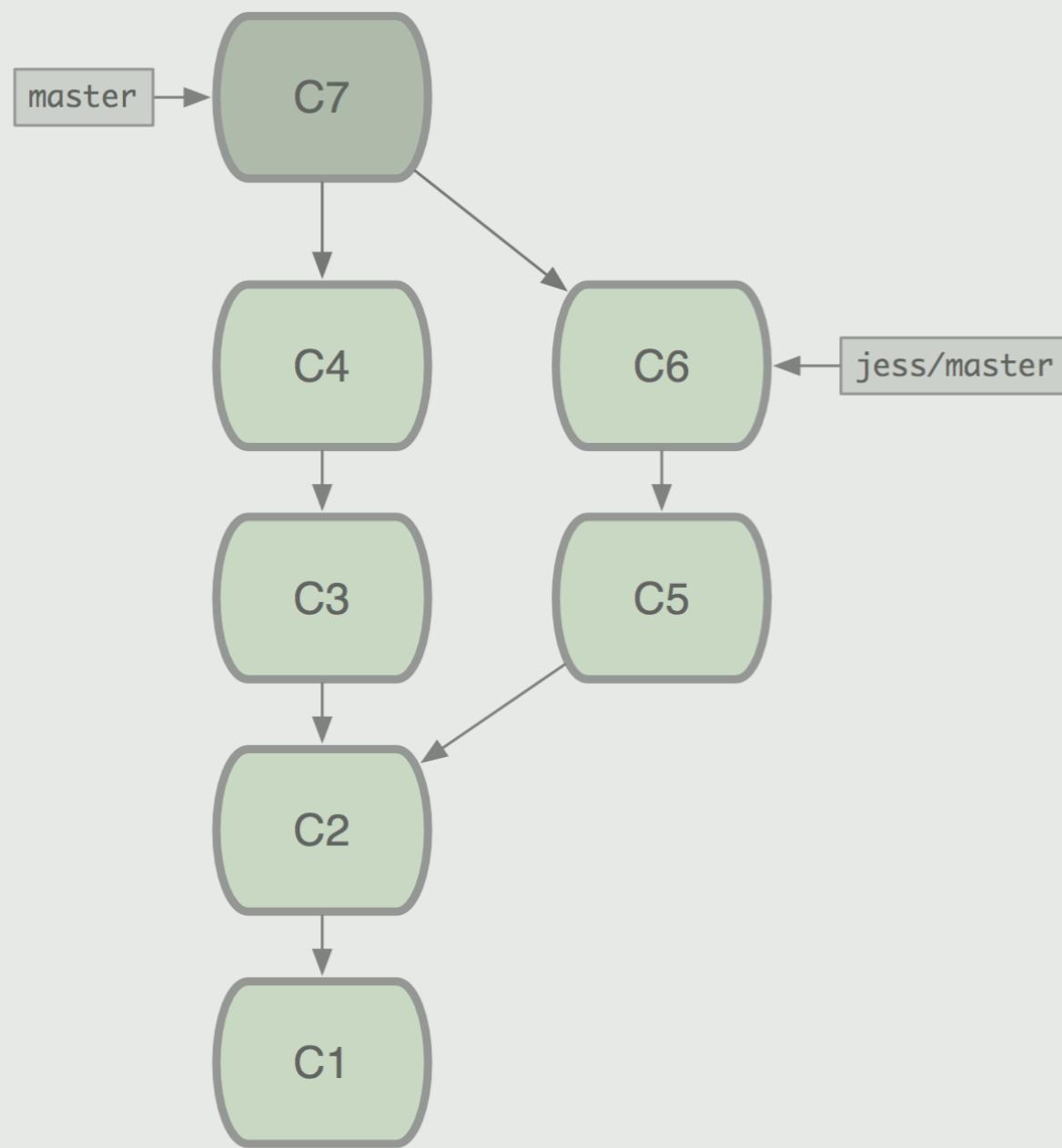
git merge



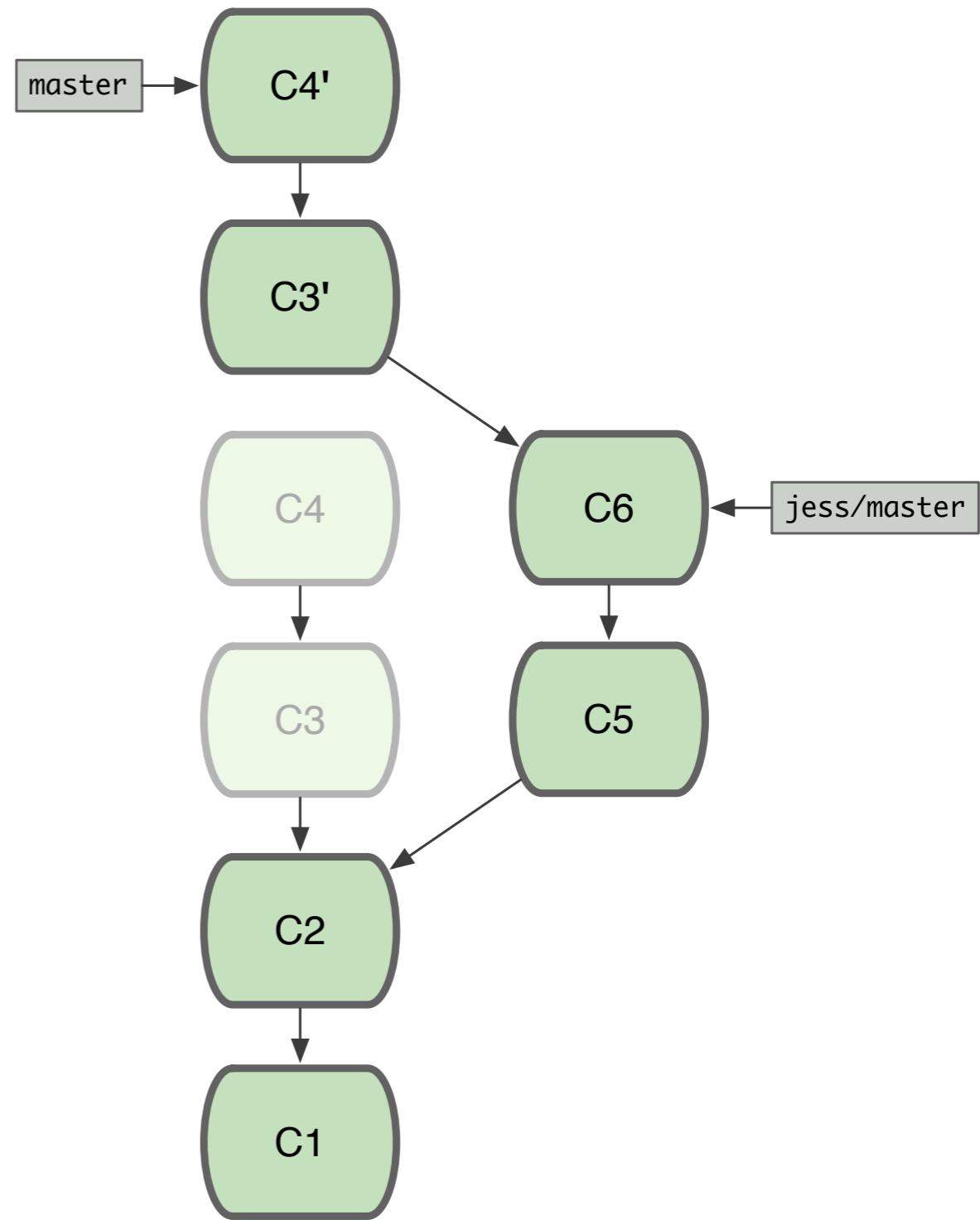
git rebase



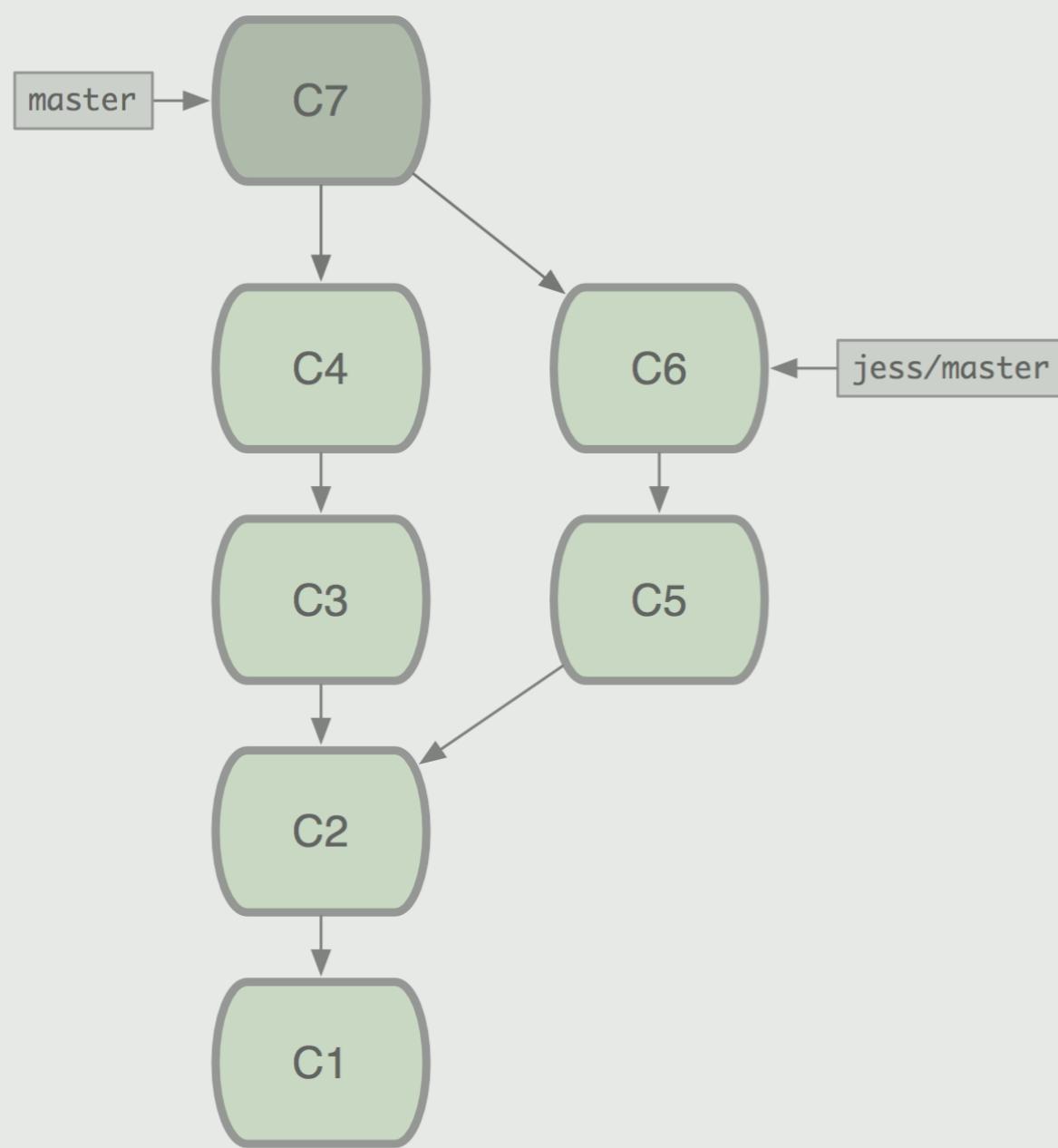
git merge



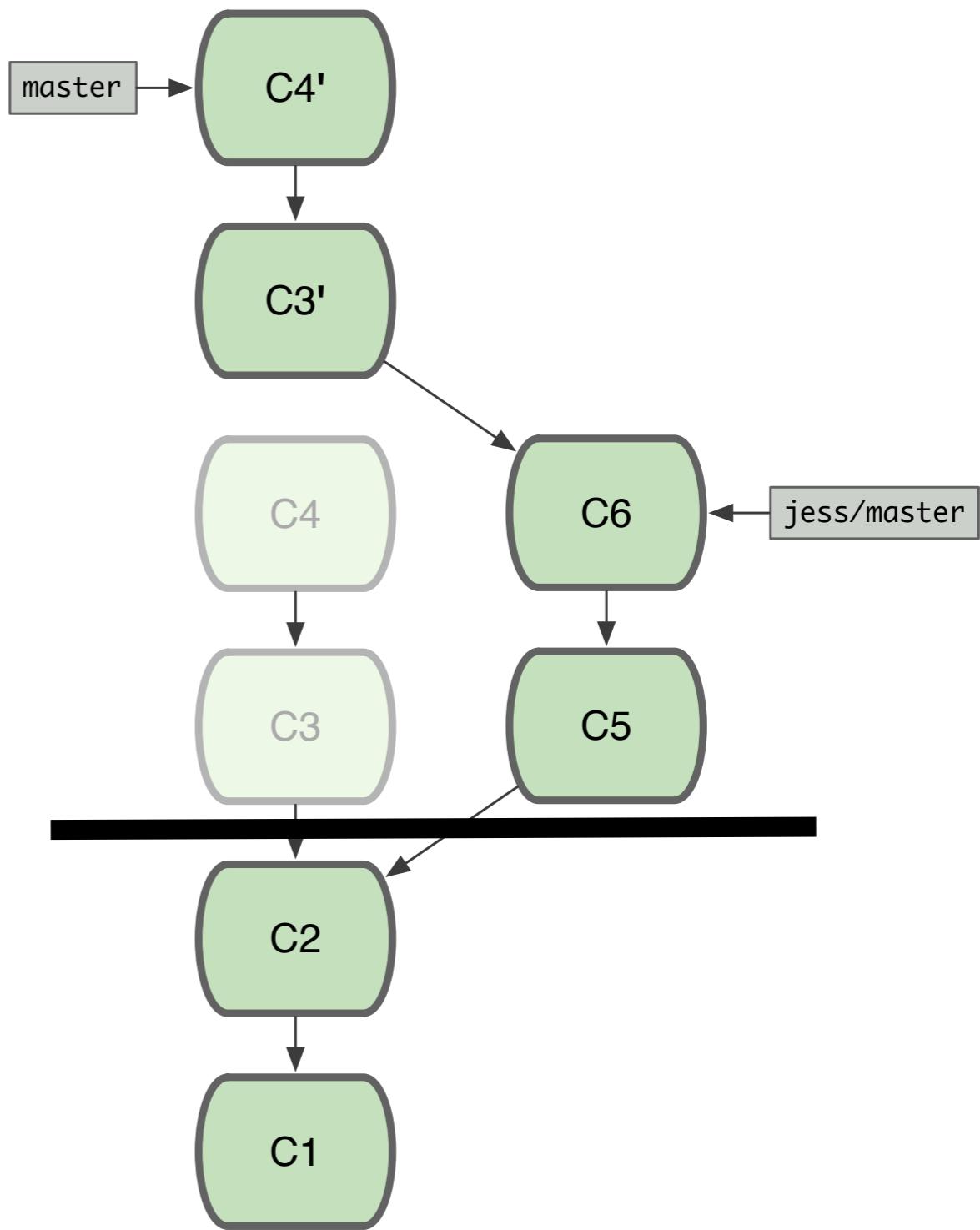
git rebase



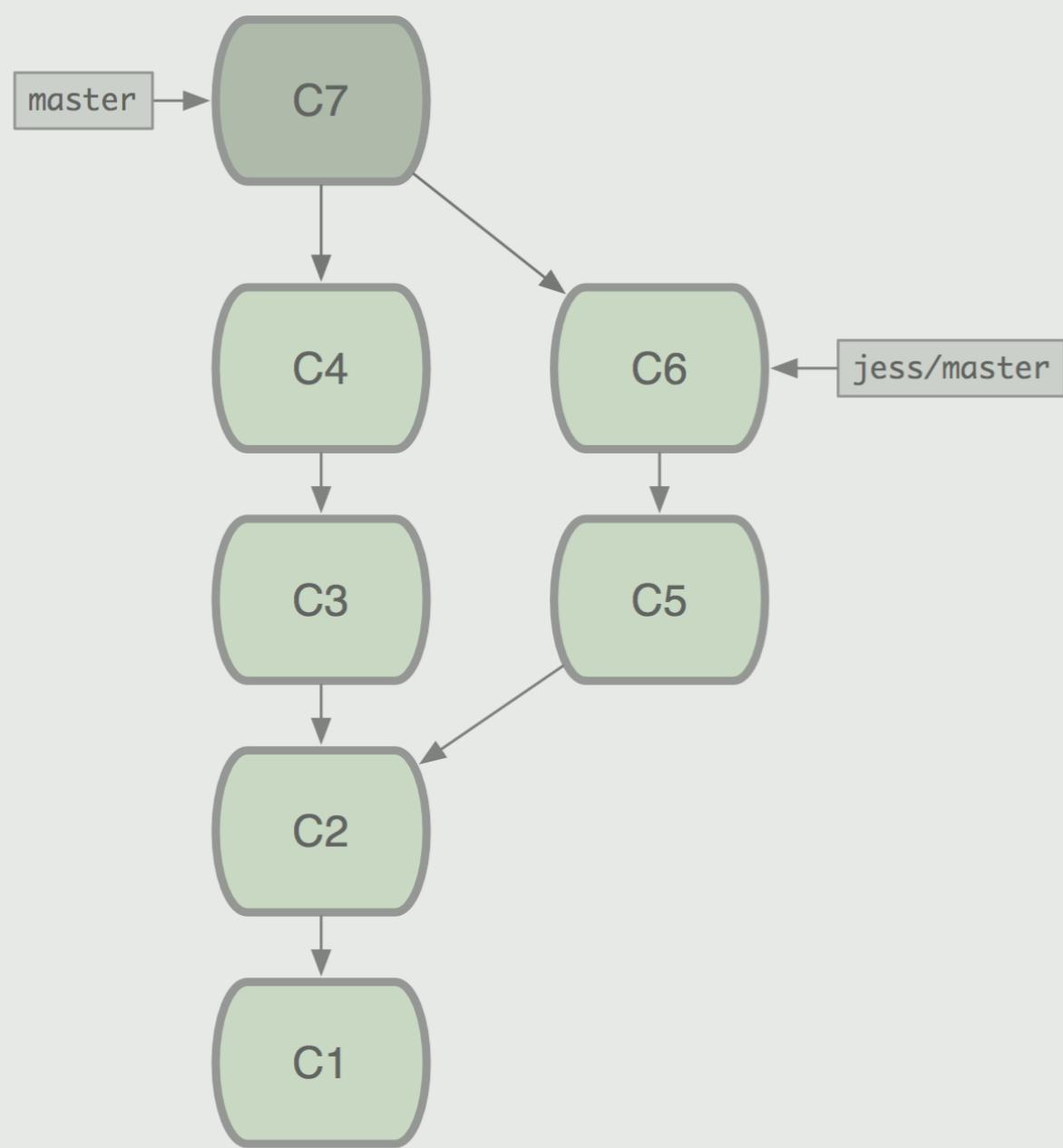
git merge



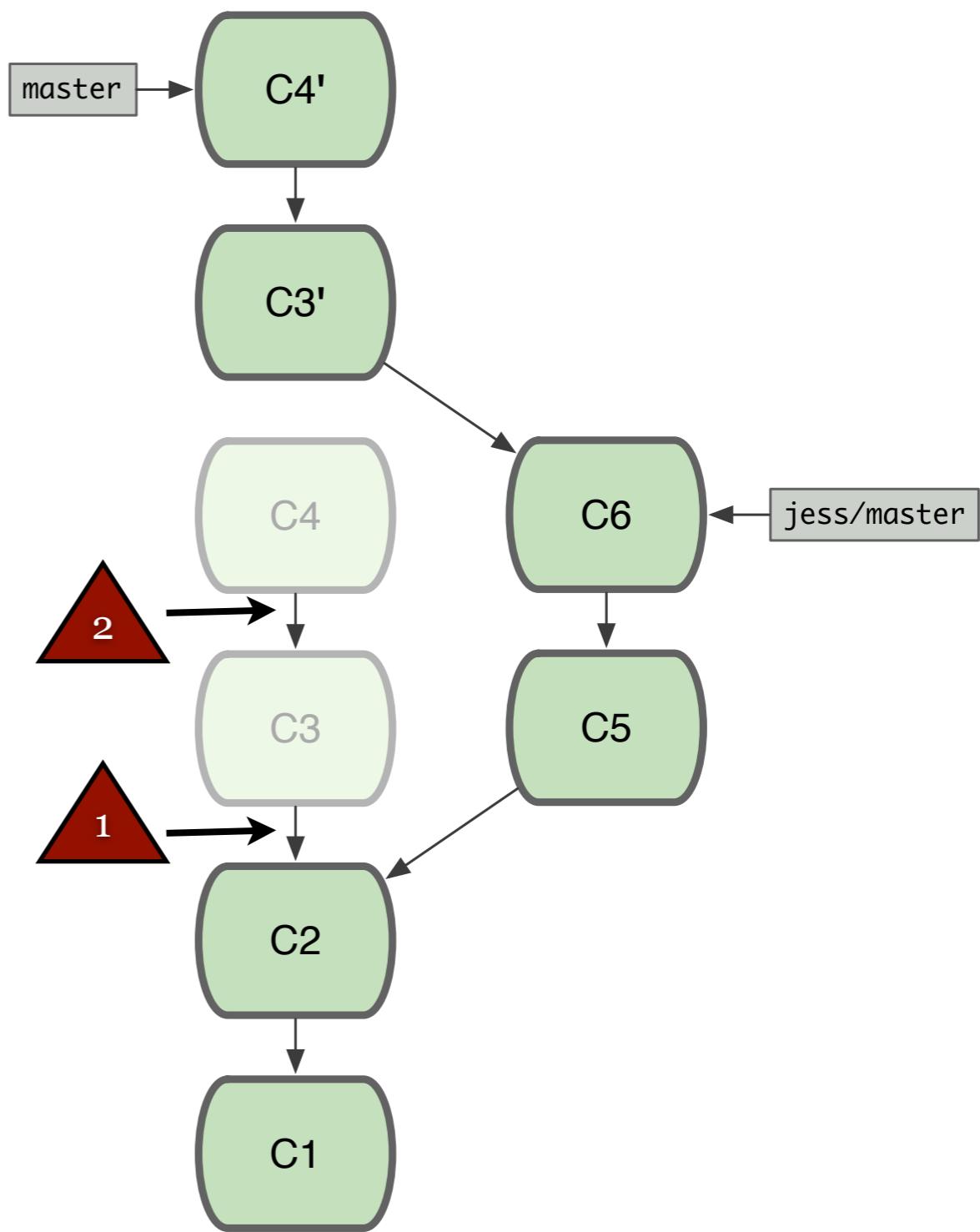
git rebase



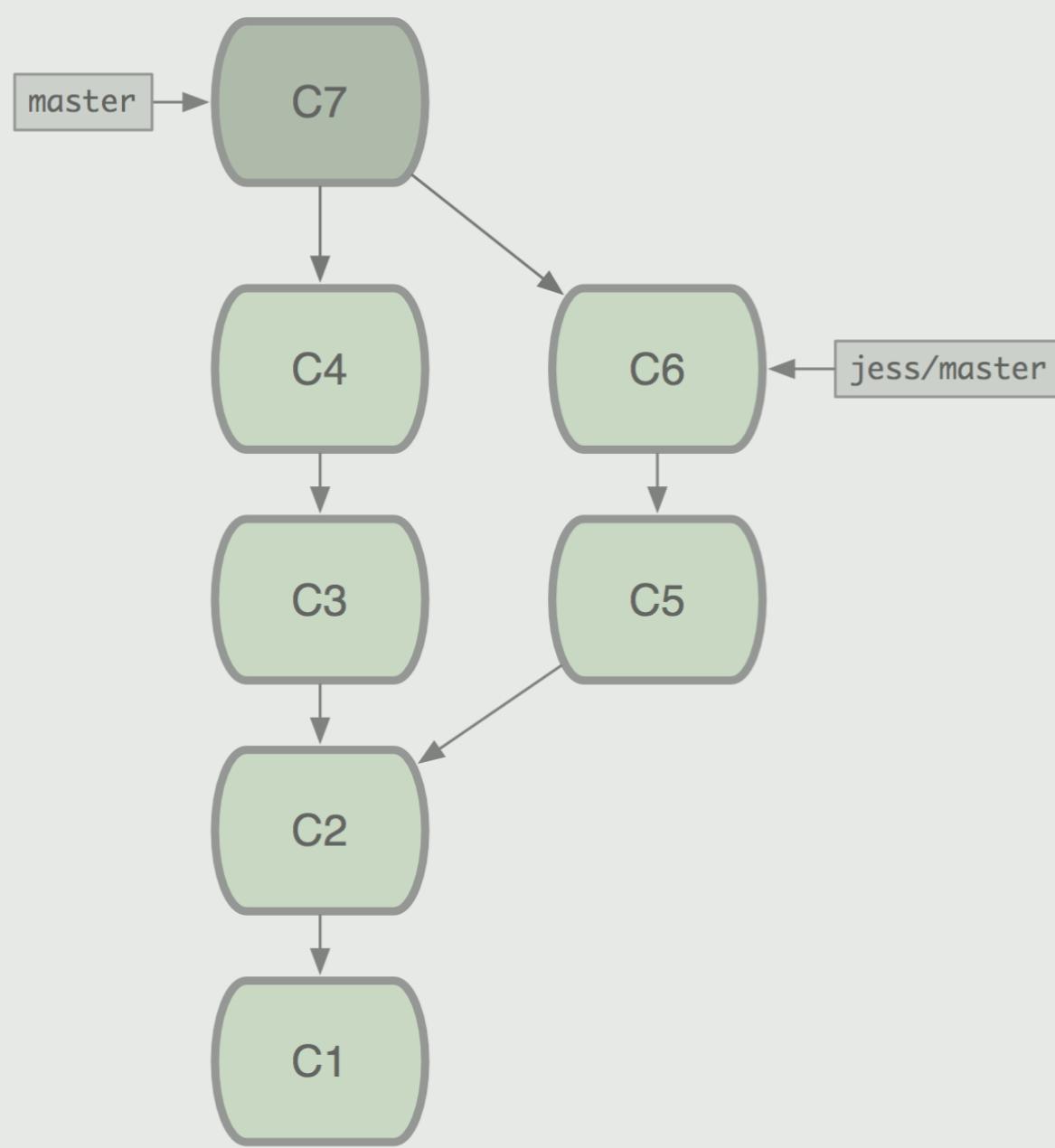
git merge



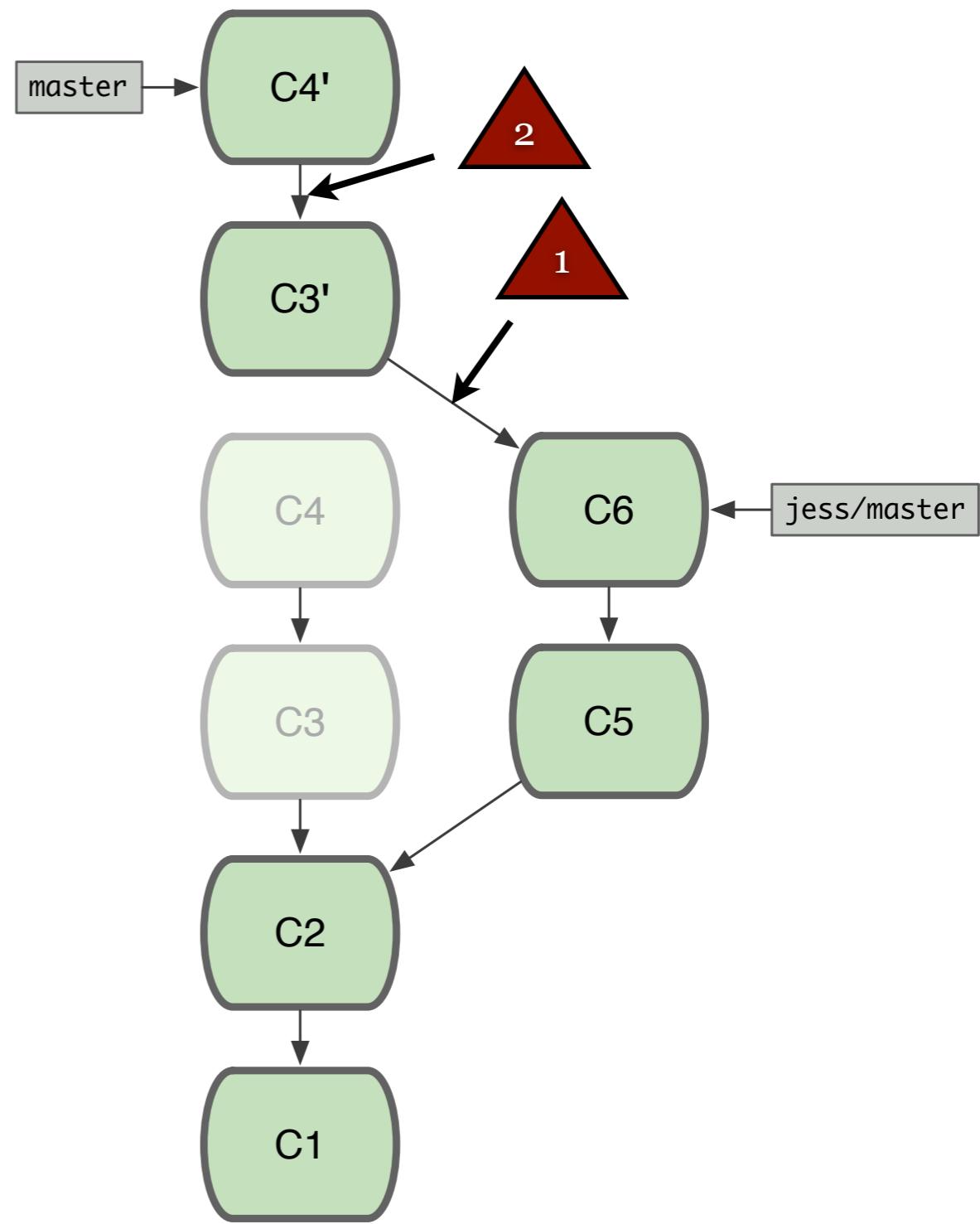
git rebase



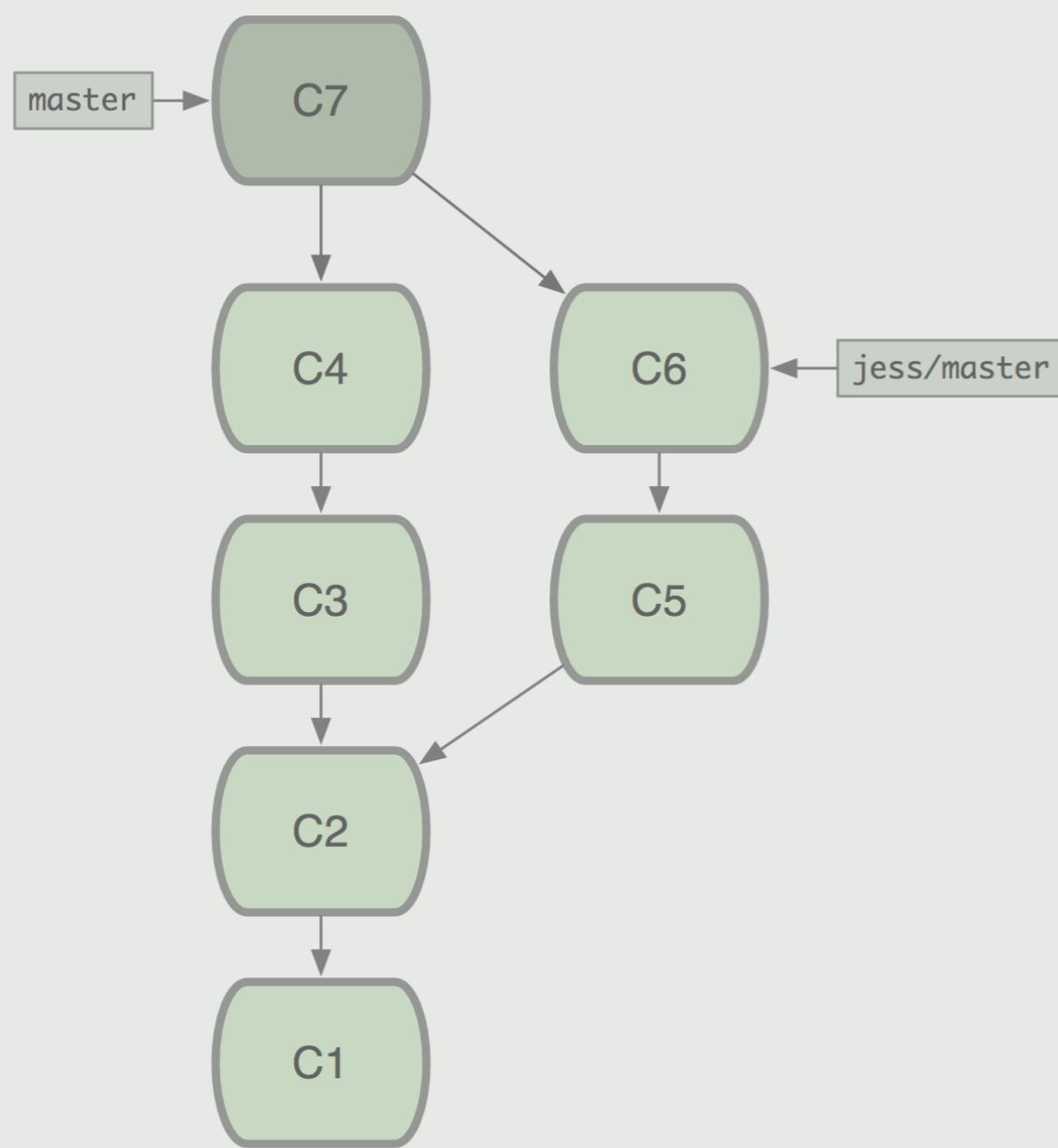
git merge



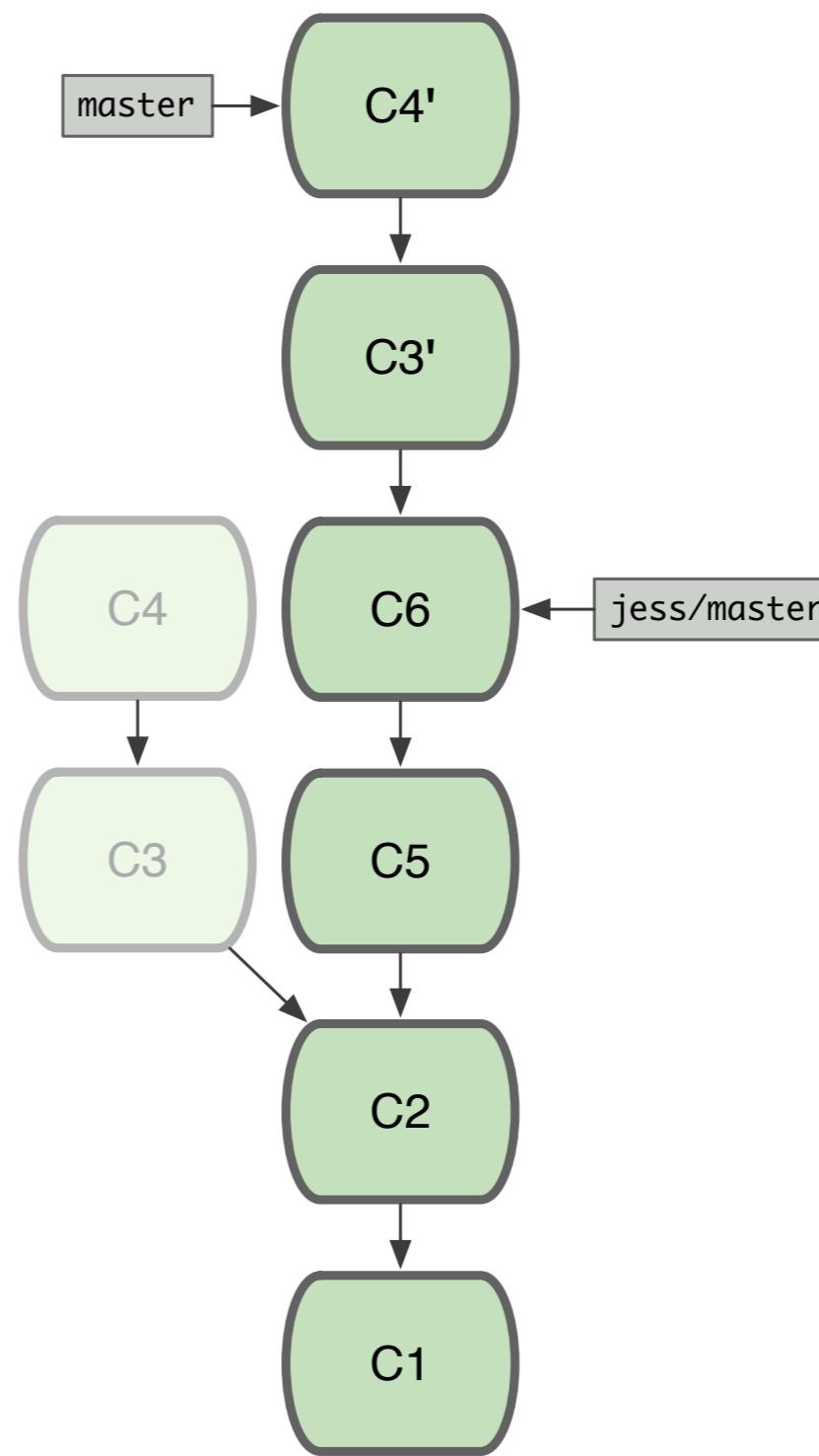
git rebase



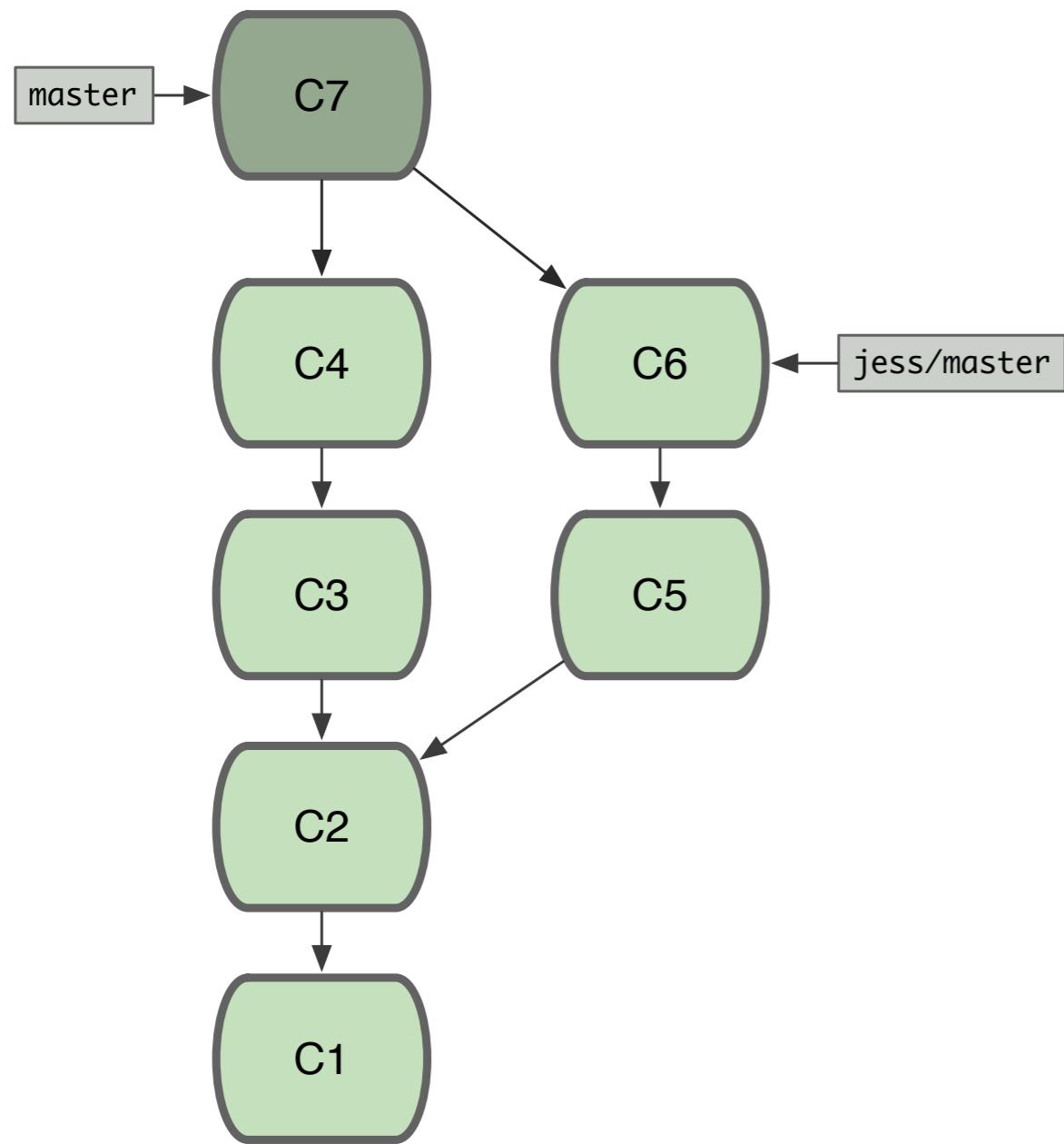
git merge



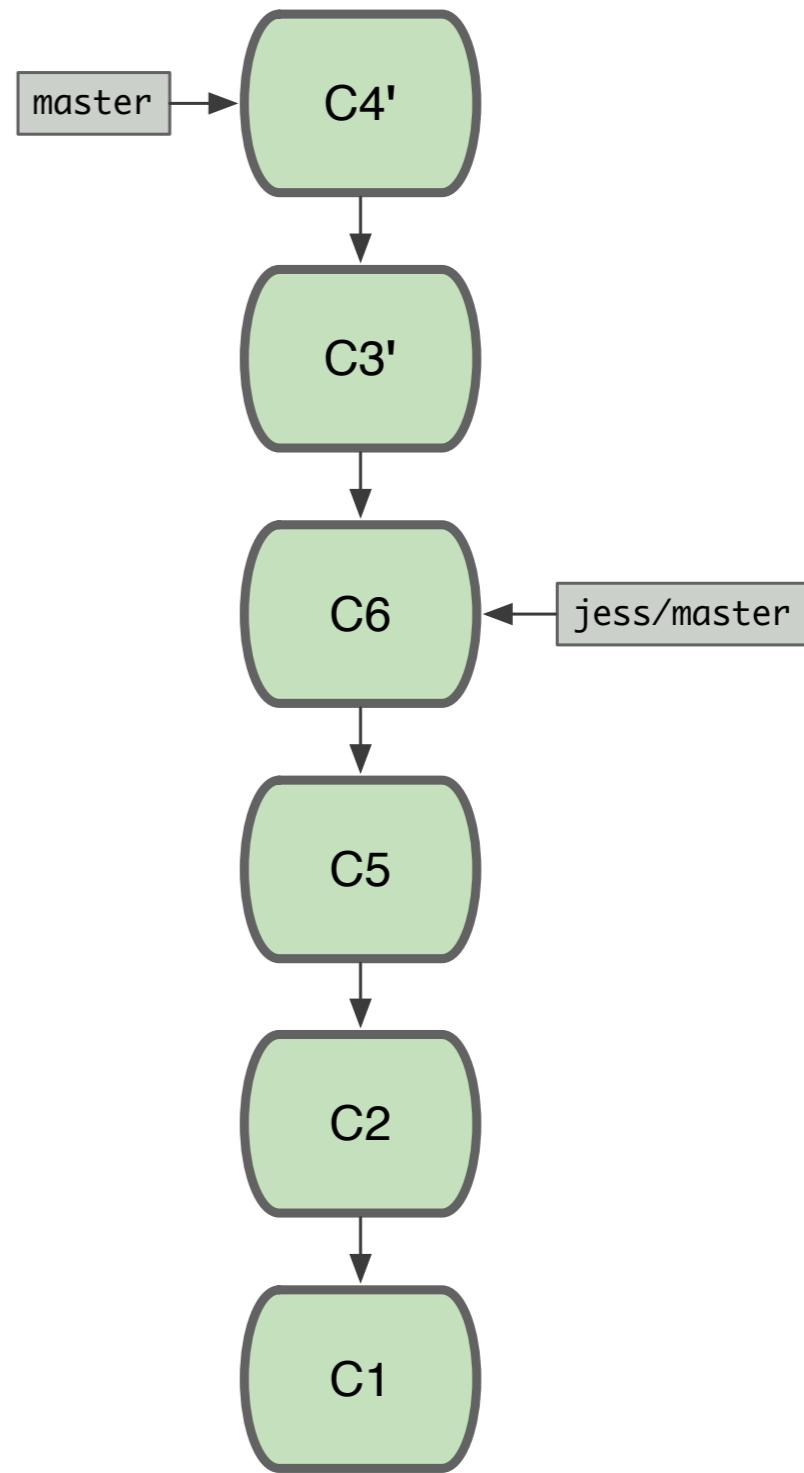
git rebase



git merge



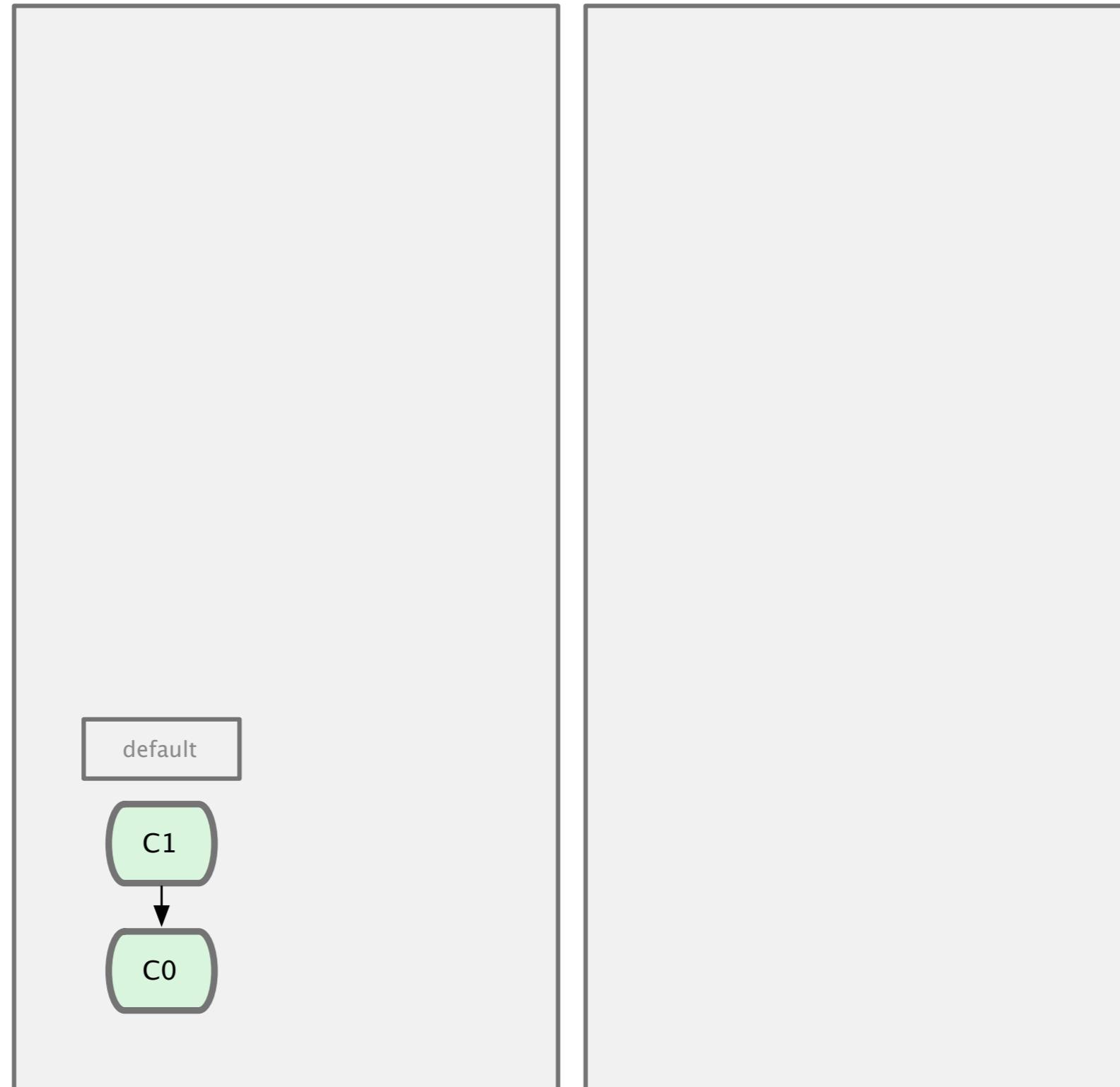
git rebase



The Perils

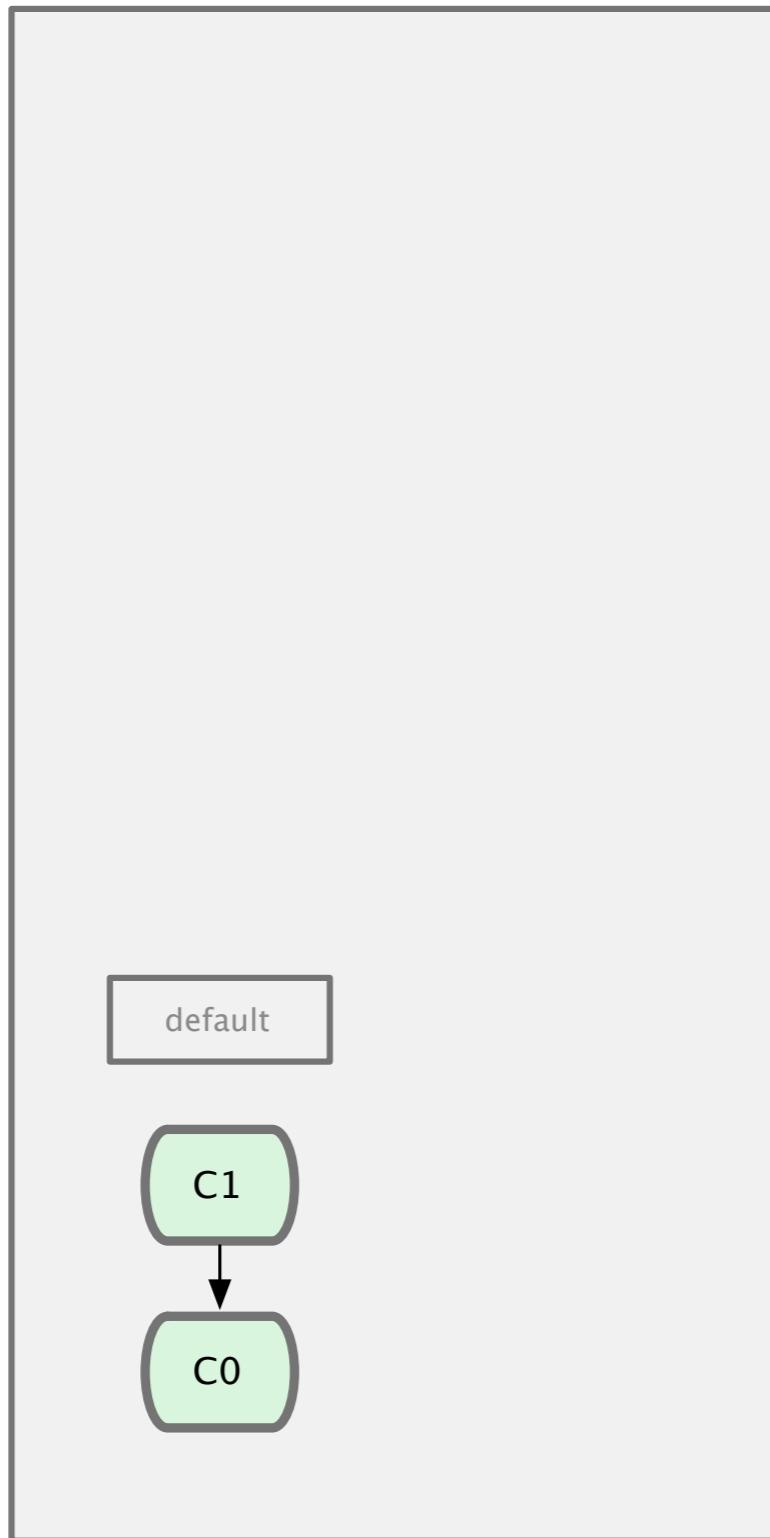
scott

jessica

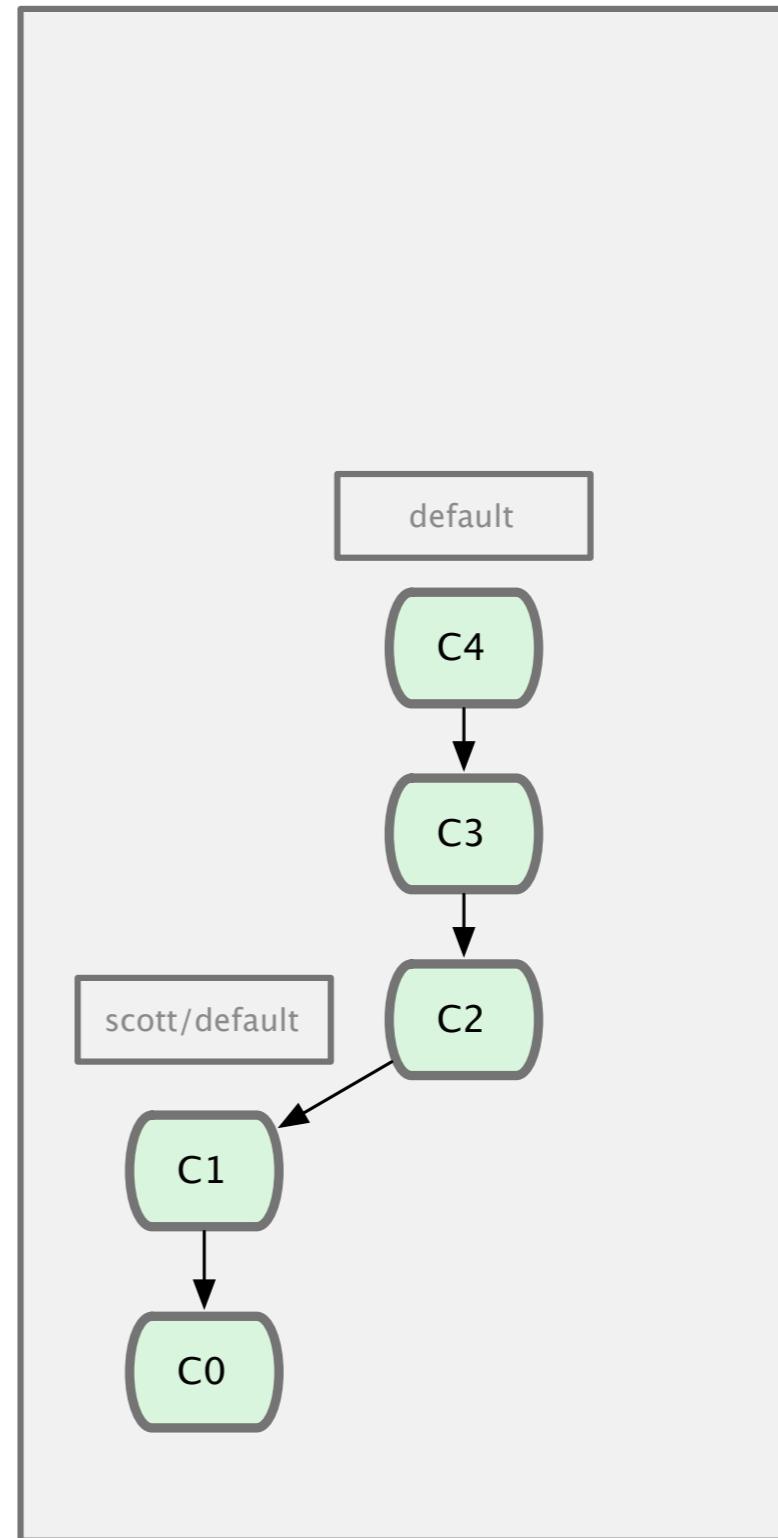


git commit

scott



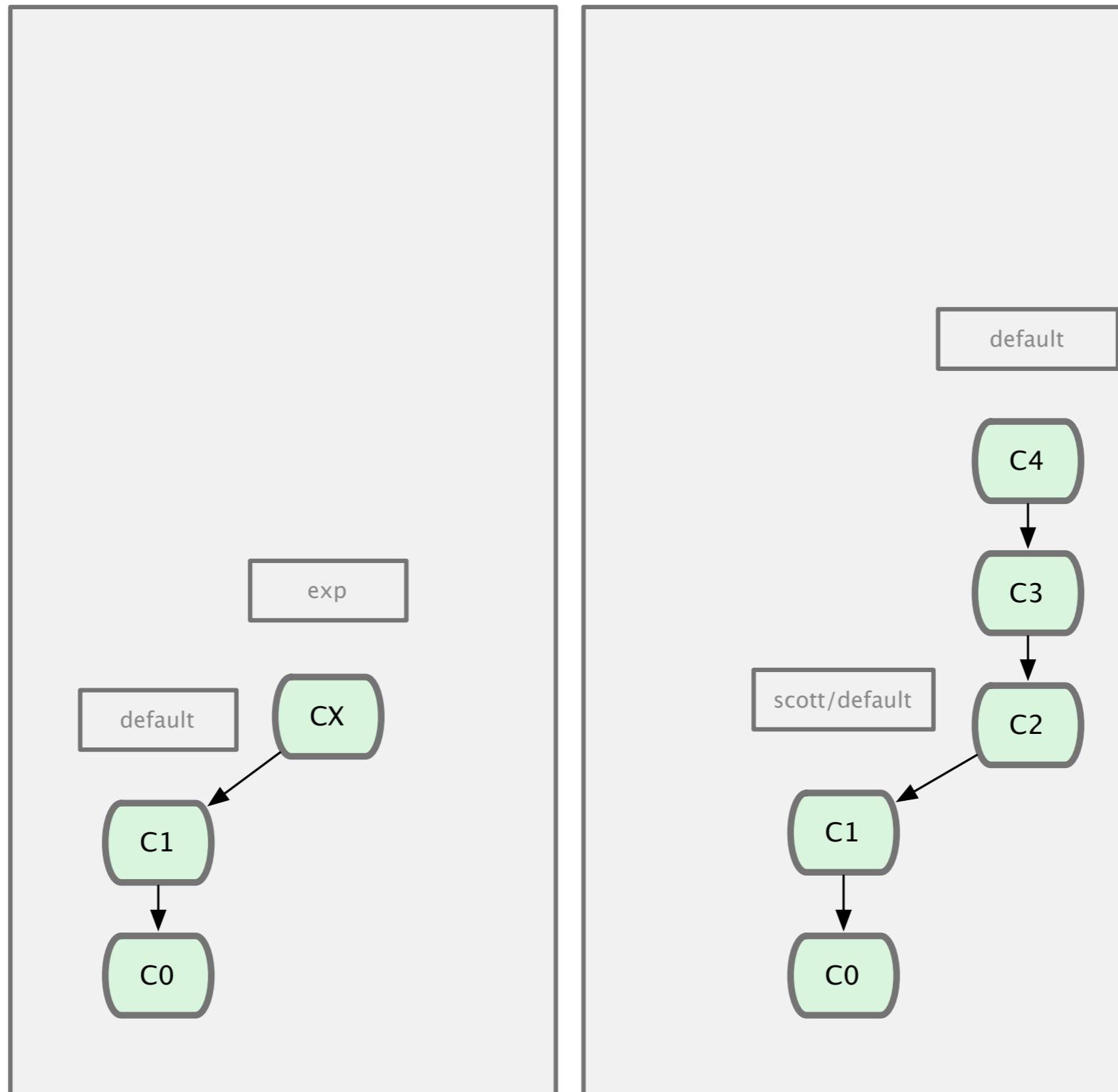
jessica



git pull
git commit

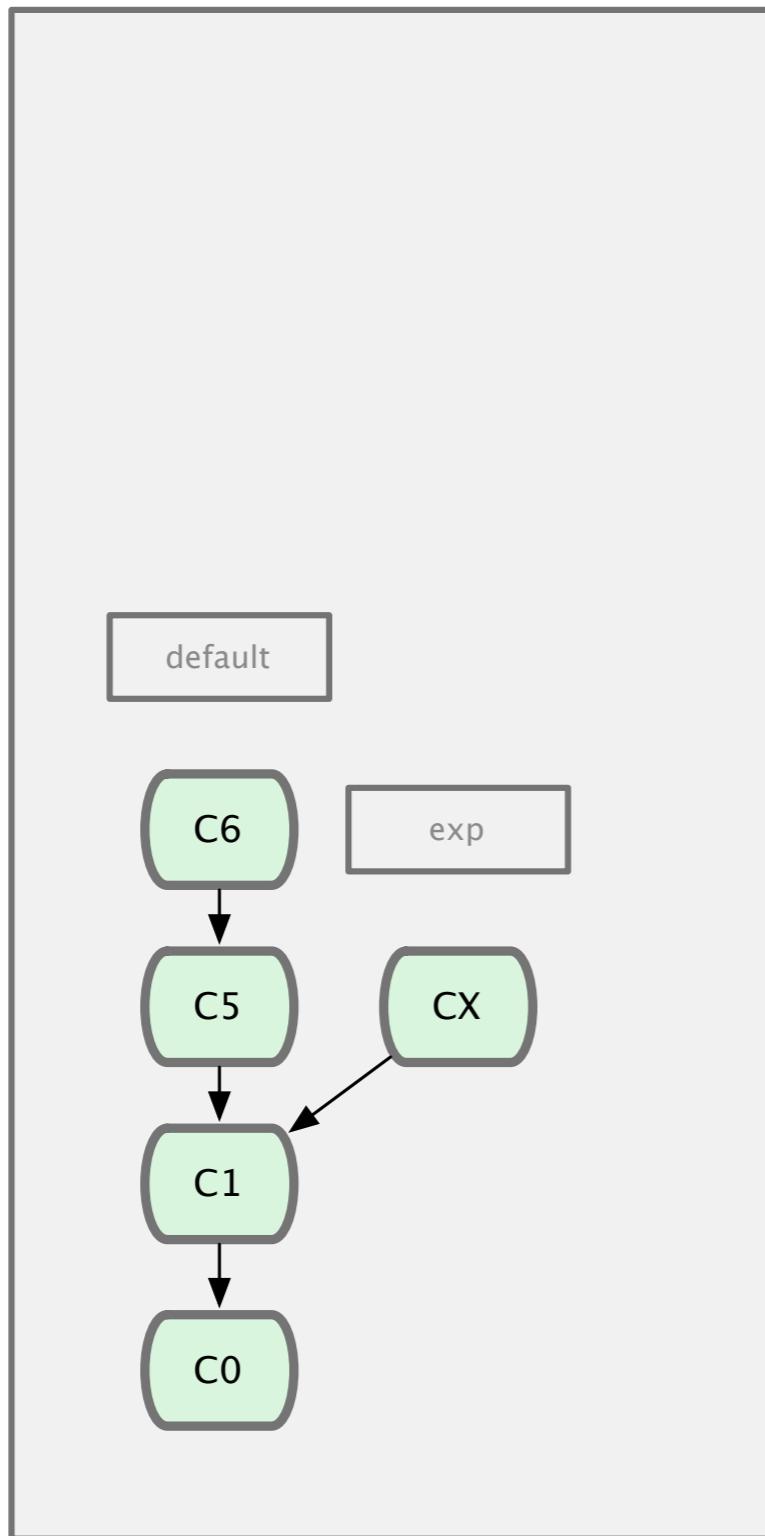
scott

jessica

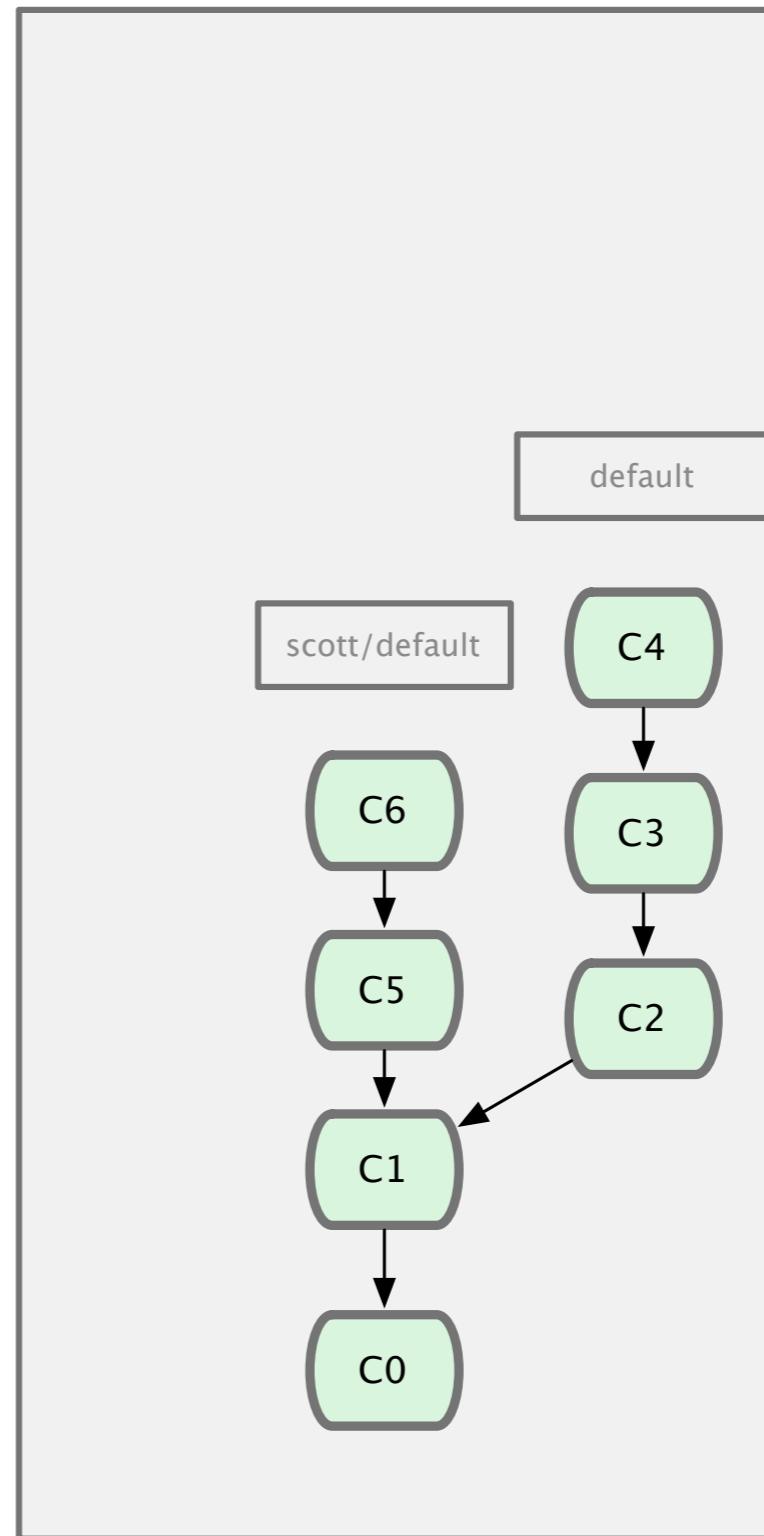


git checkout -b exp
git commit

scott



jessica

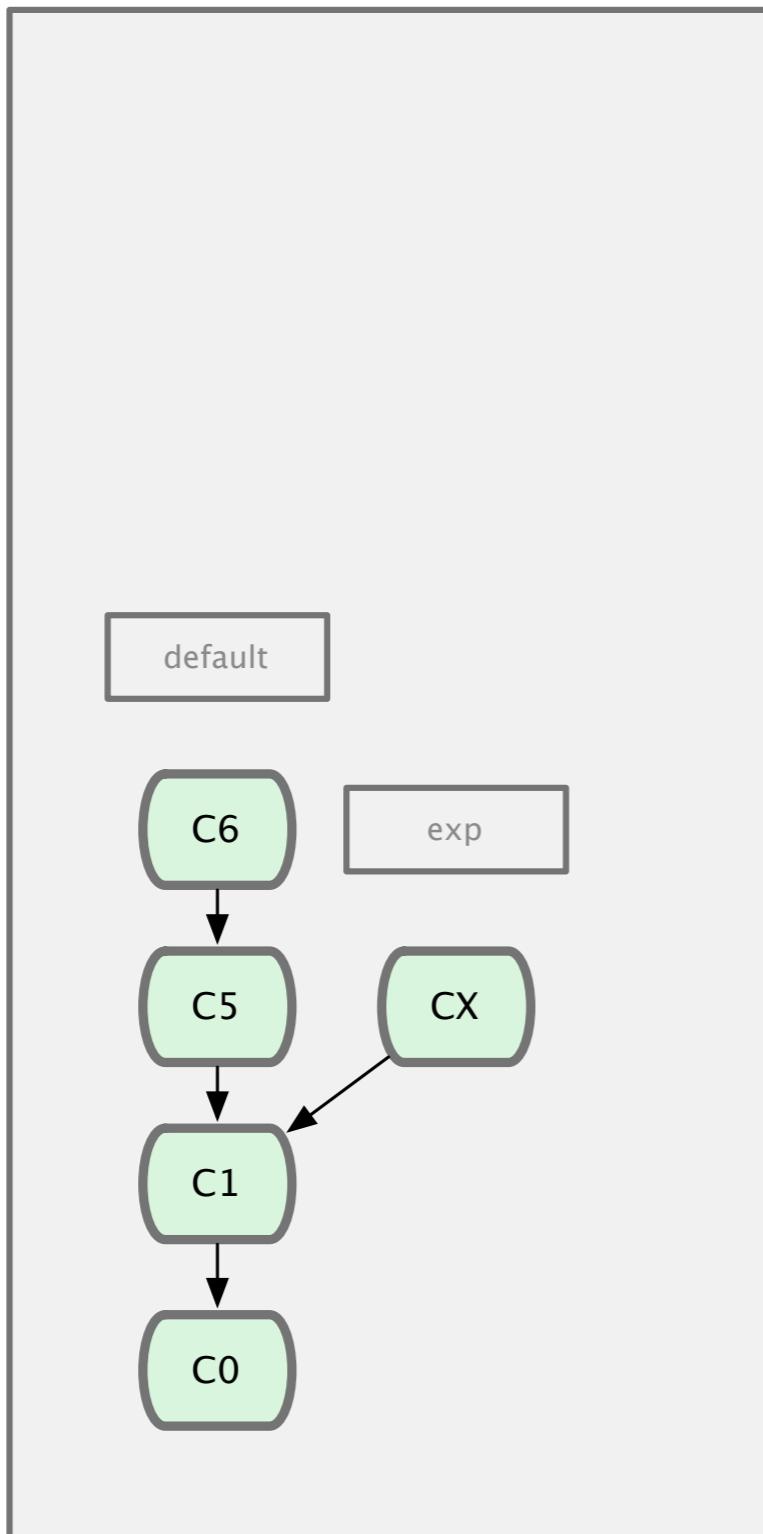


git checkout default

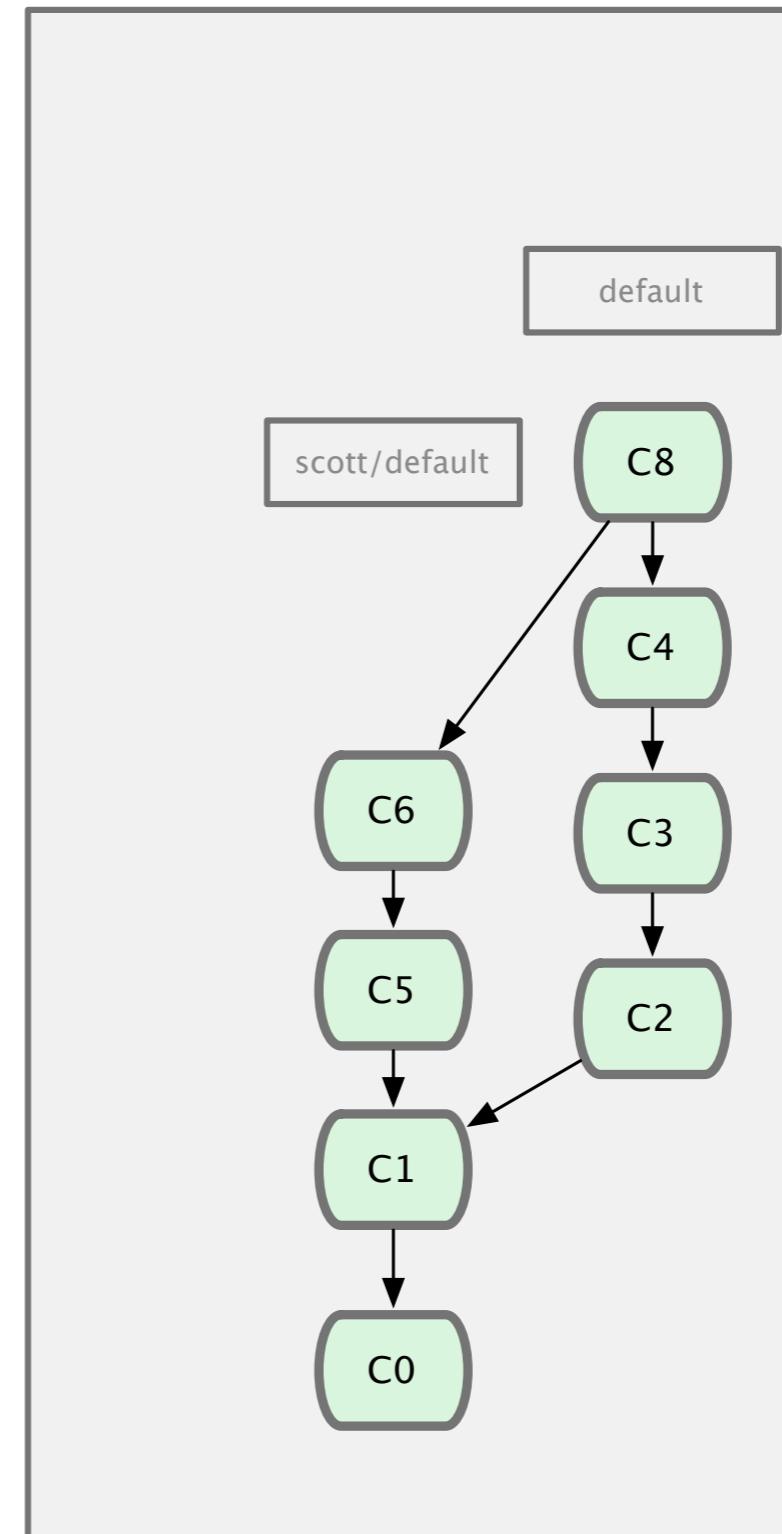
git commit

git fetch

scott



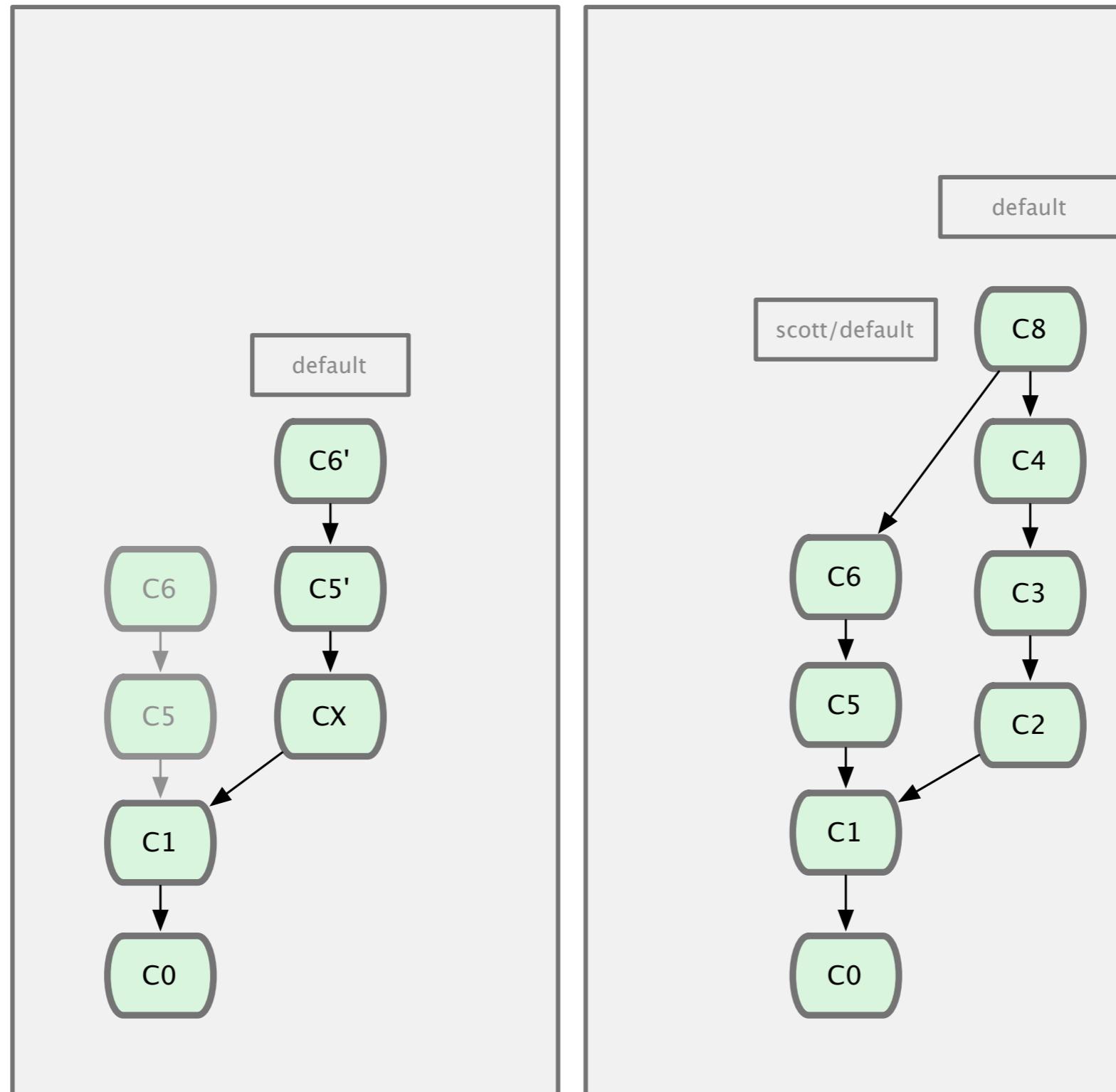
jessica



git merge

scott

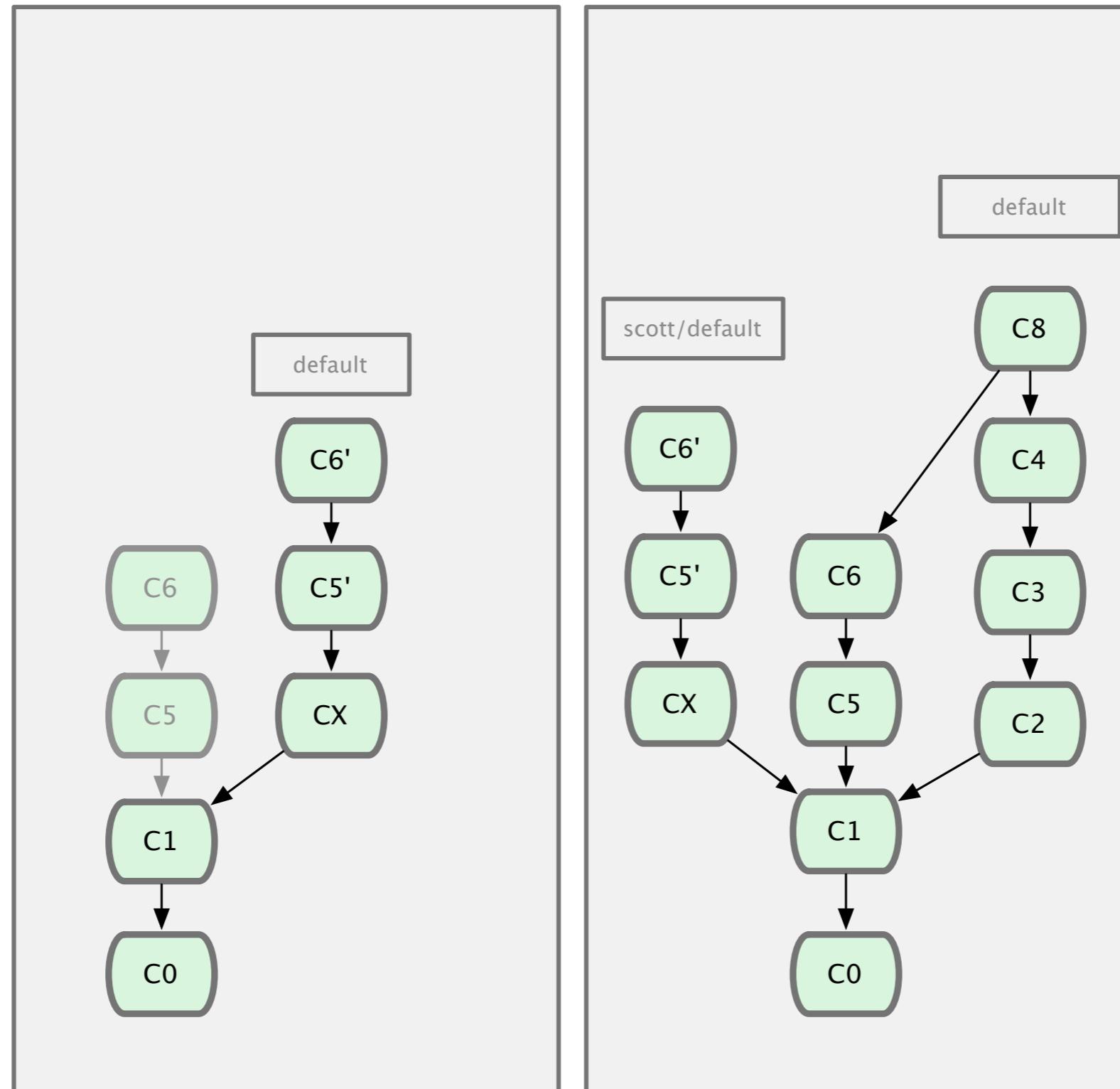
jessica



git rebase exp default

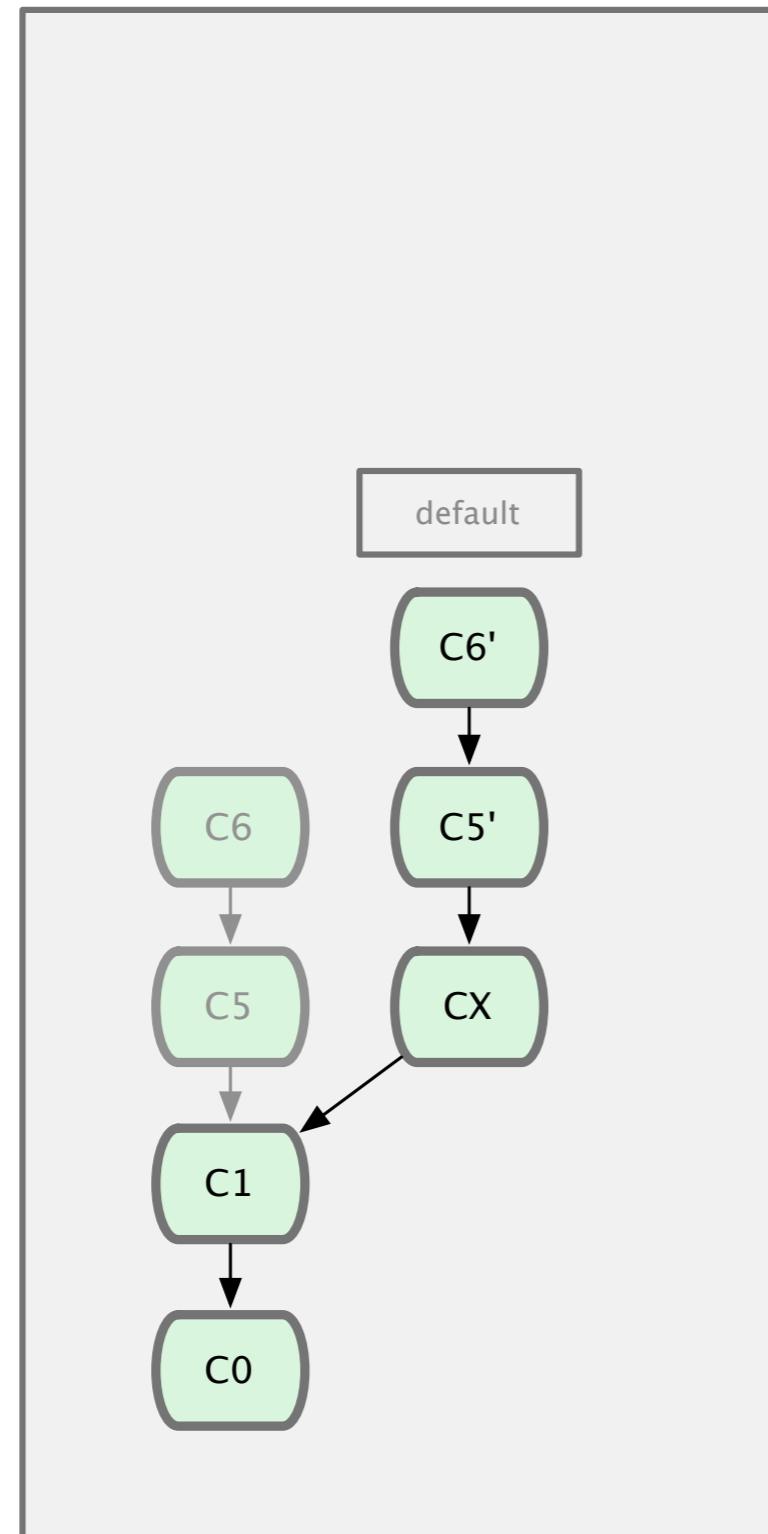
scott

jessica

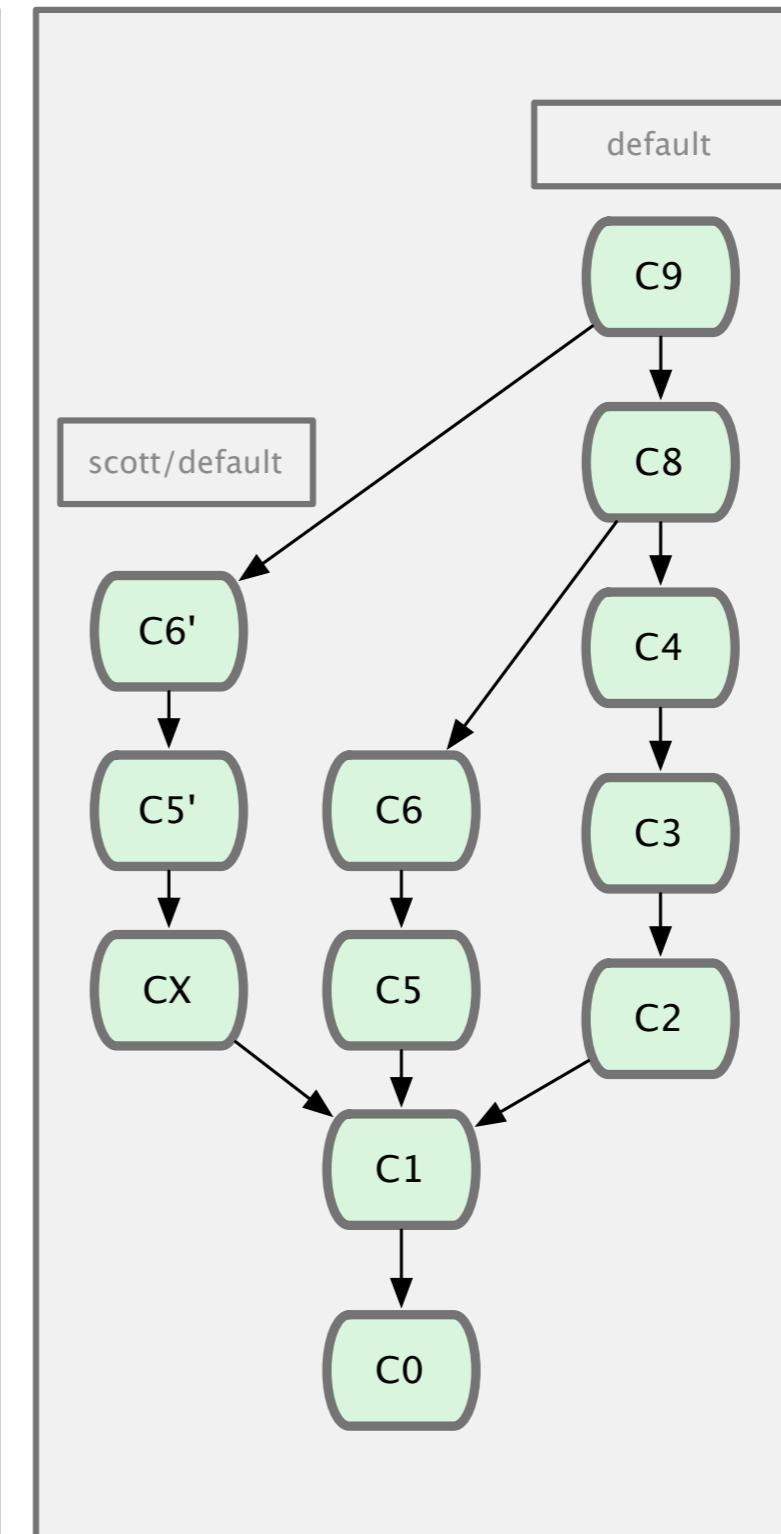


git fetch

scott



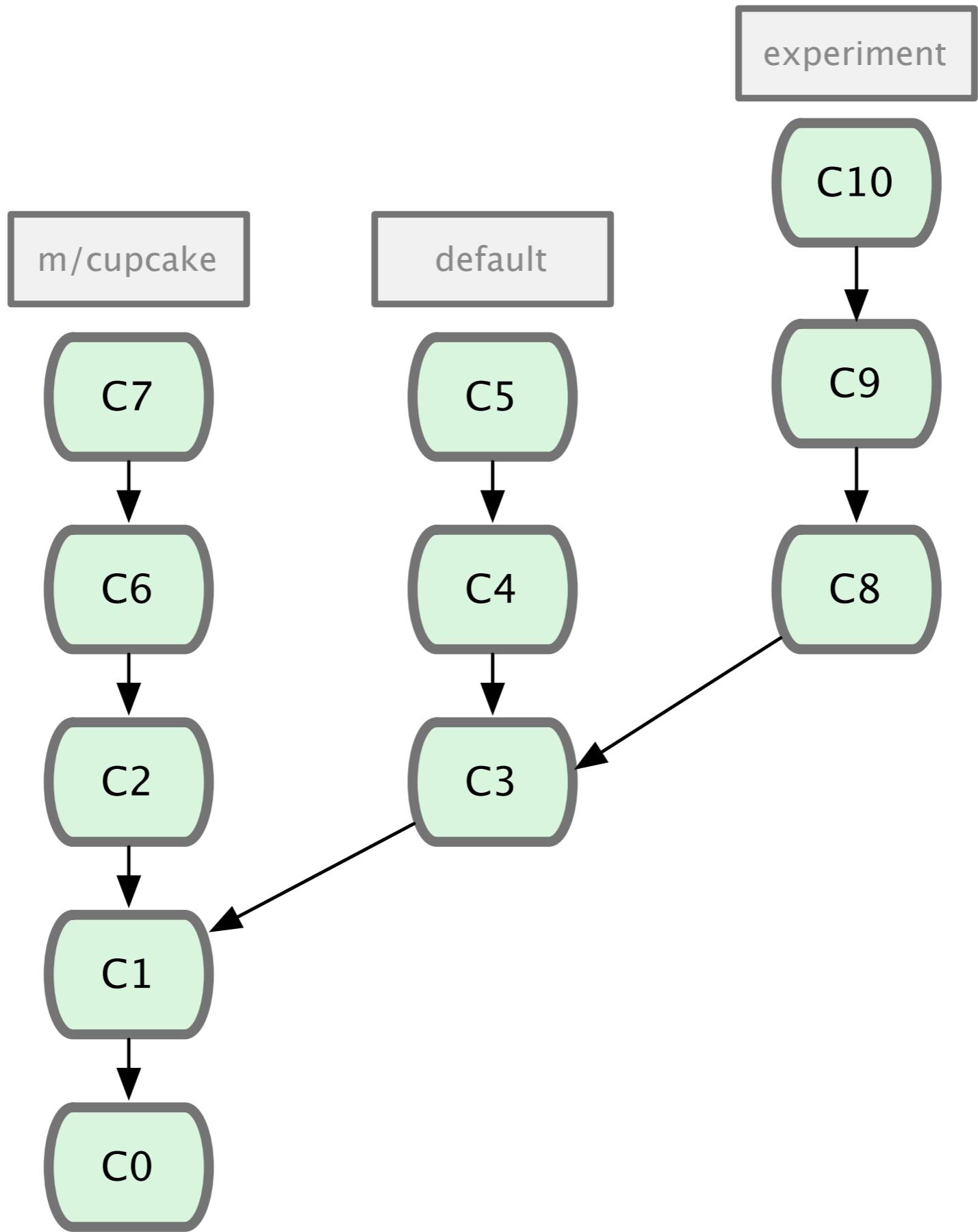
jessica

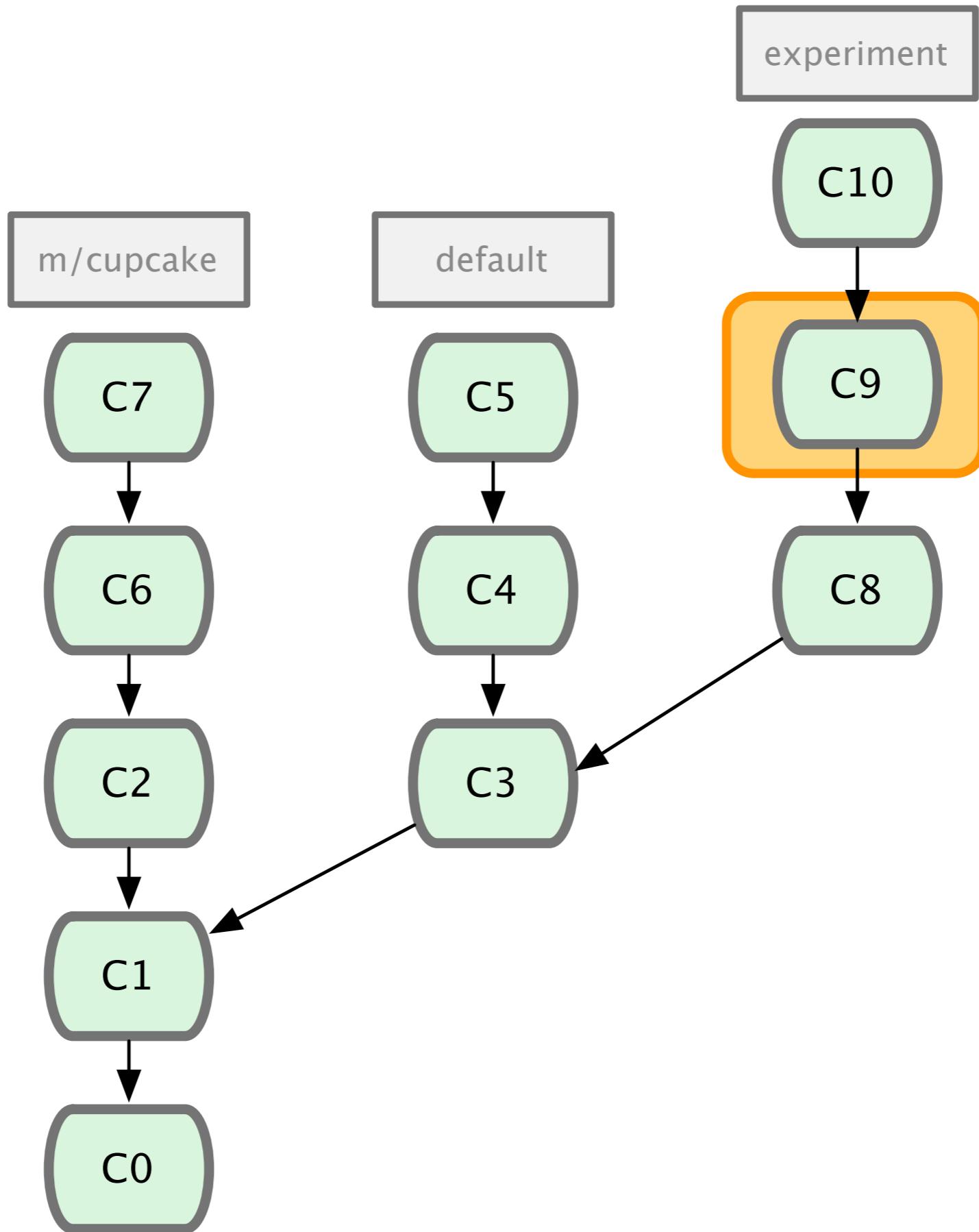


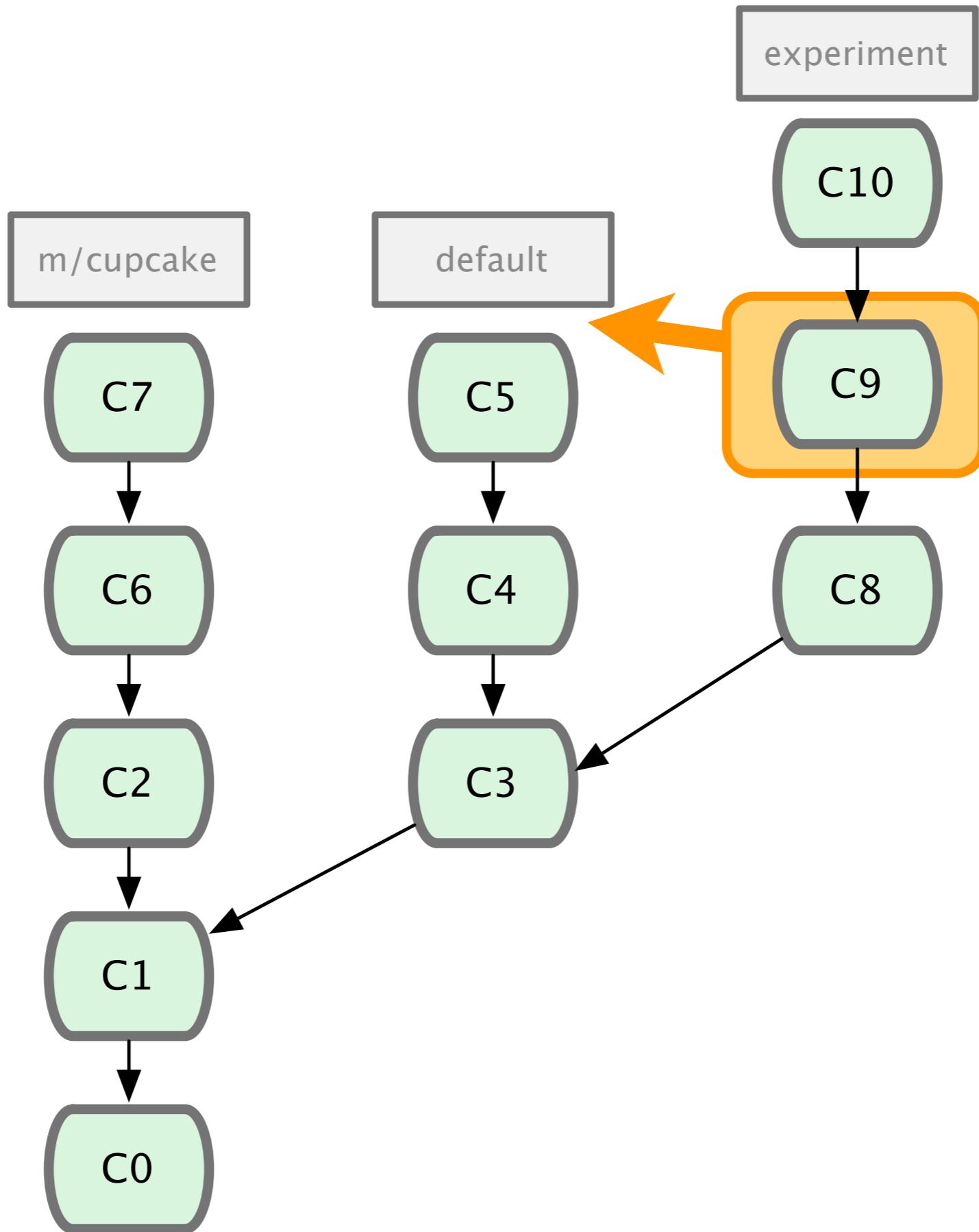
git shit

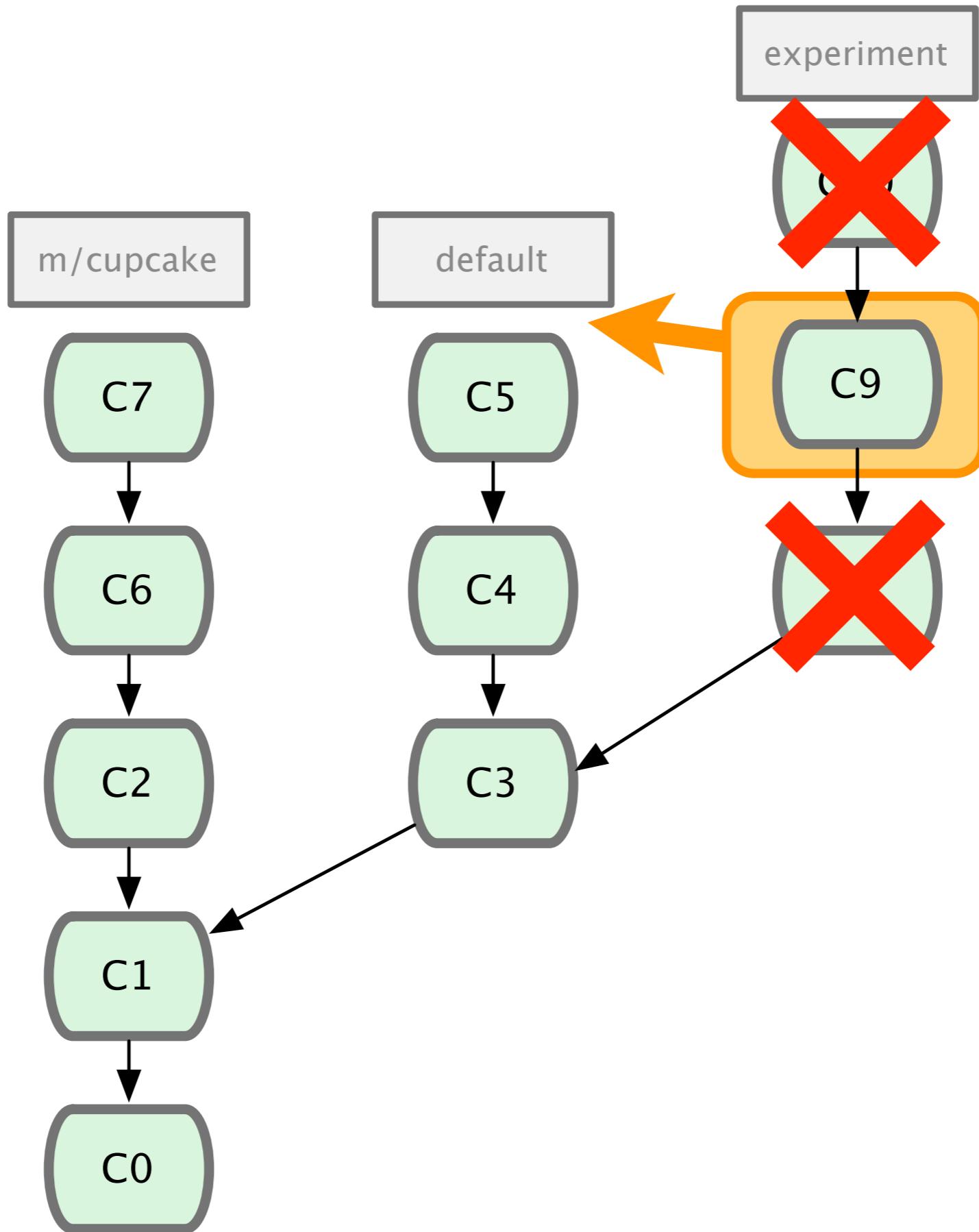
Cherry Picking

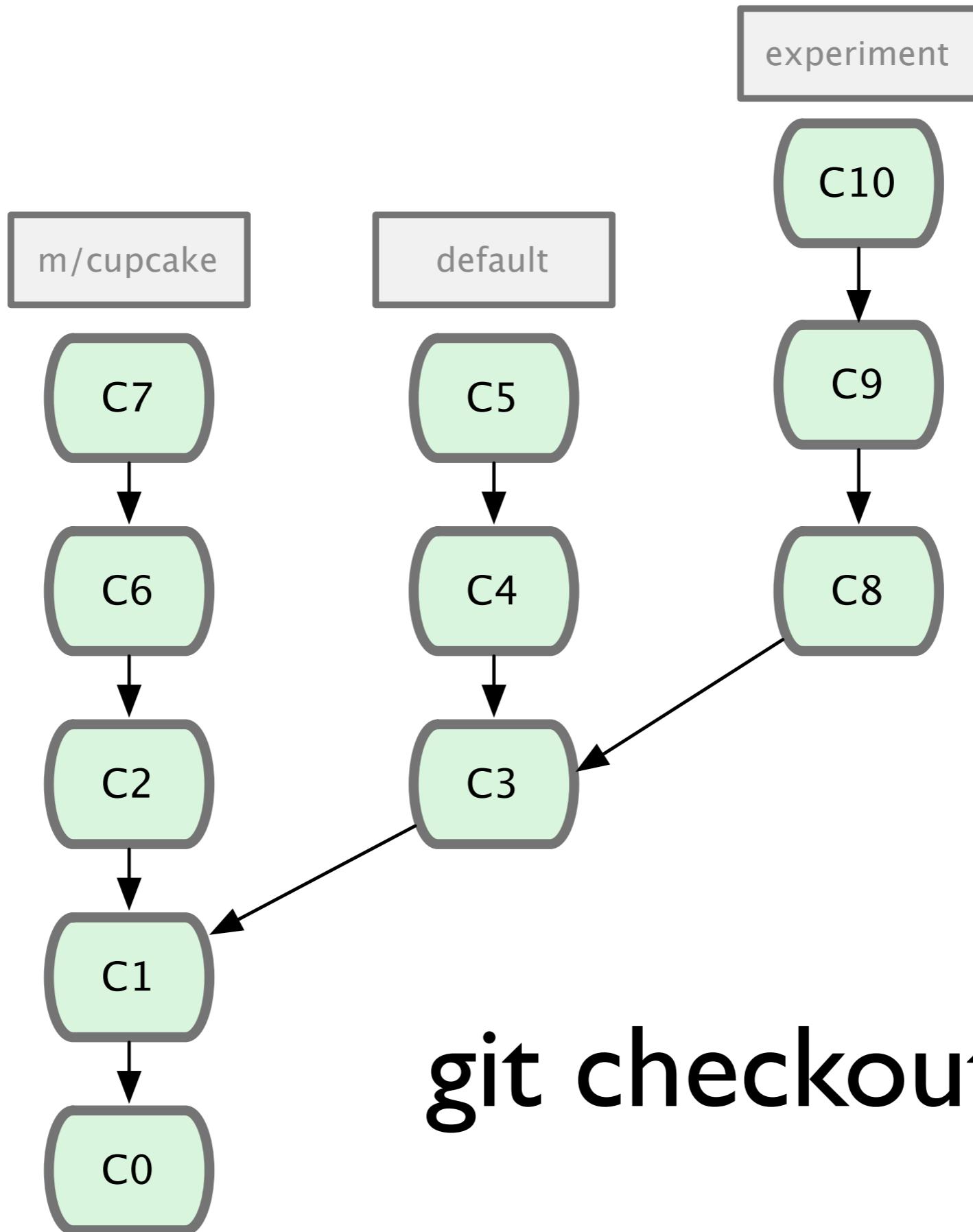
git cherry-pick 3f40a



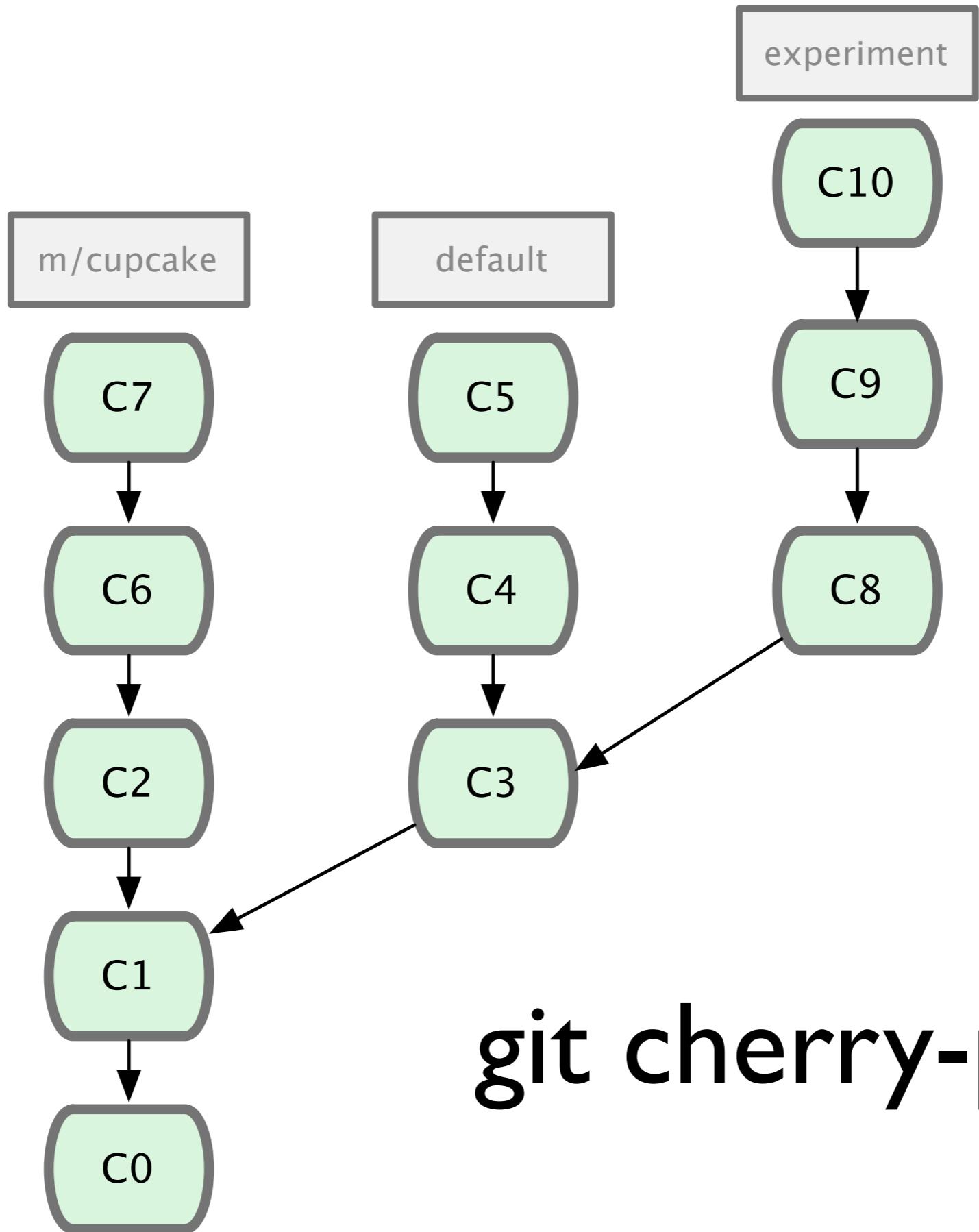




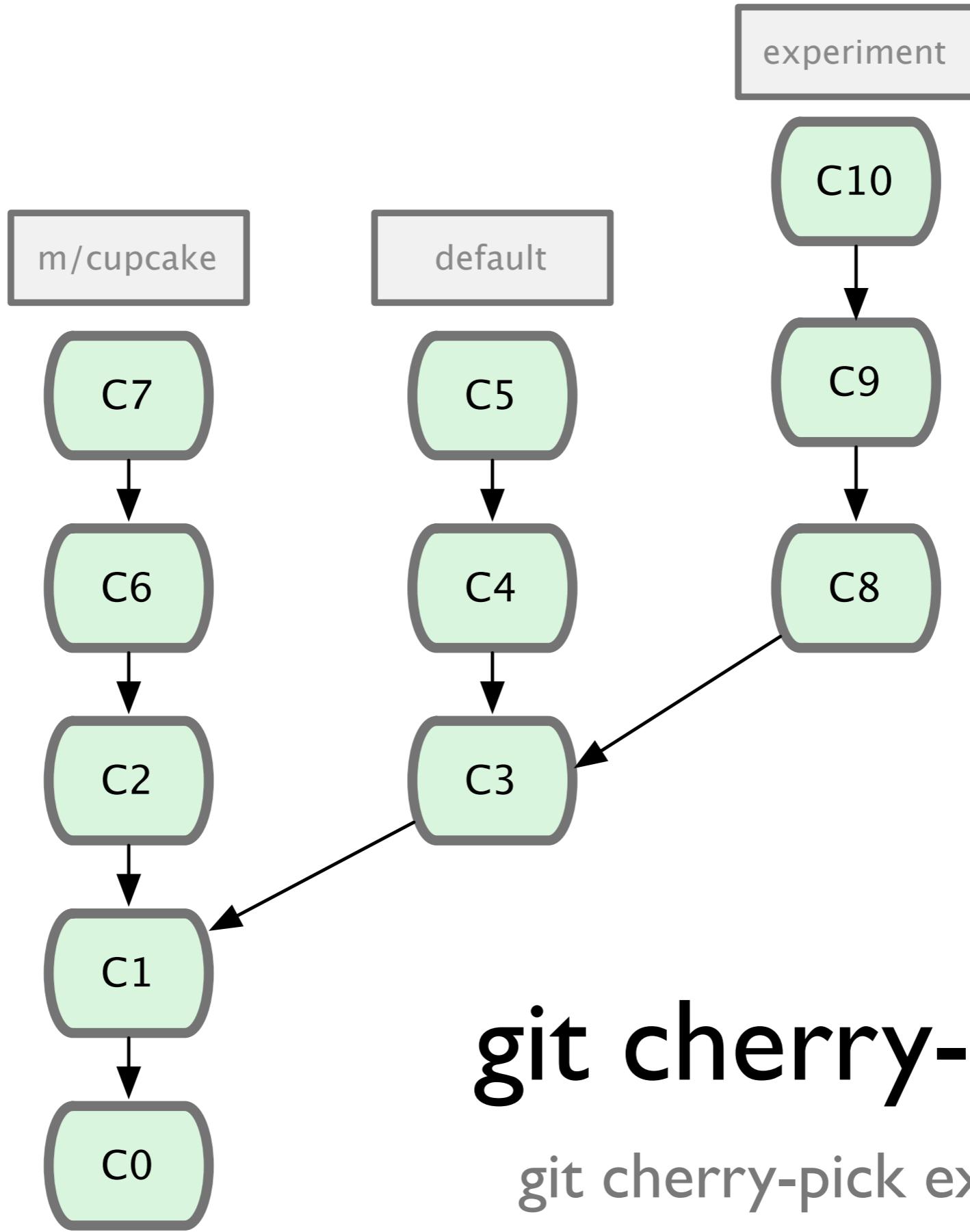




git checkout default

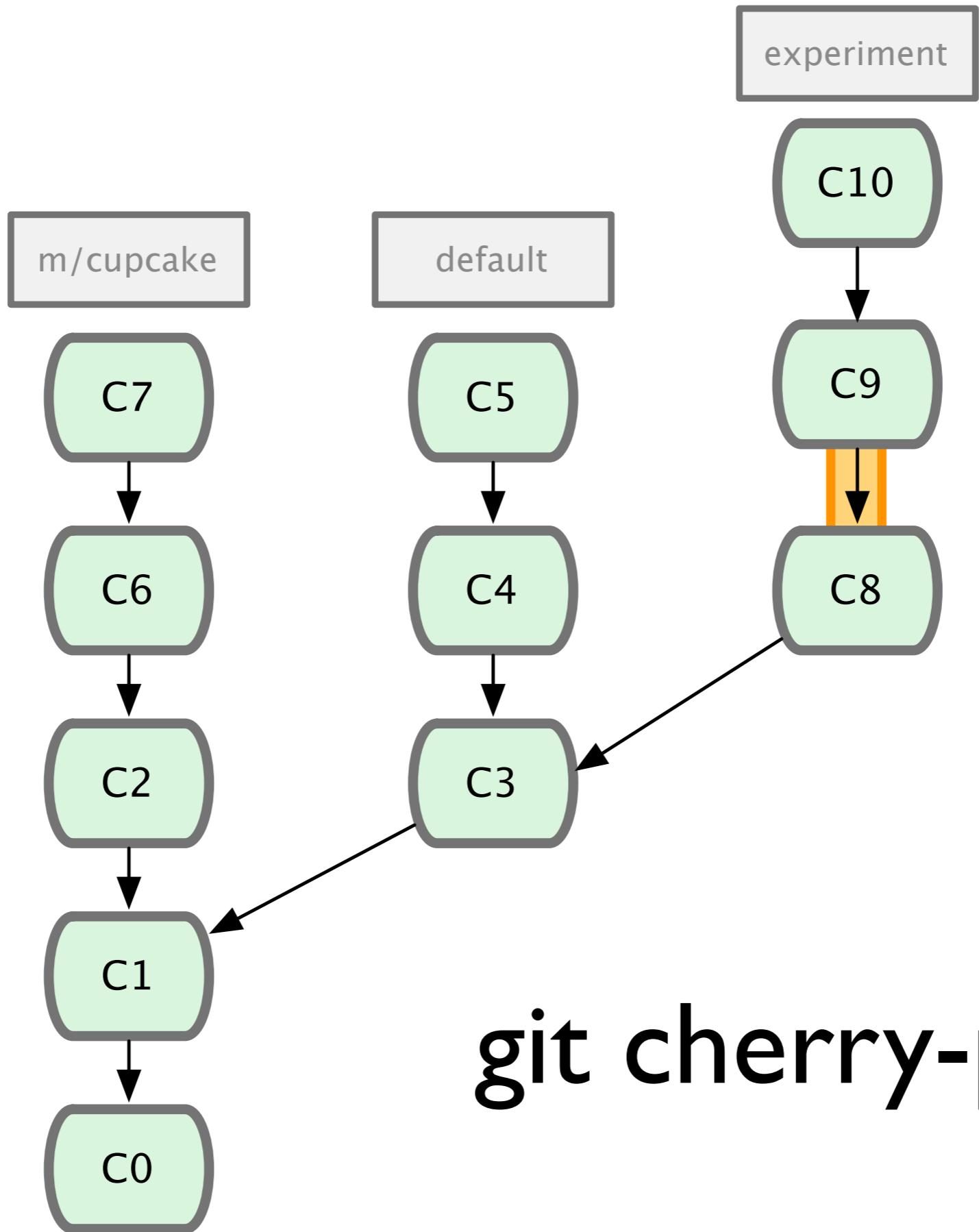


git cherry-pick c9

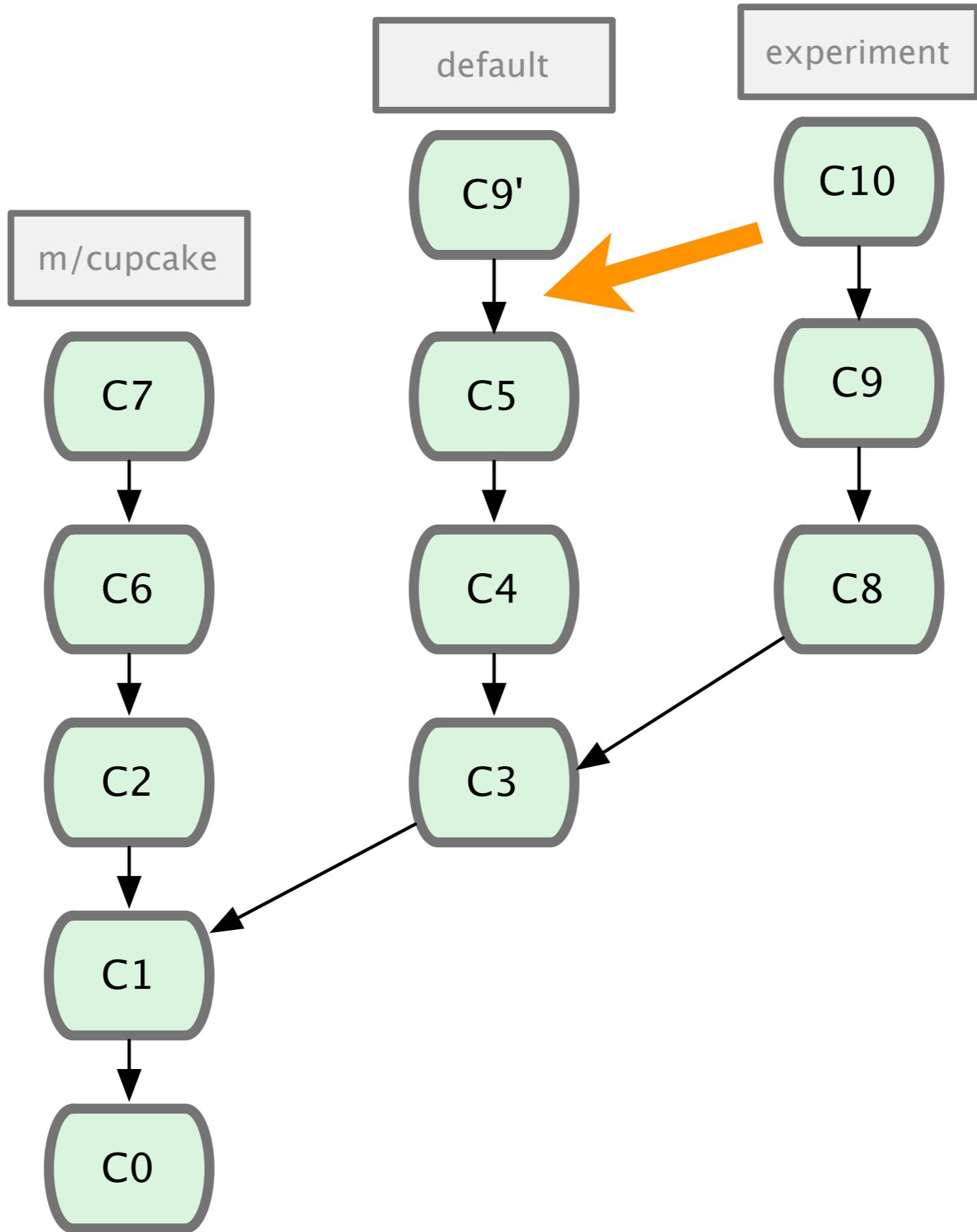


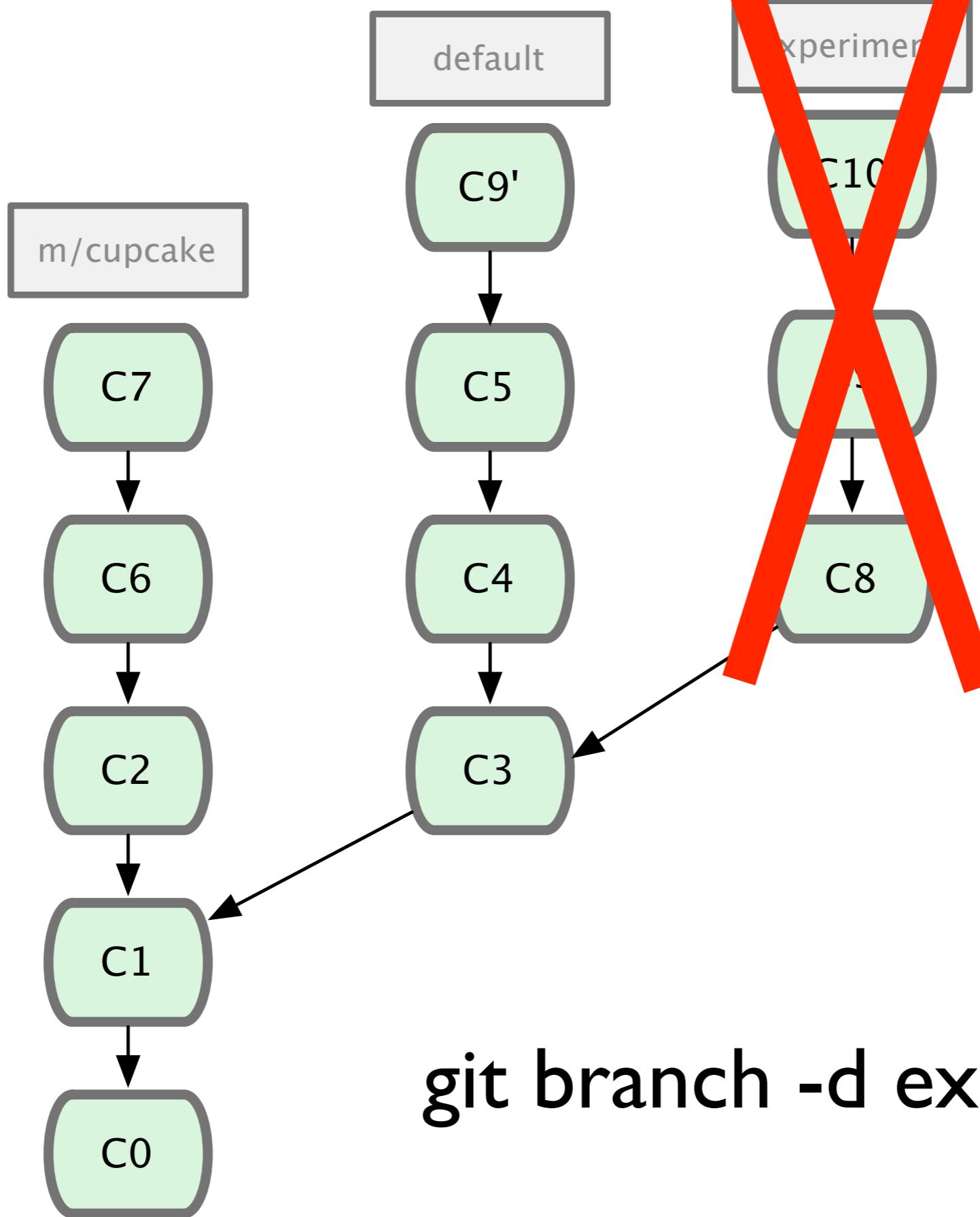
git cherry-pick c9

git cherry-pick experiment^

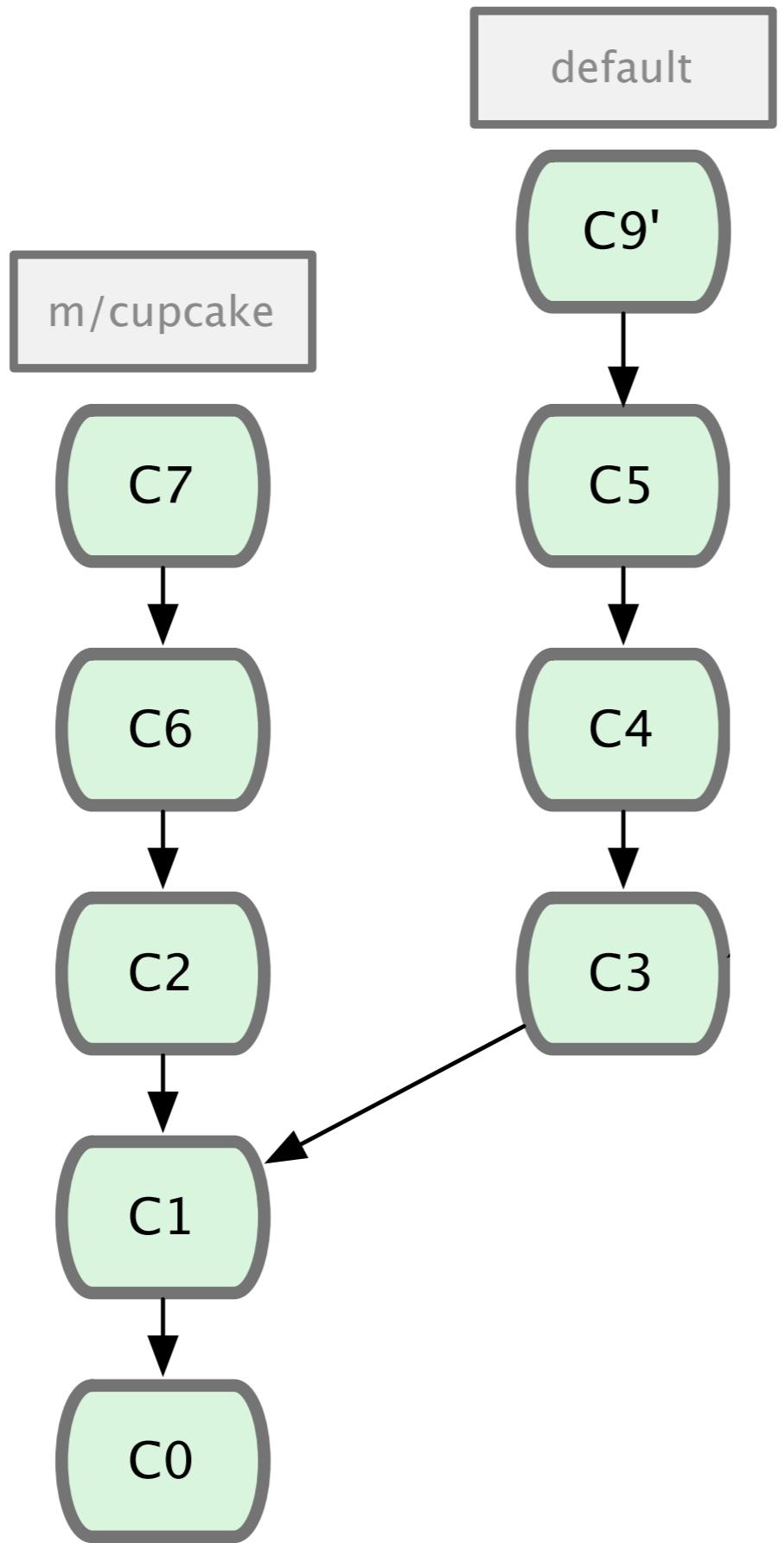


git cherry-pick c9





```
git branch -d experiment
```



Remotes

Distributed Workflow

local repo

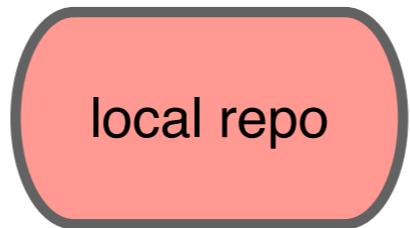
public repo

public repo

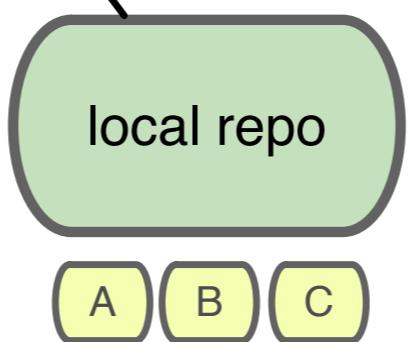
internet

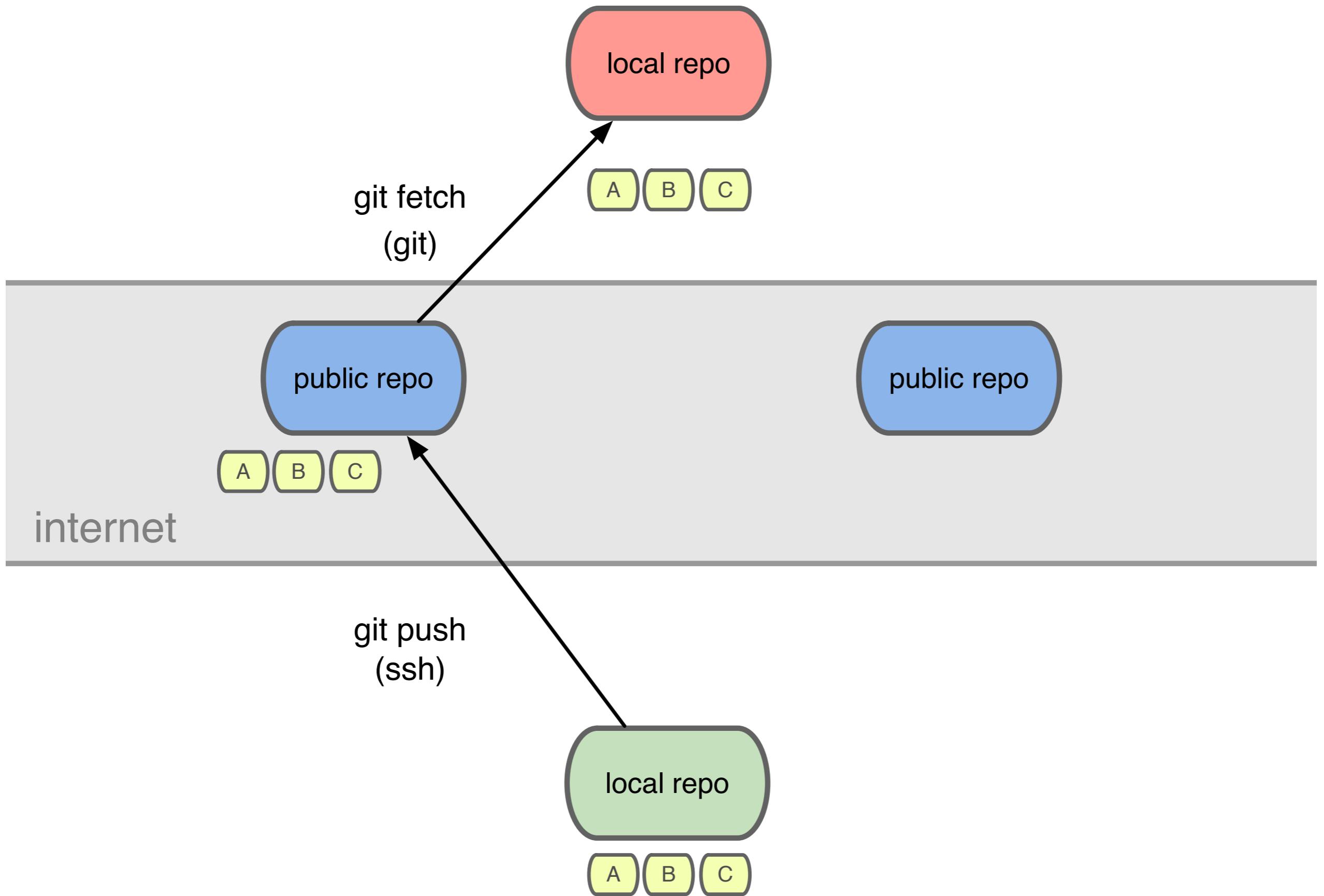
local repo

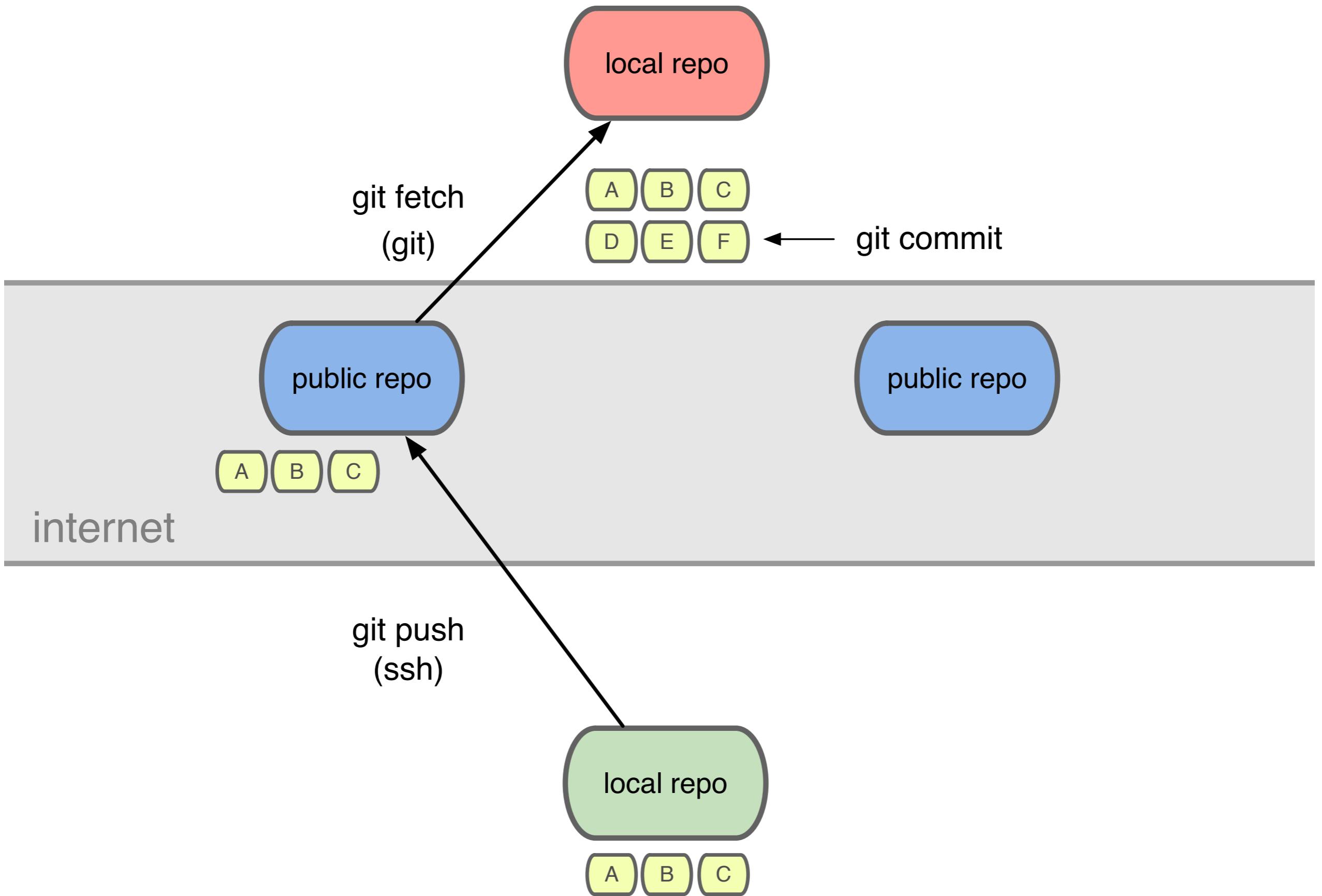
A B C

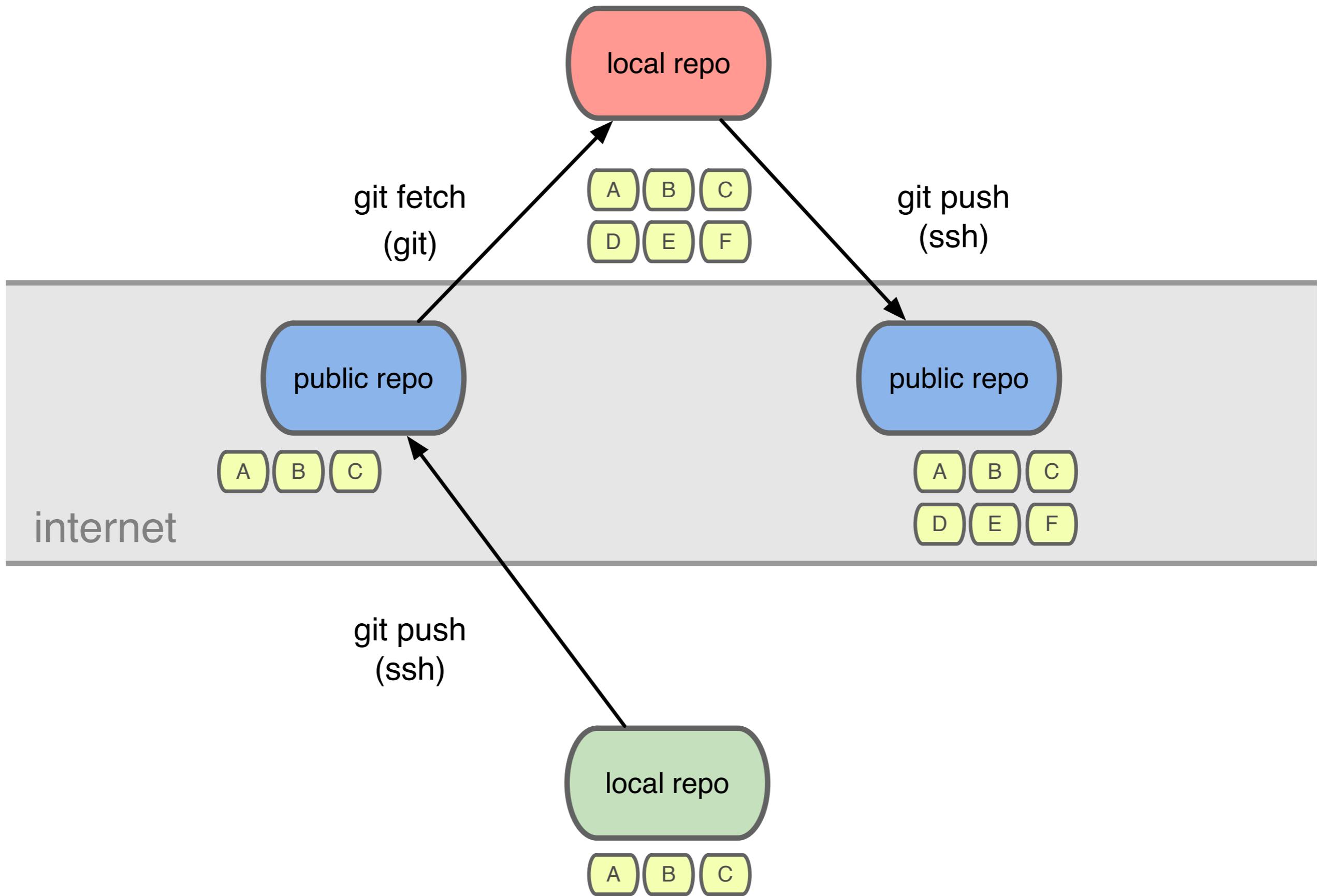


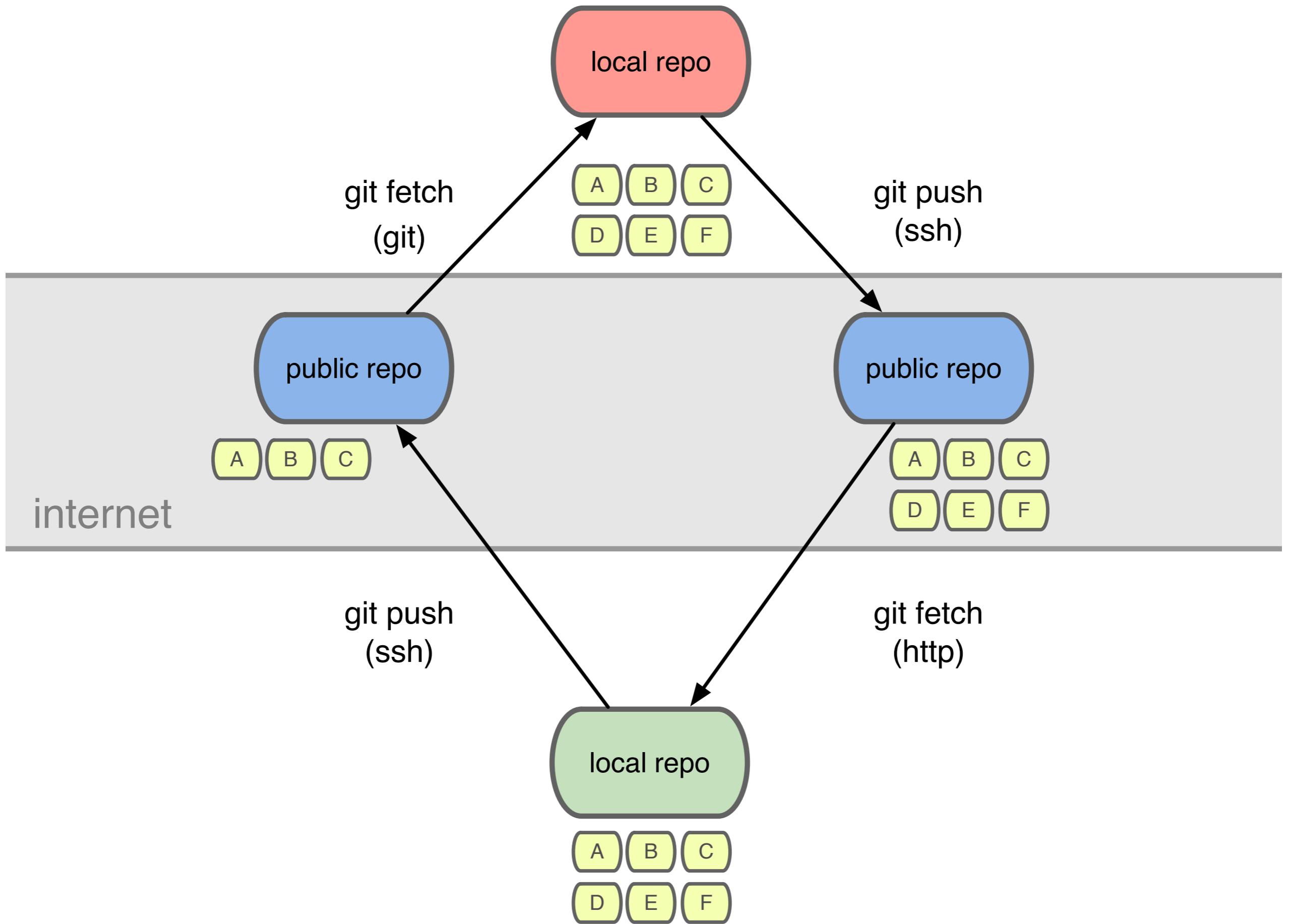
git push
(ssh)

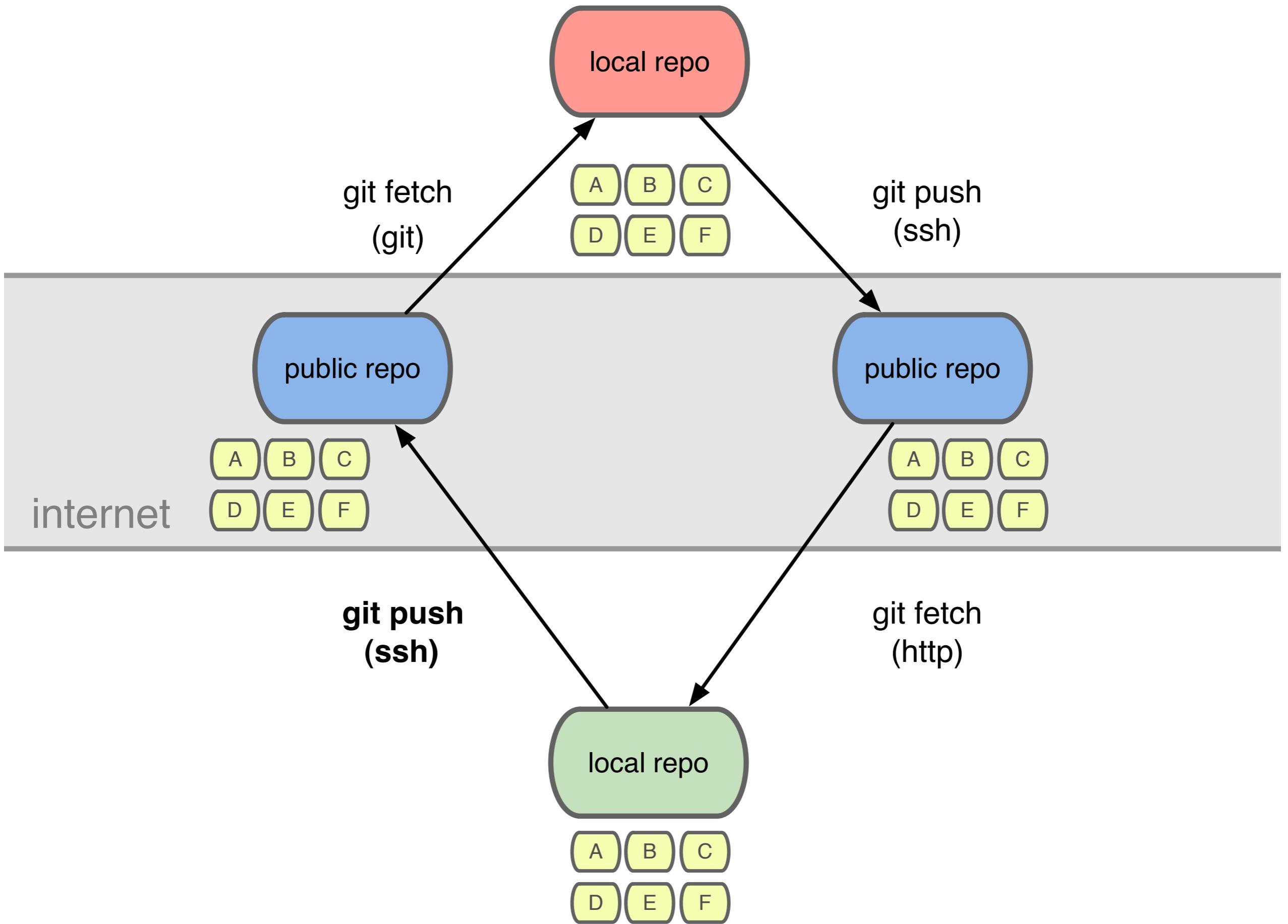








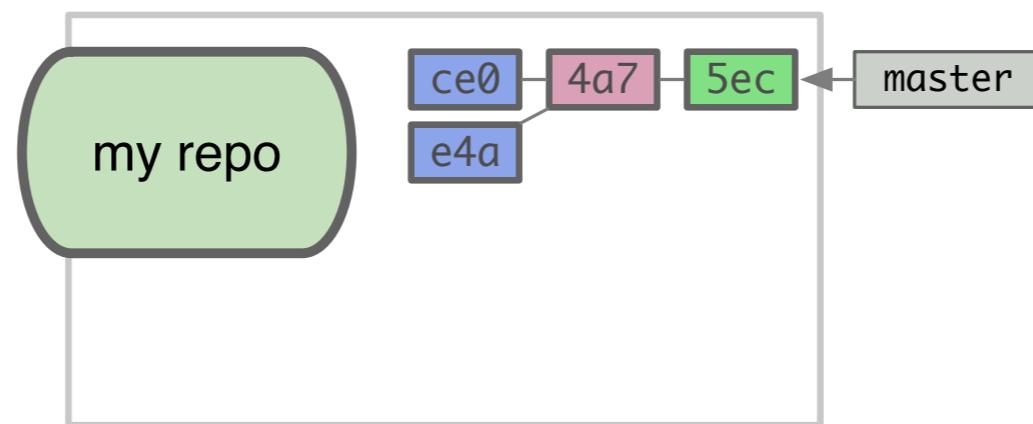




Multiple Remotes

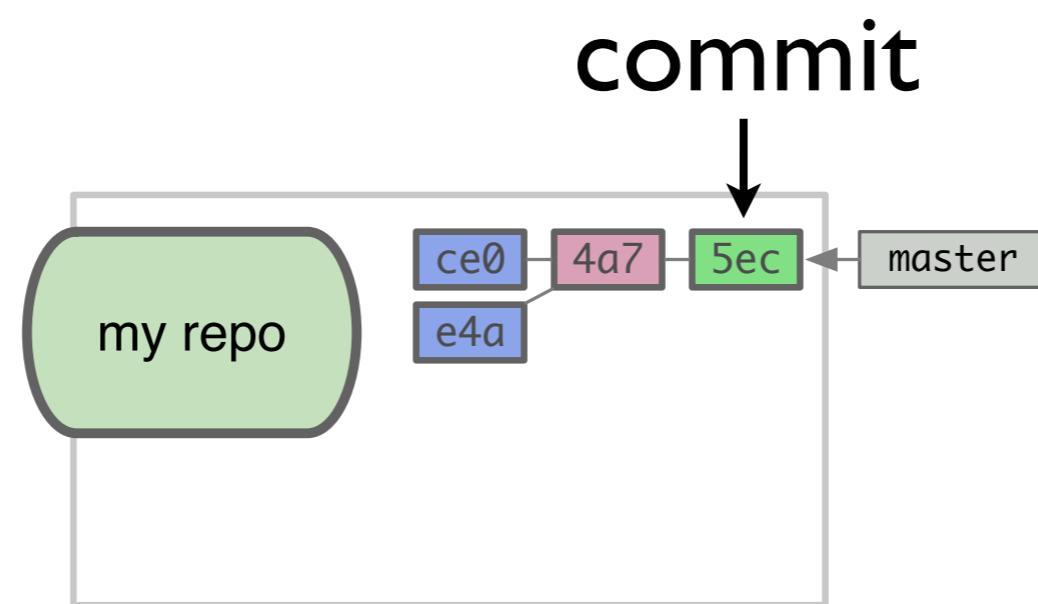
developer
nick

developer
jessica



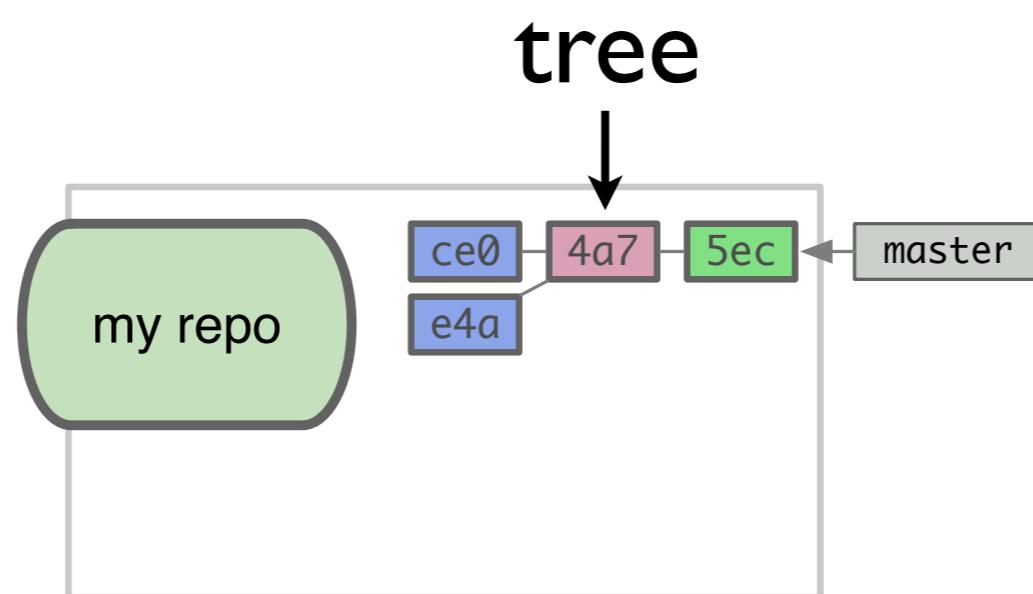
developer
nick

developer
jessica



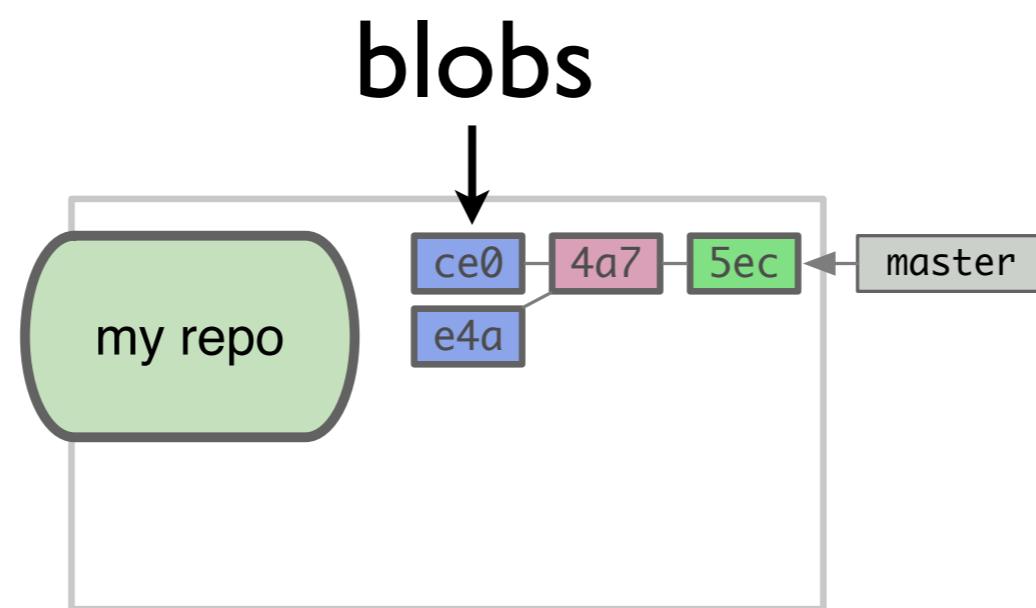
developer
nick

developer
jessica



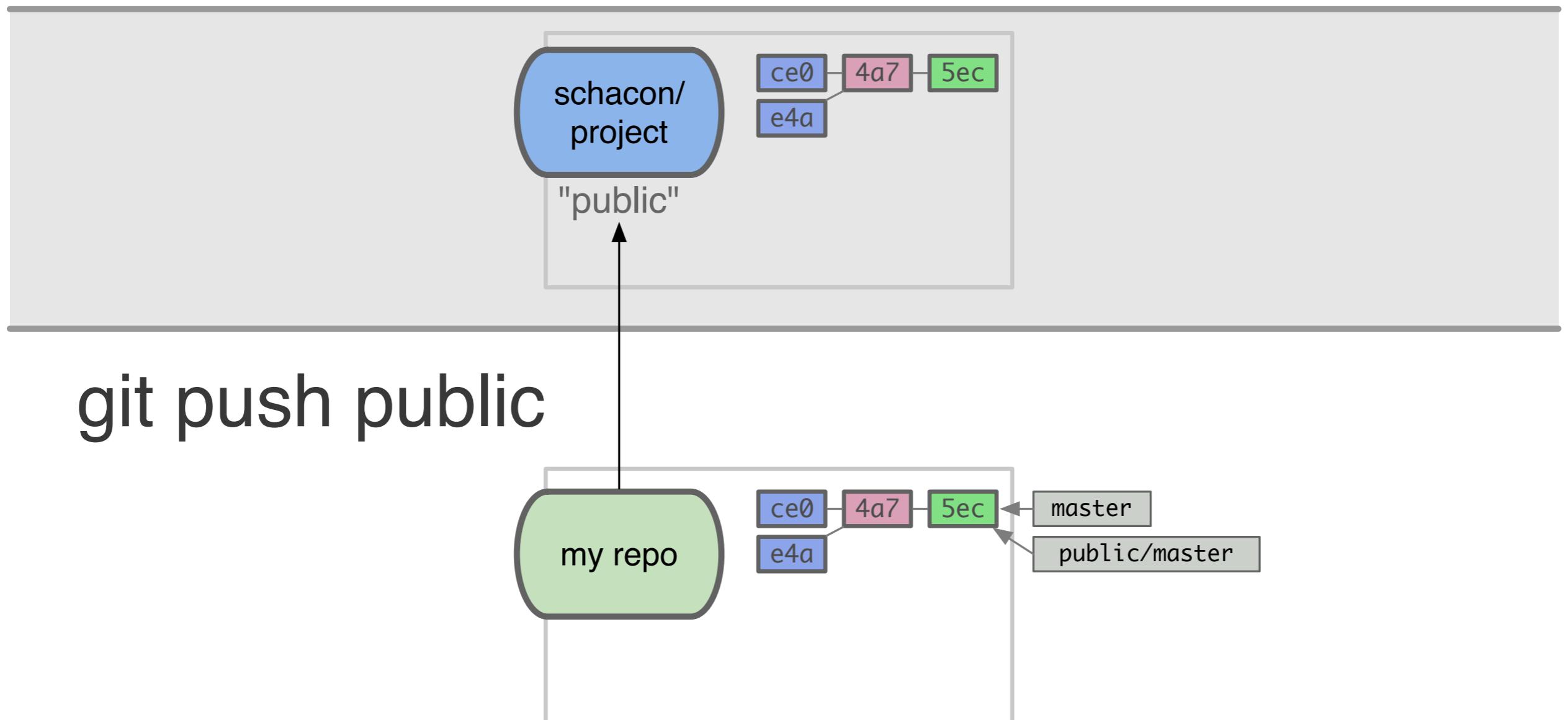
developer
nick

developer
jessica

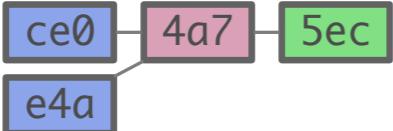


developer
nick

developer
jessica



developer
nick



developer
jessica

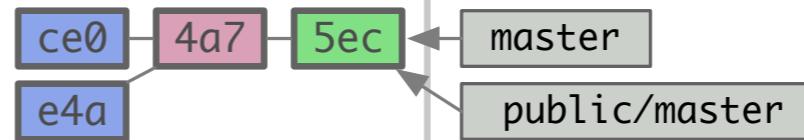
git clone (url)

schacon/
project

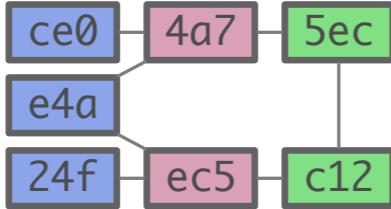
"public"



my repo



developer
nick

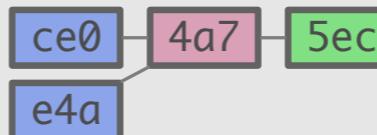


developer
jessica

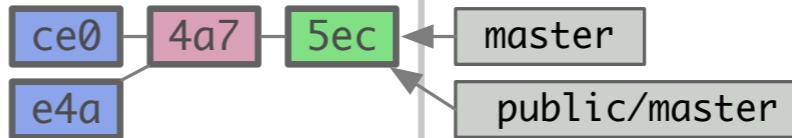
git commit

schacon/
project

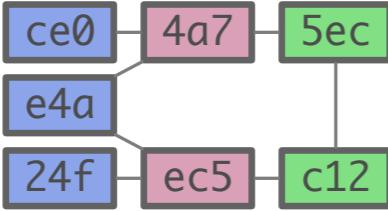
"public"



my repo

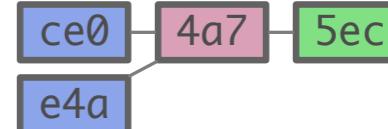


developer
nick



git clone (url)

developer
jessica

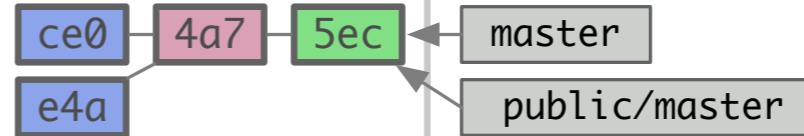


schacon/
project

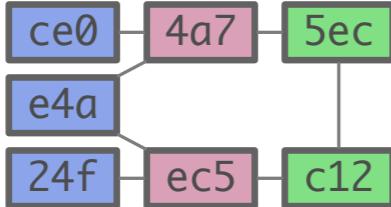
"public"



my repo

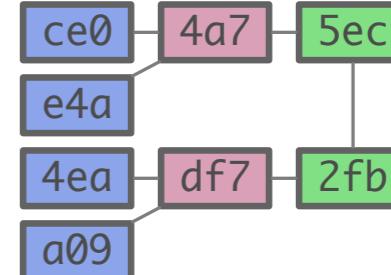


developer
nick



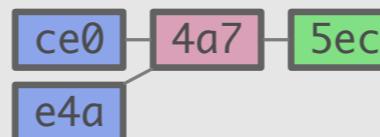
git commit

developer
jessica

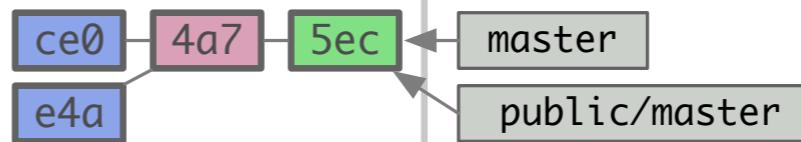


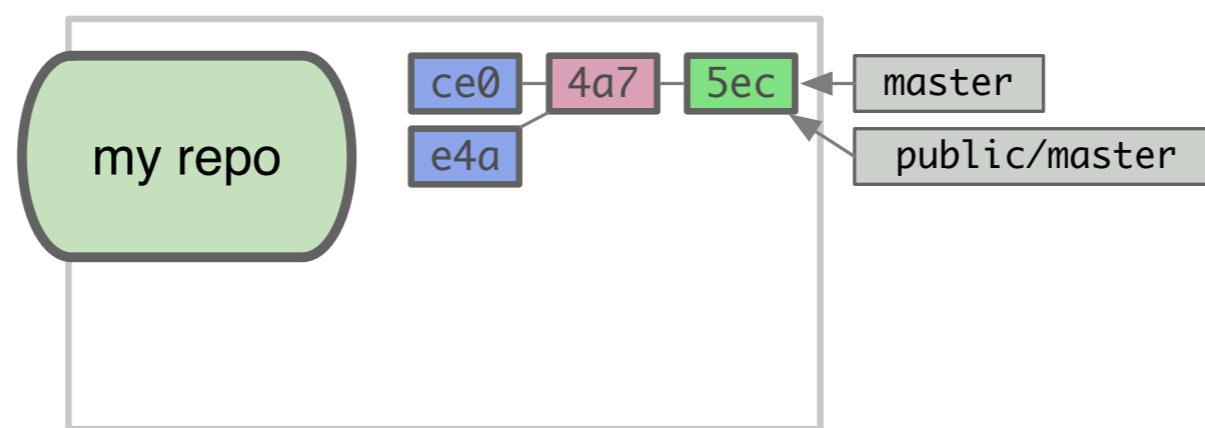
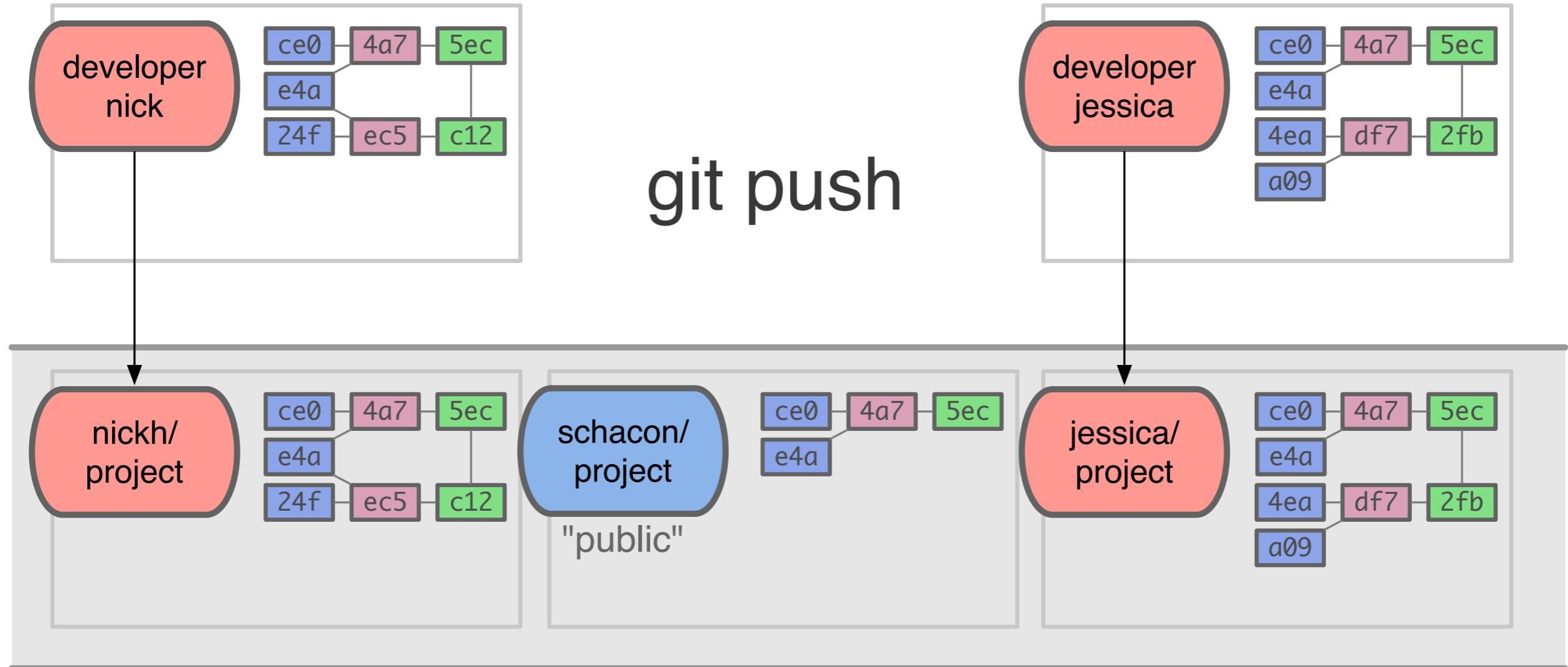
schacon/
project

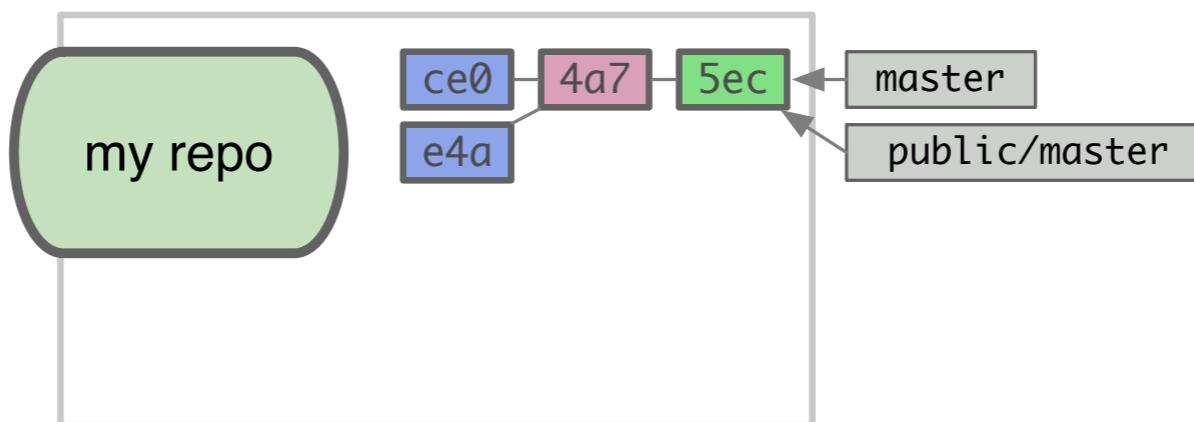
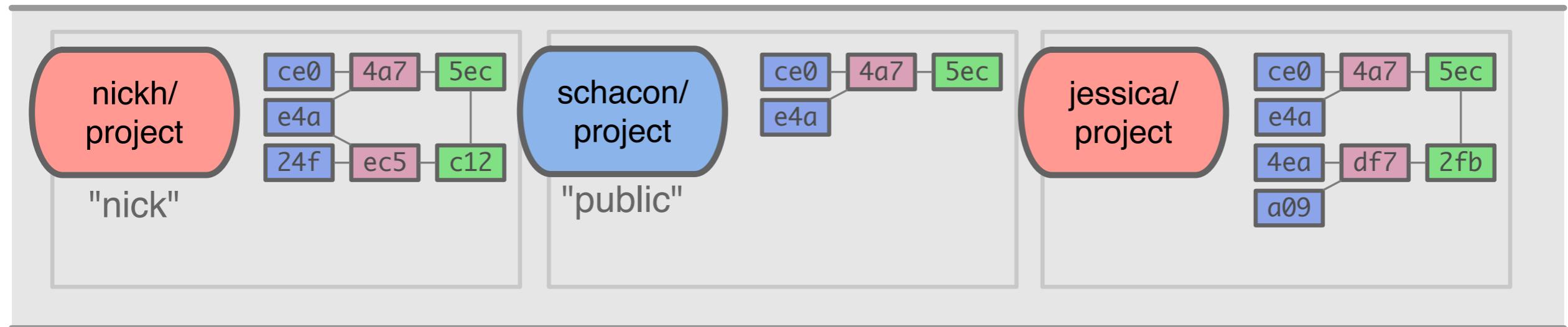
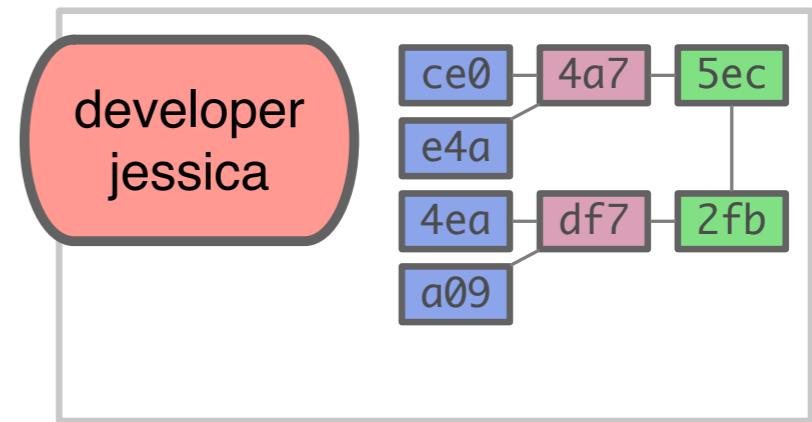
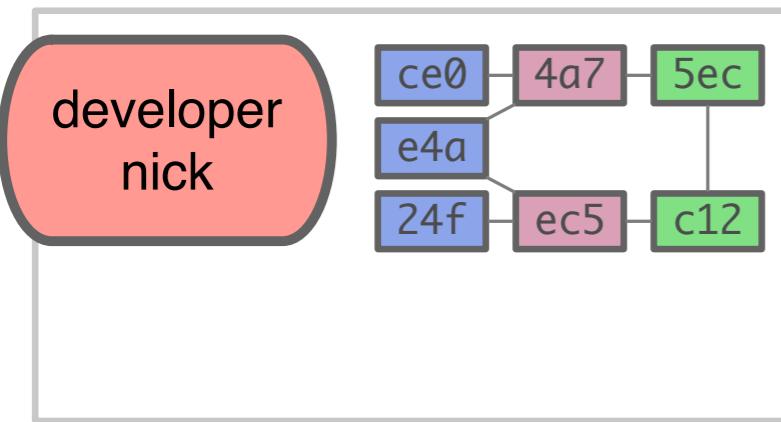
"public"



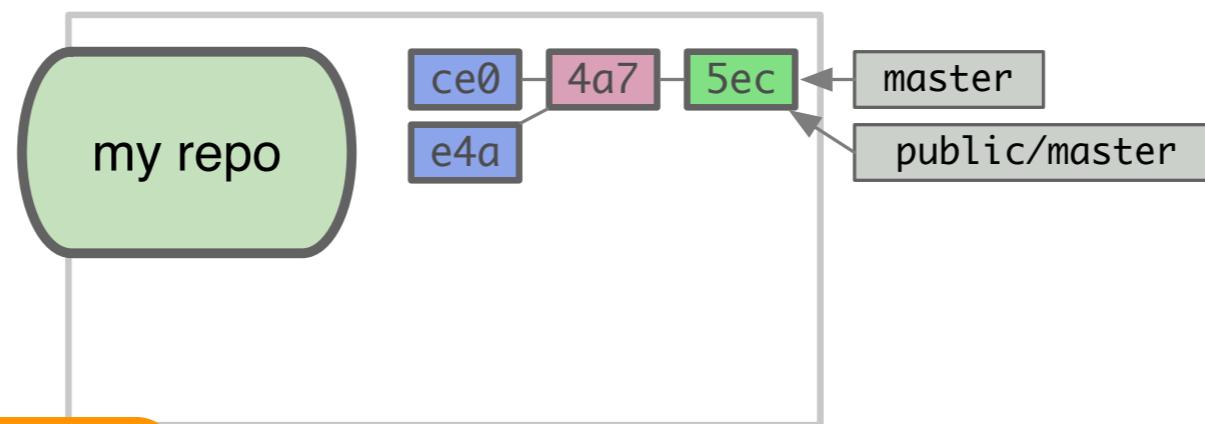
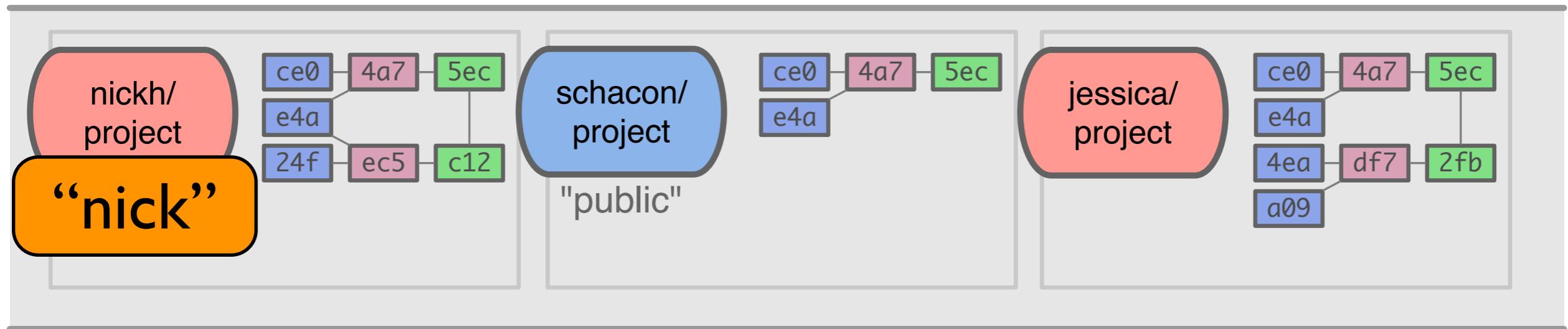
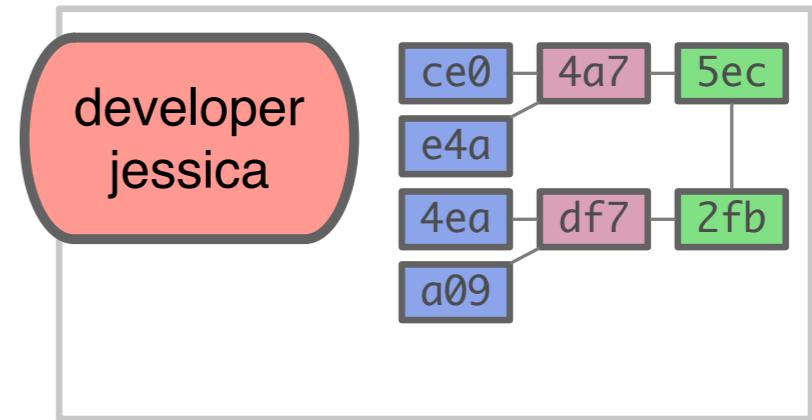
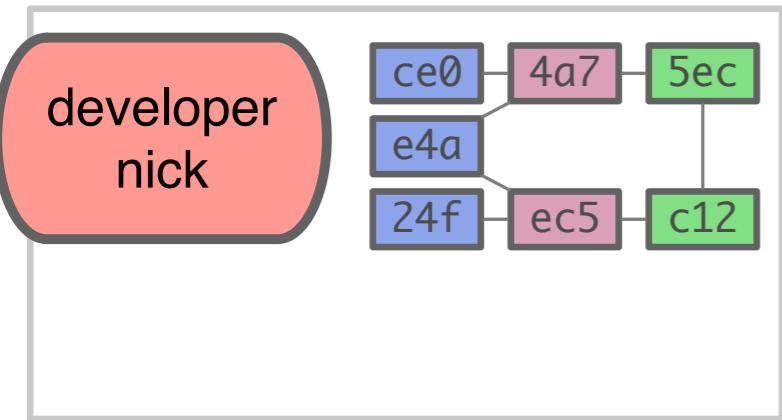
my repo



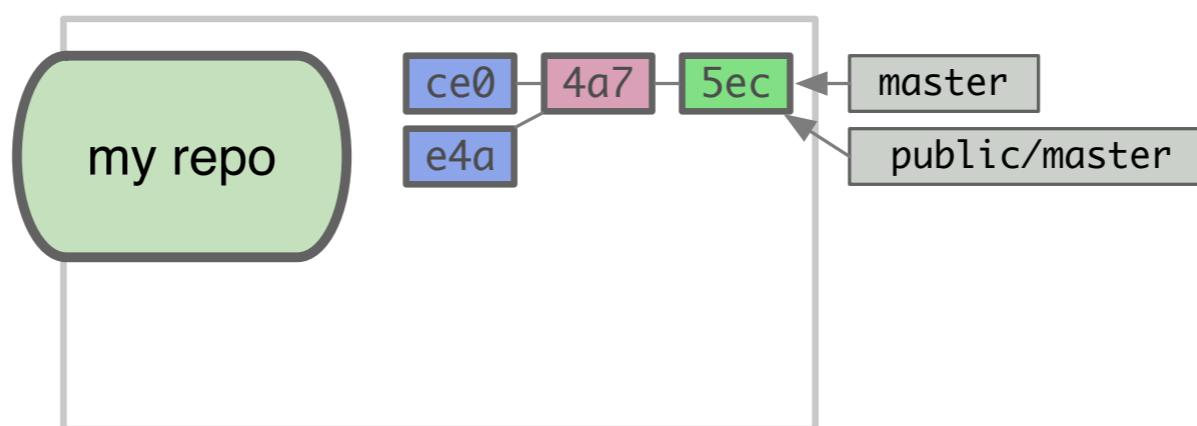
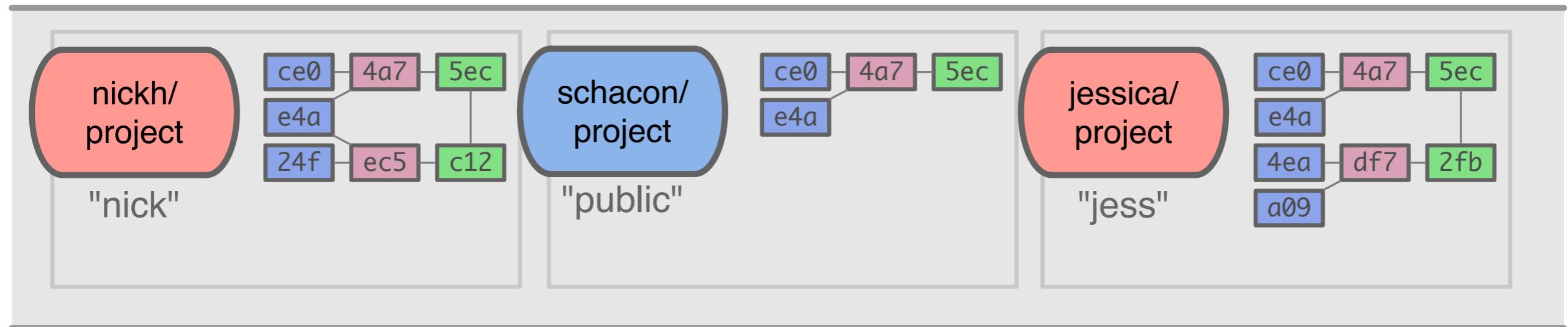
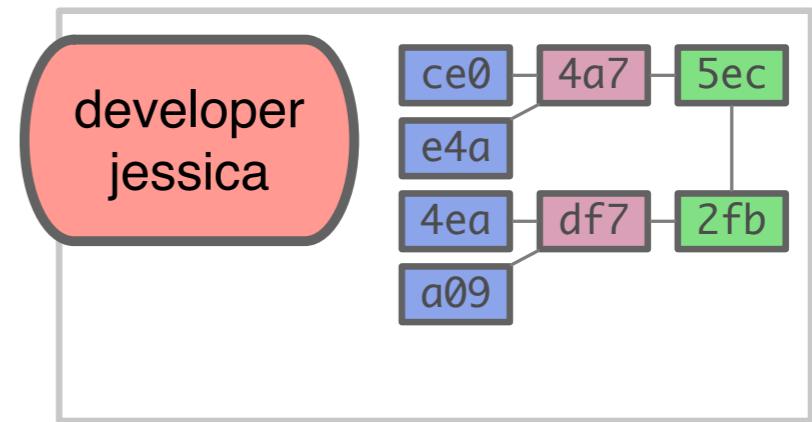
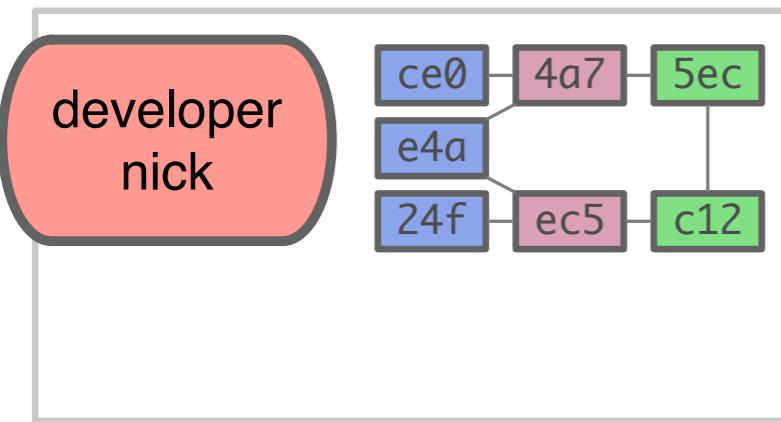




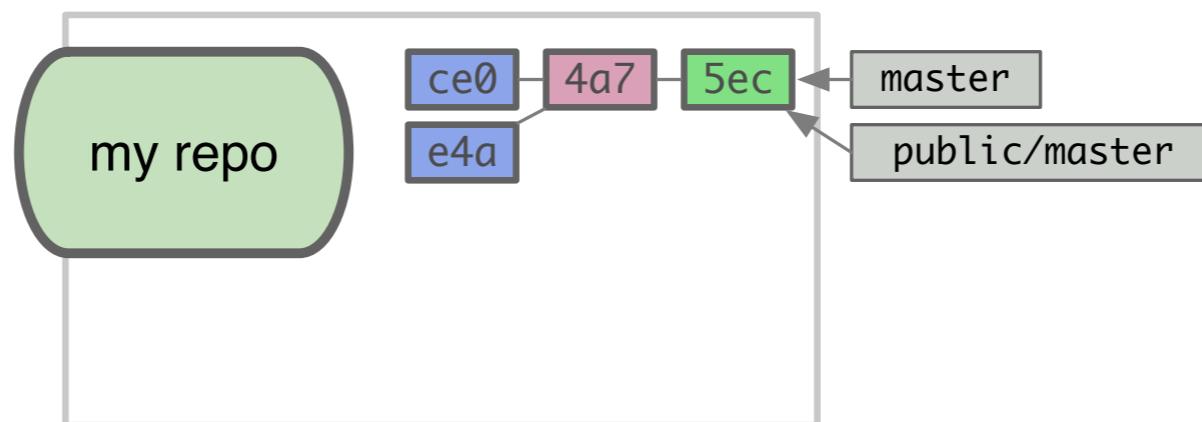
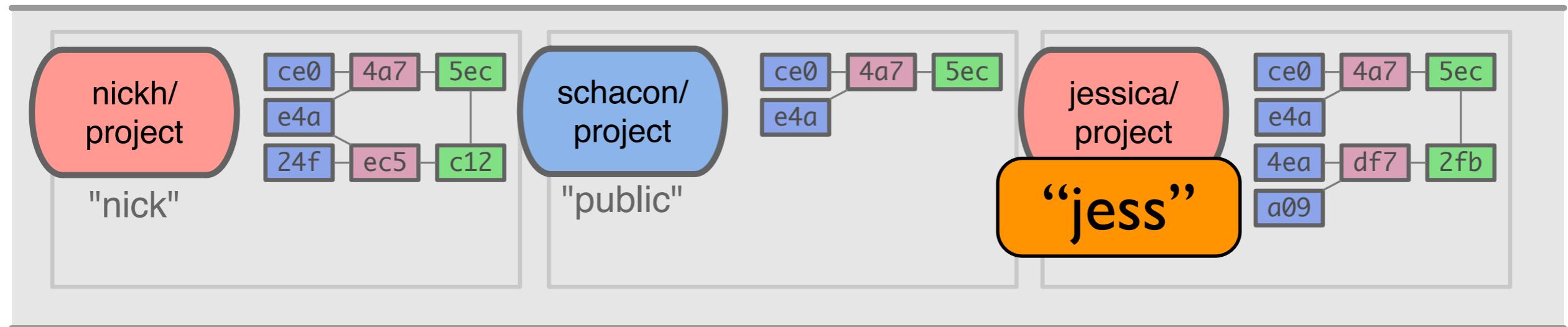
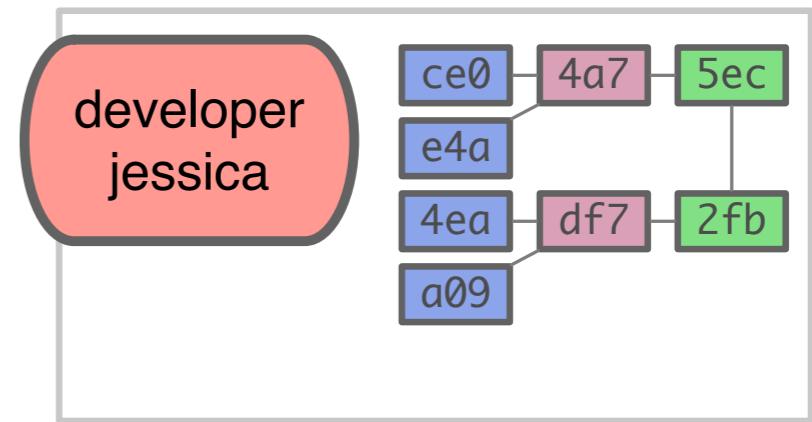
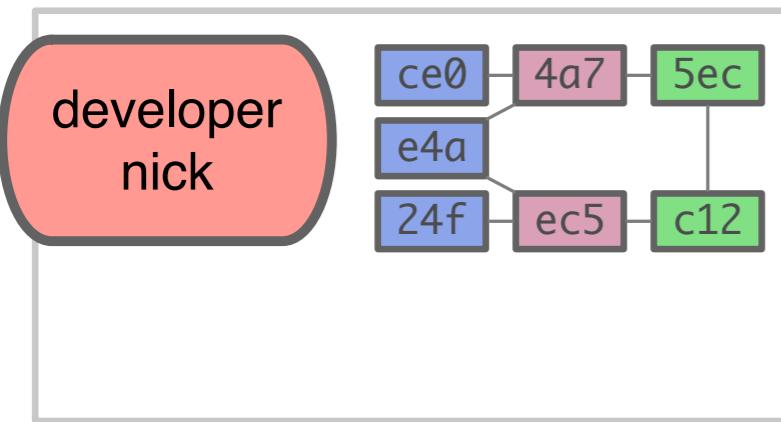
`git remote add nick git://github.com/nickh/project.git`



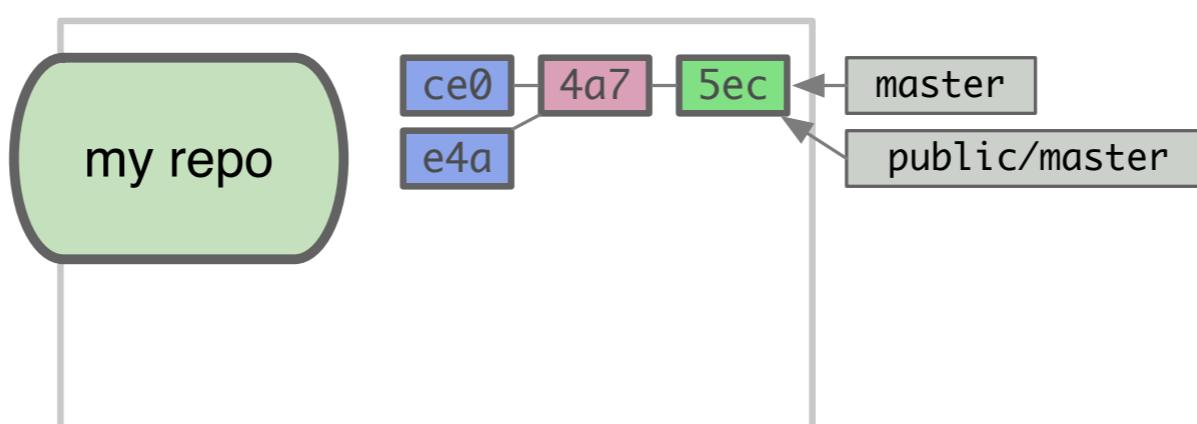
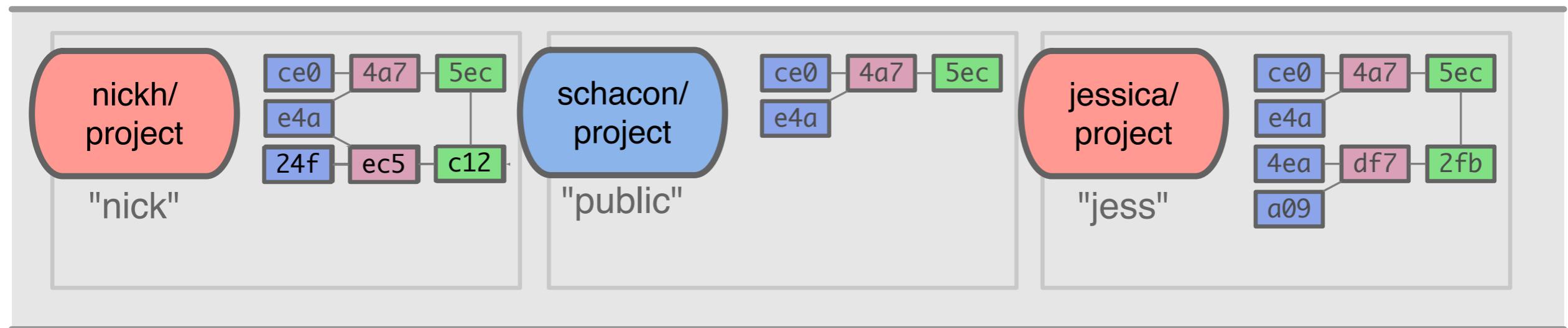
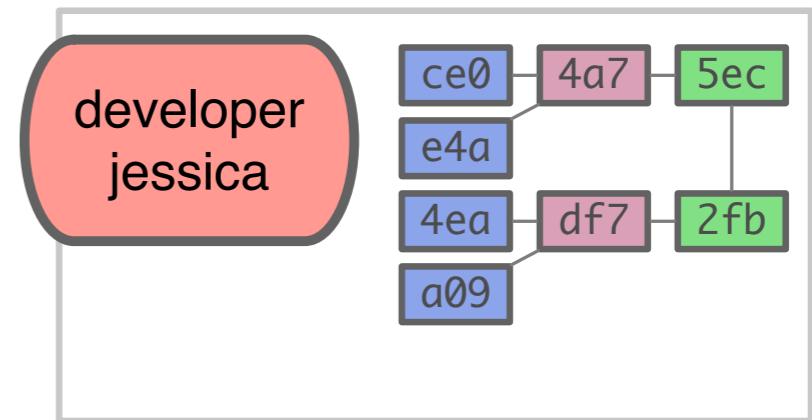
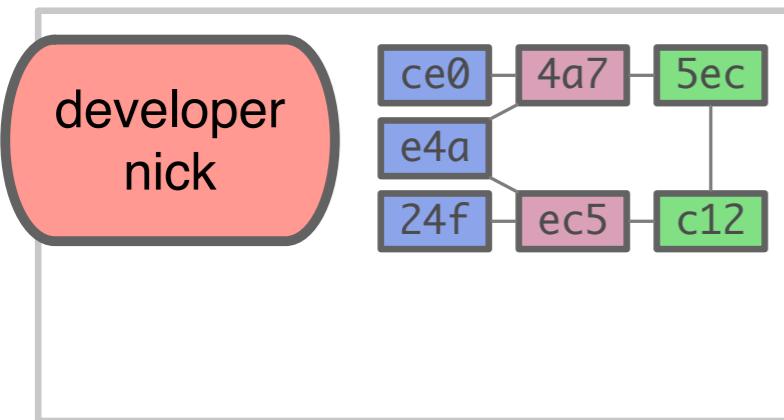
`git remote add nick git://github.com/nickh/project.git`



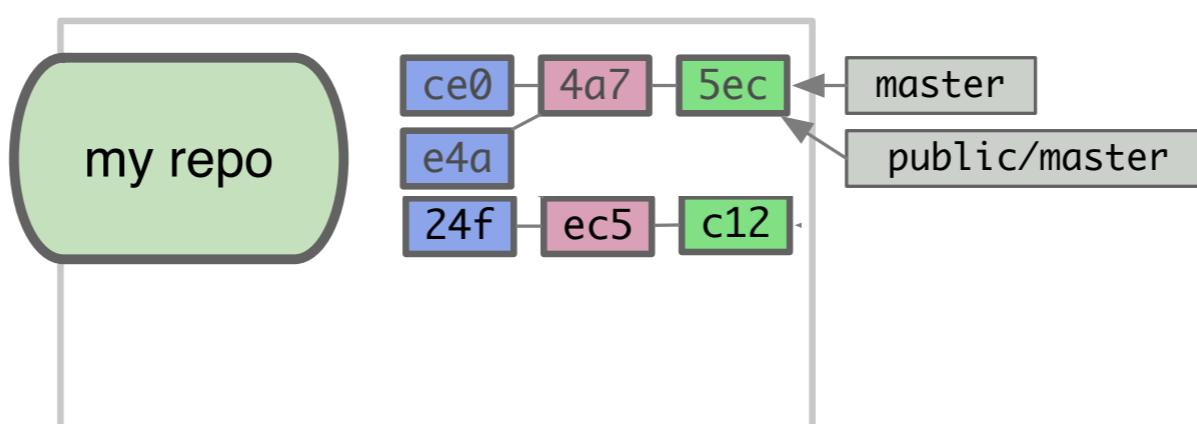
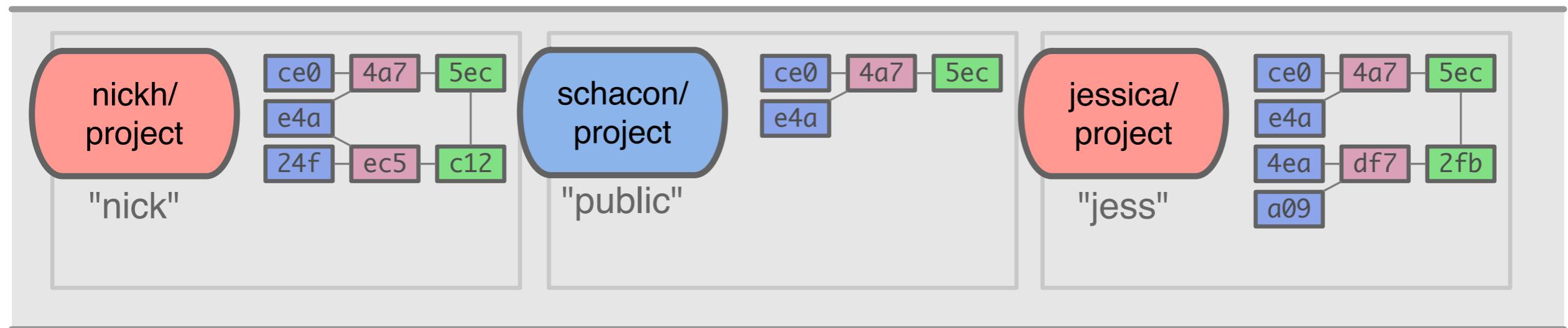
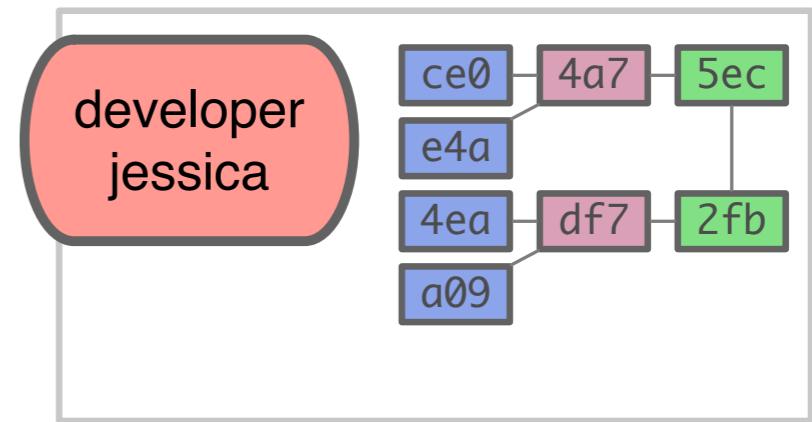
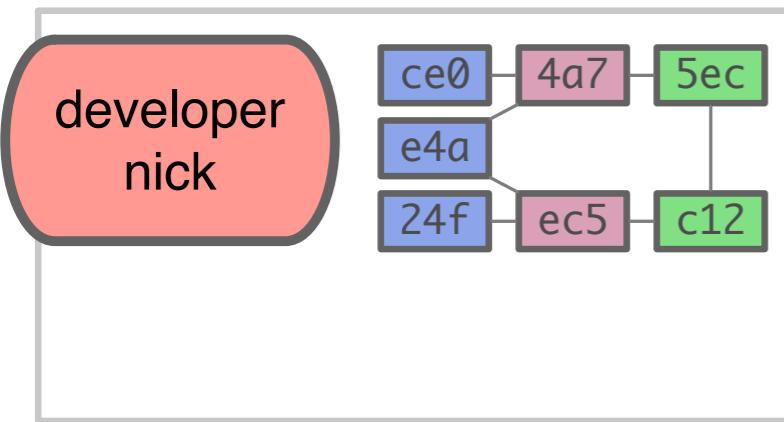
`git remote add jess git://github.com/jessica/project.git`



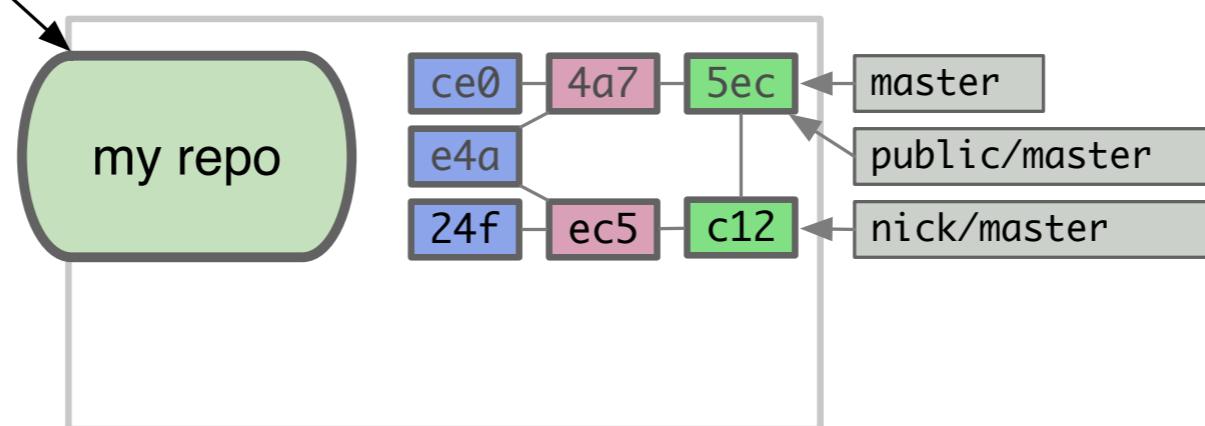
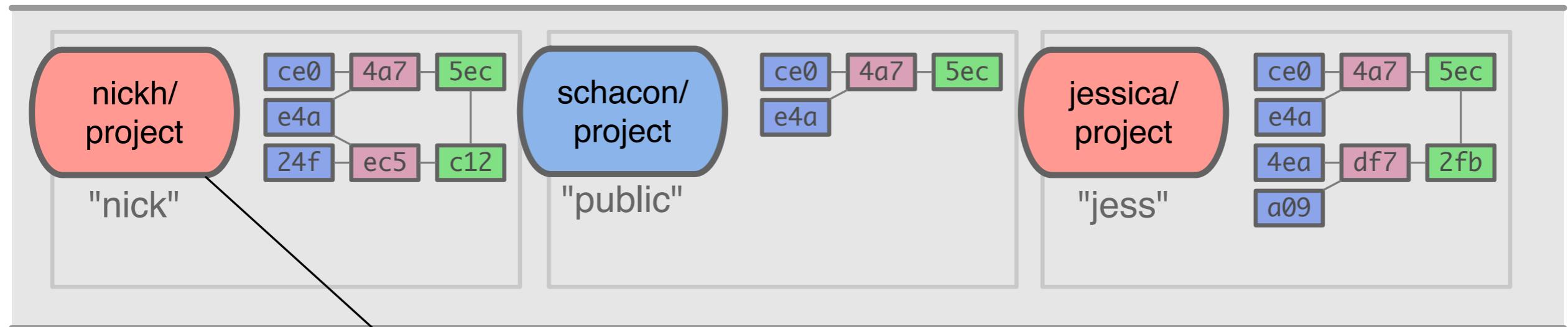
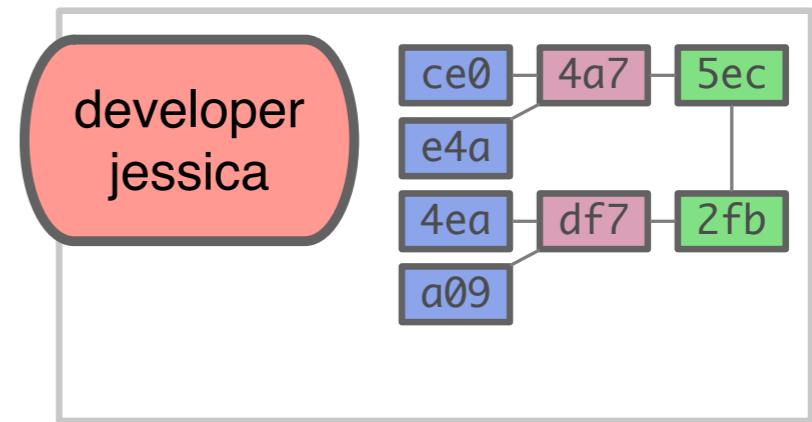
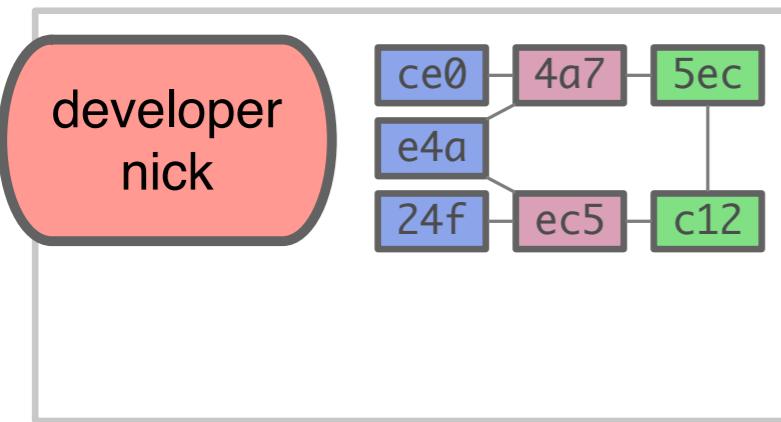
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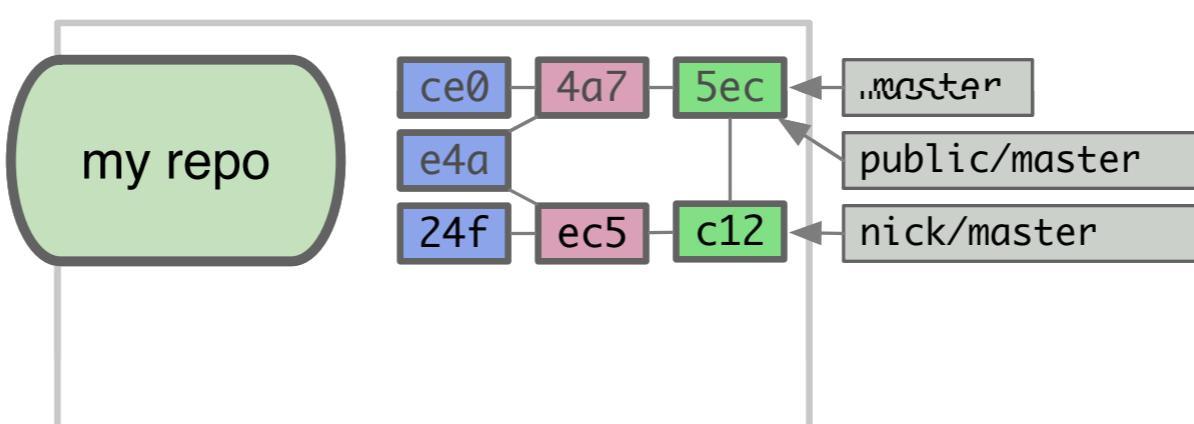
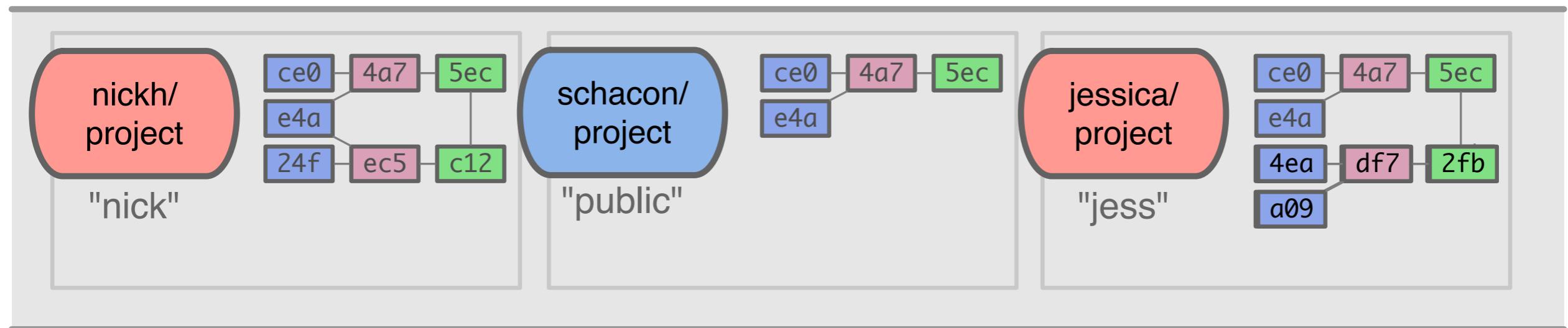
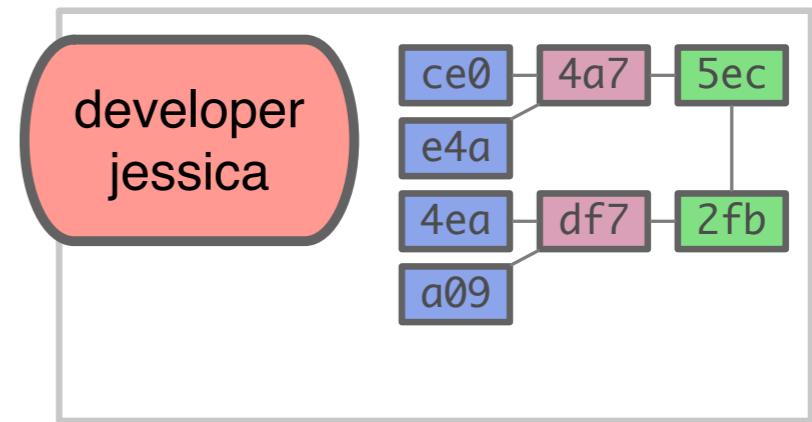
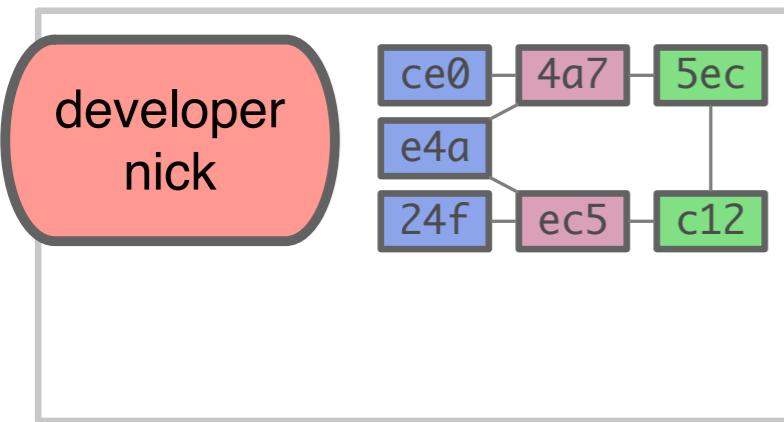


git fetch nick

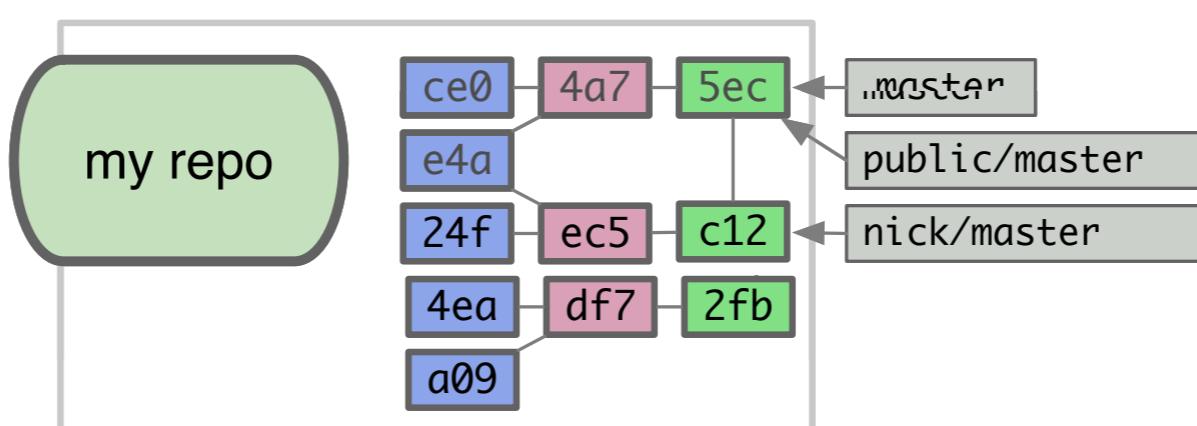
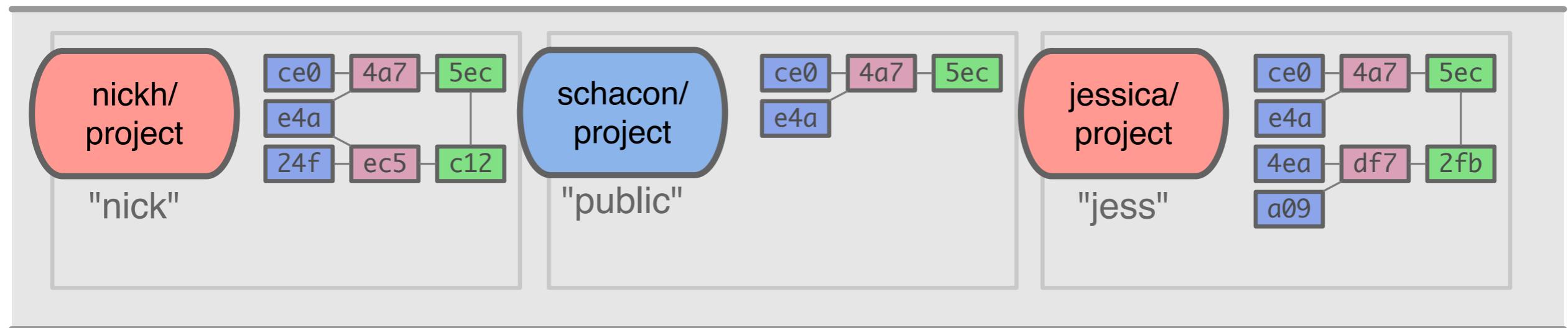
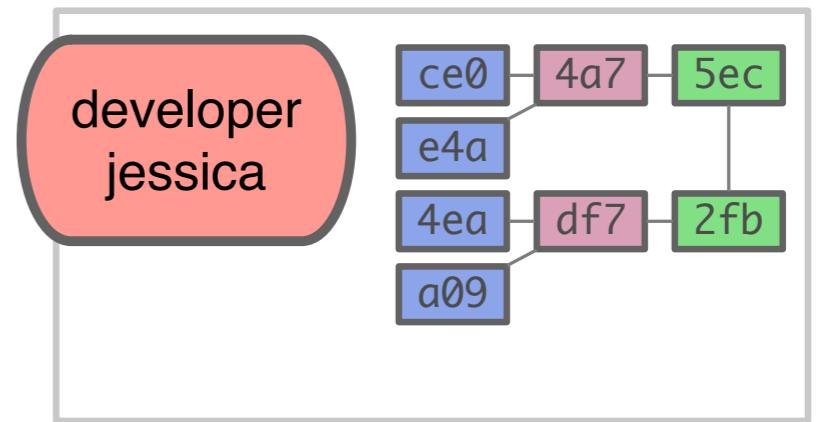
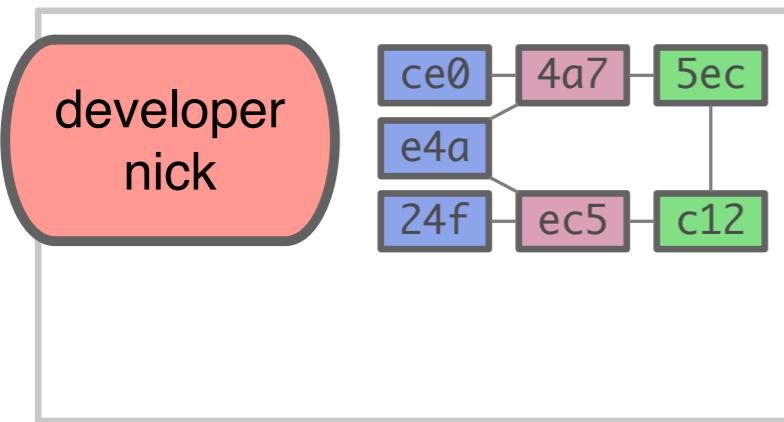


git fetch nick

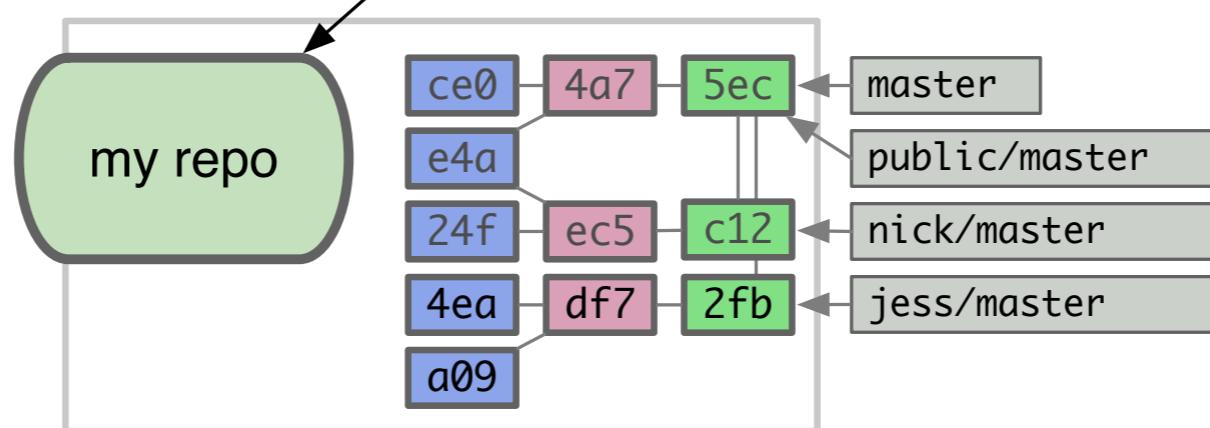
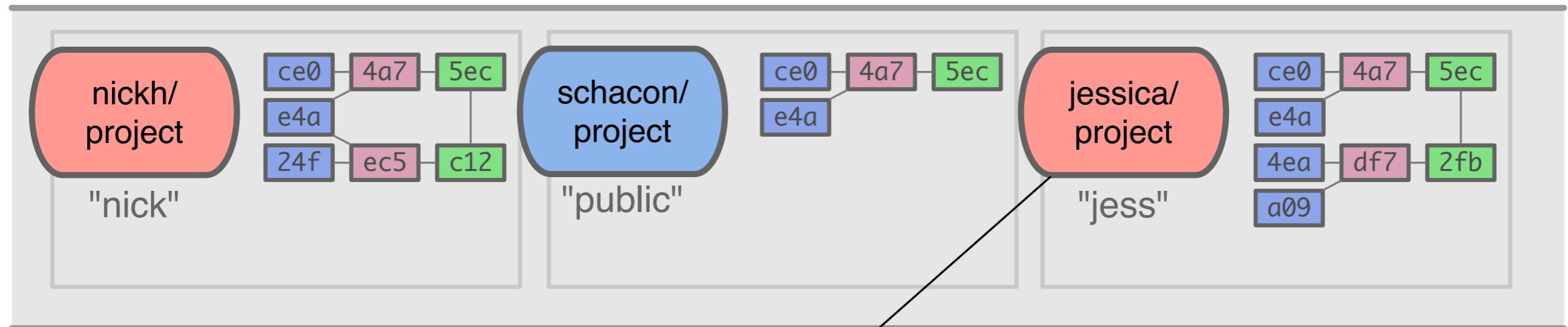
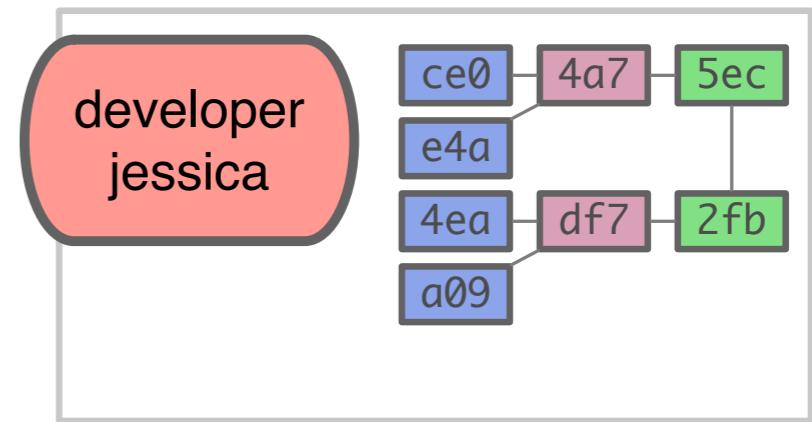
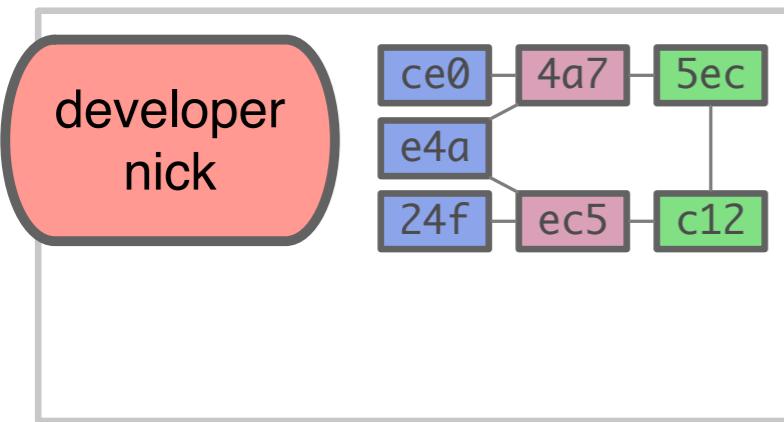


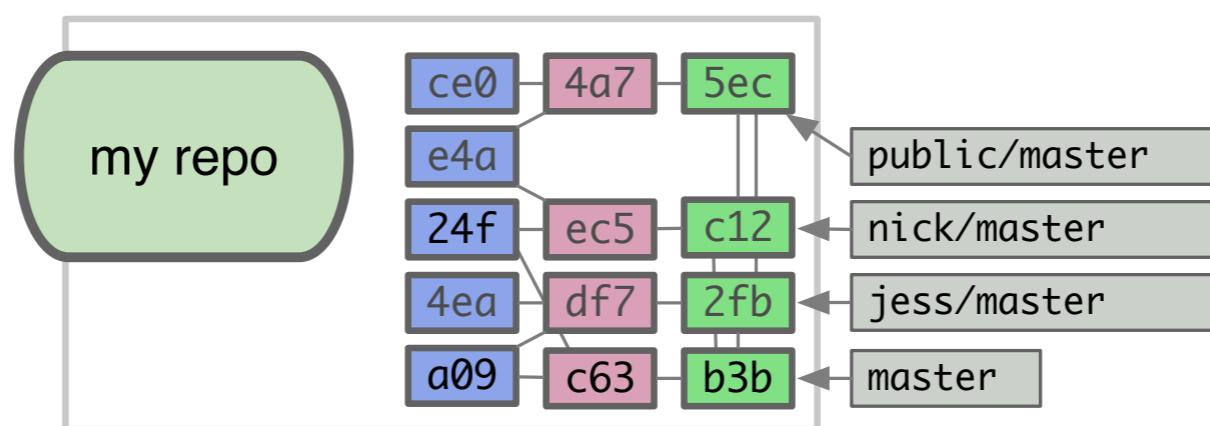
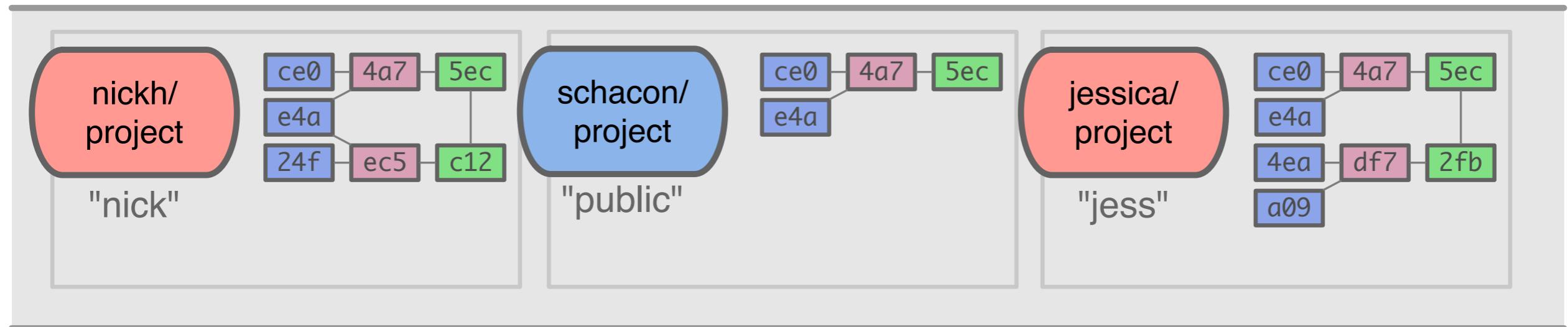
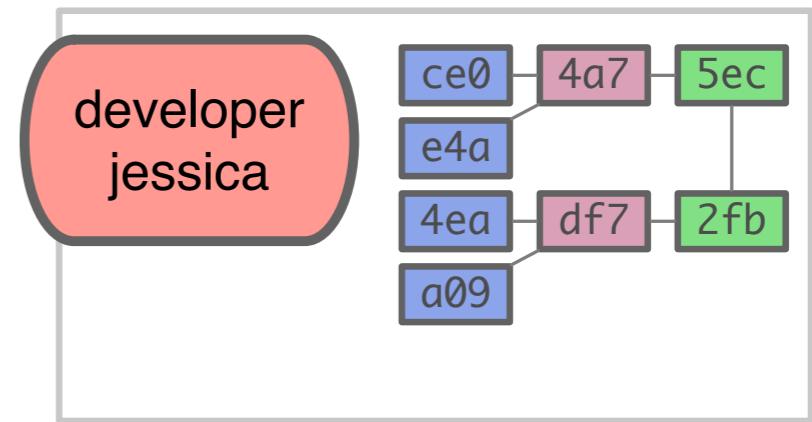
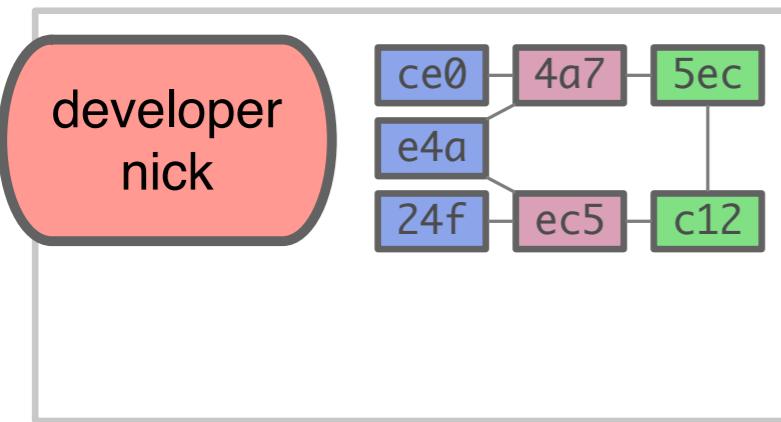


git fetch jess

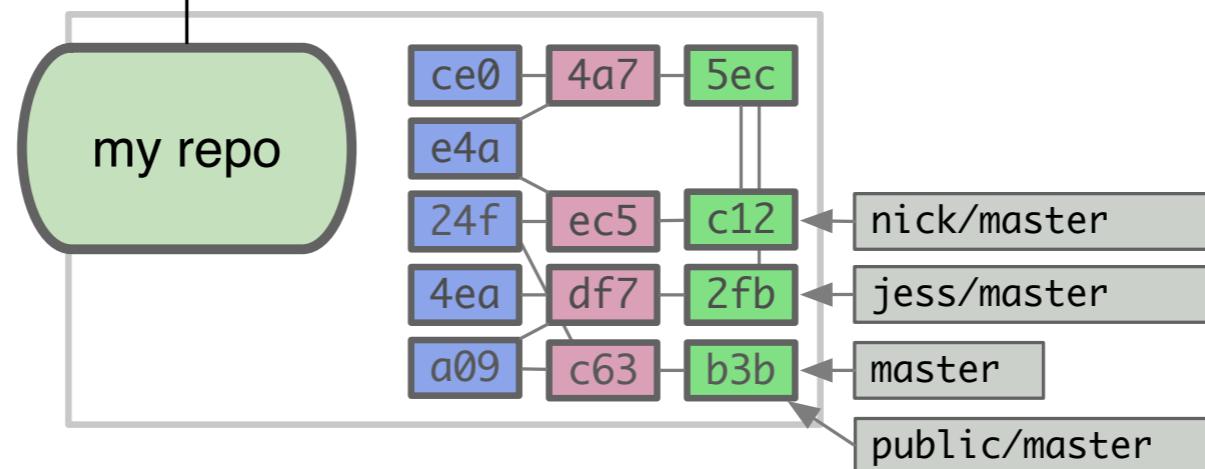
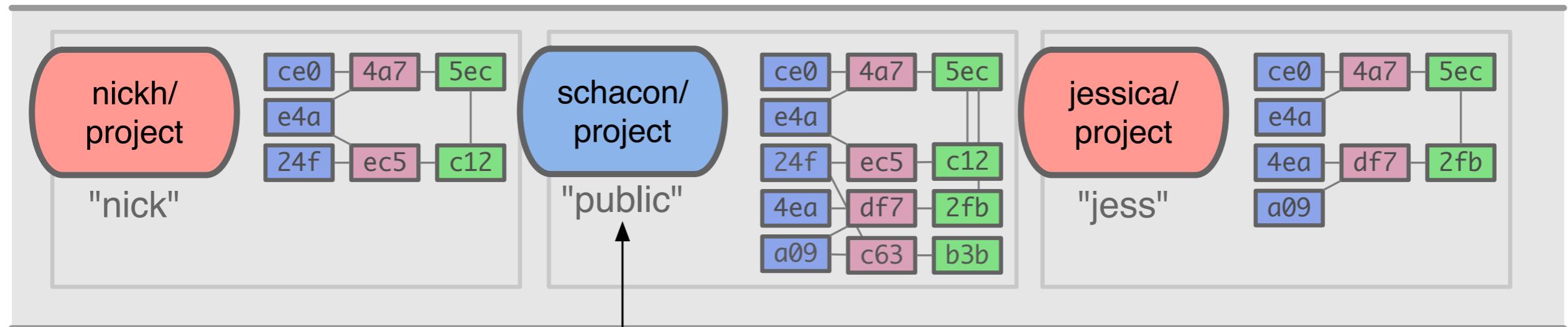
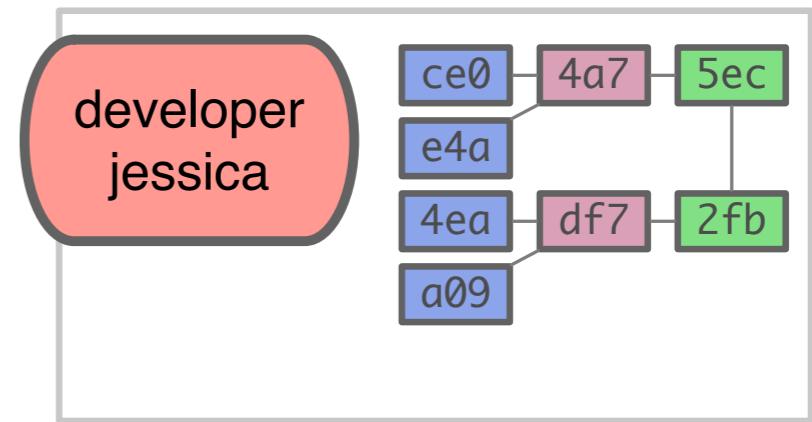
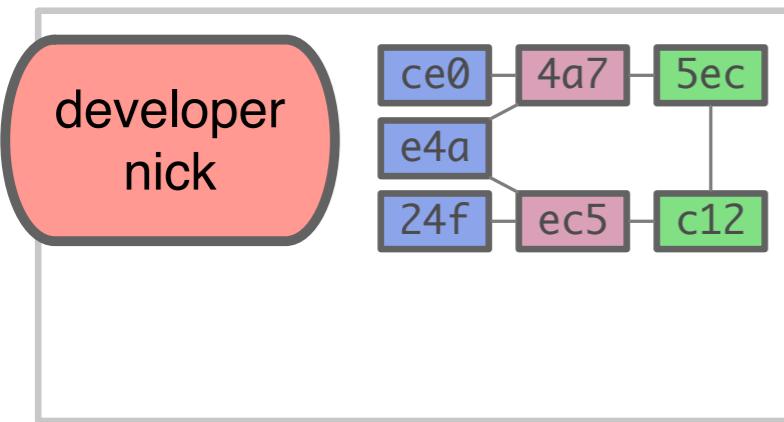


git fetch jess

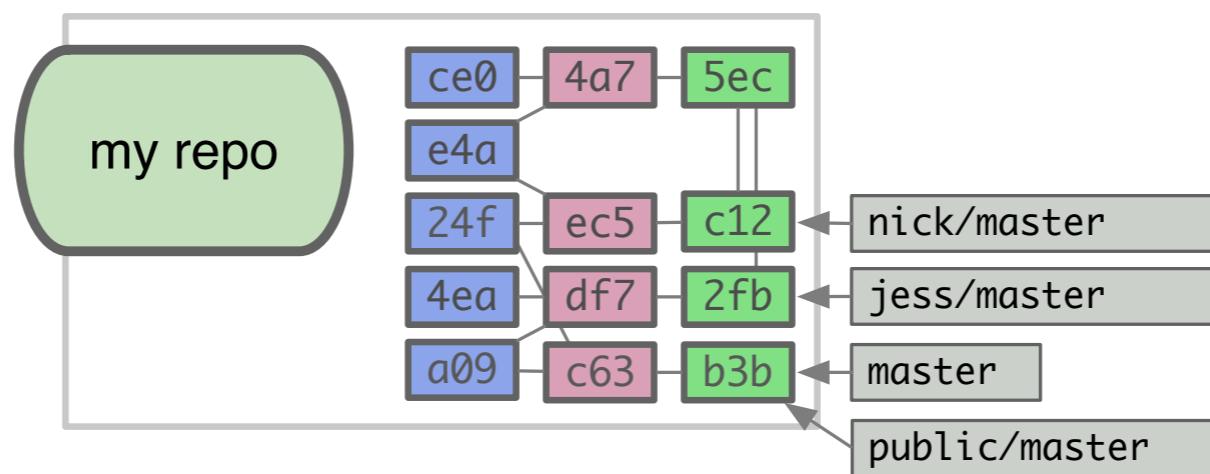
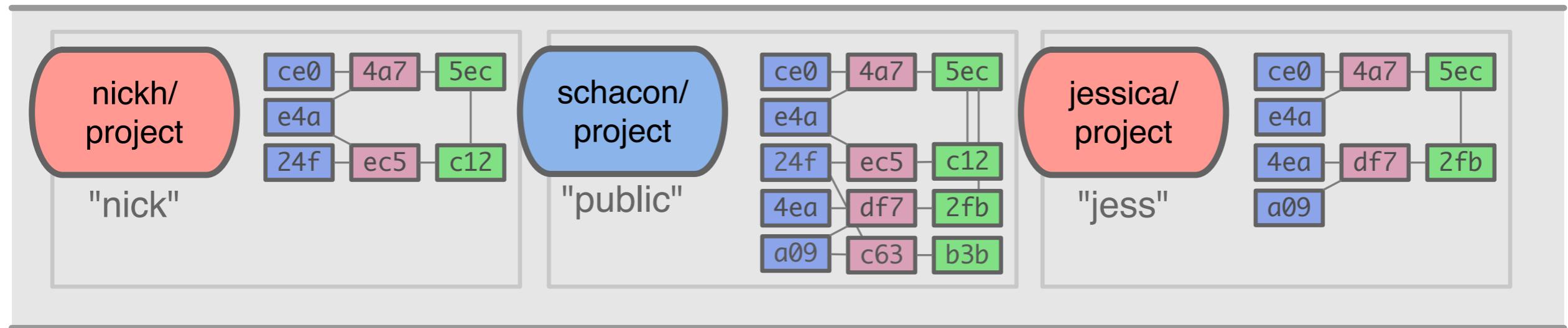
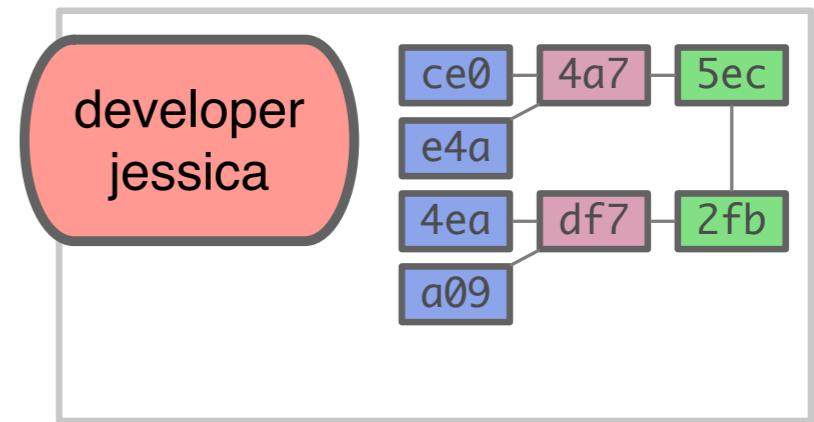
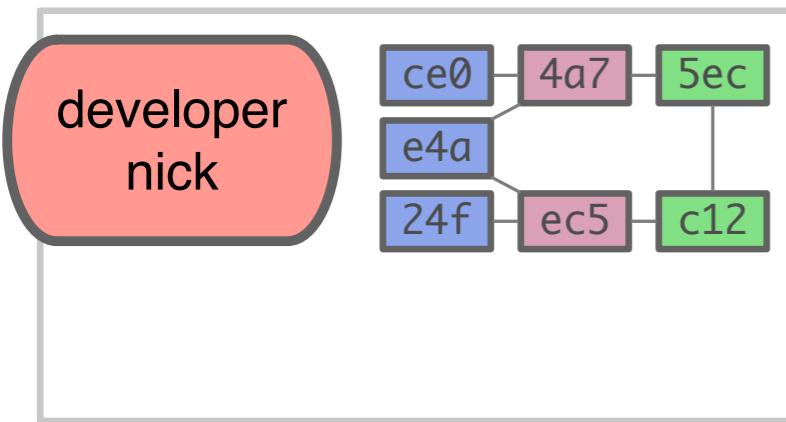


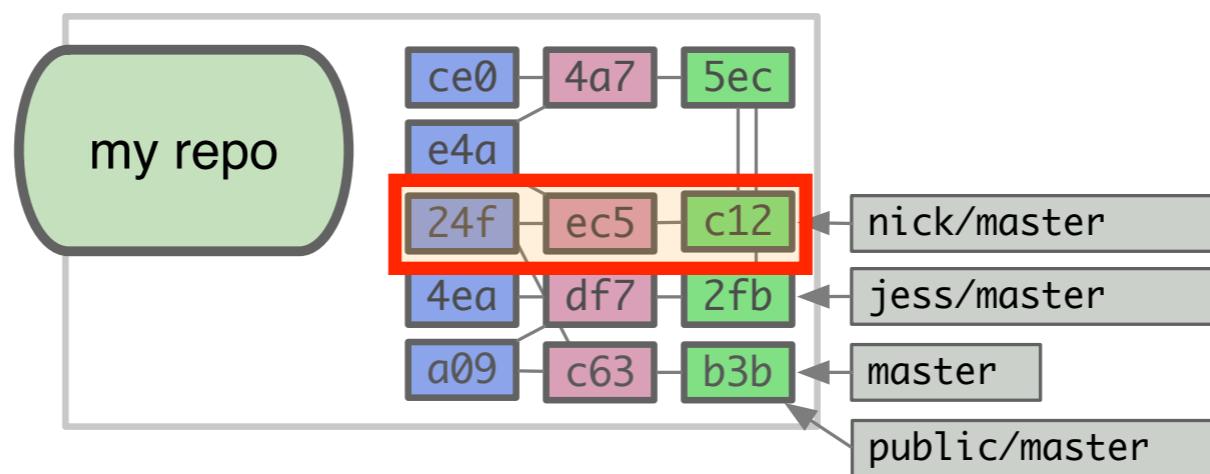
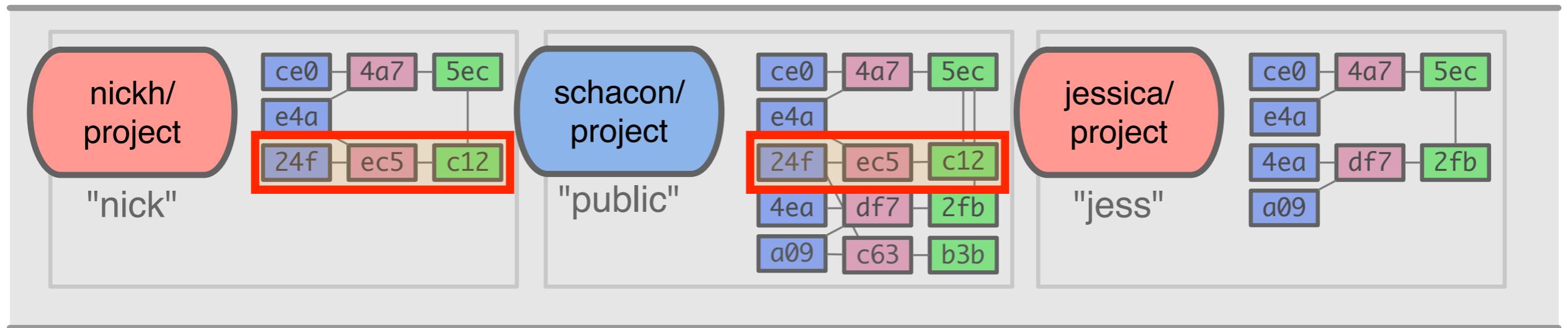
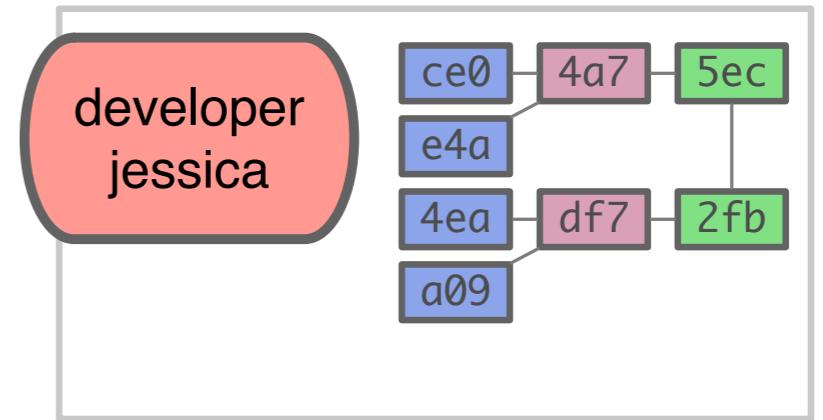
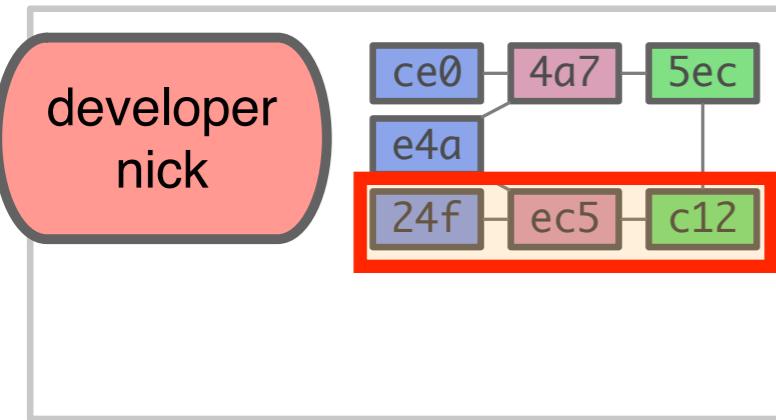


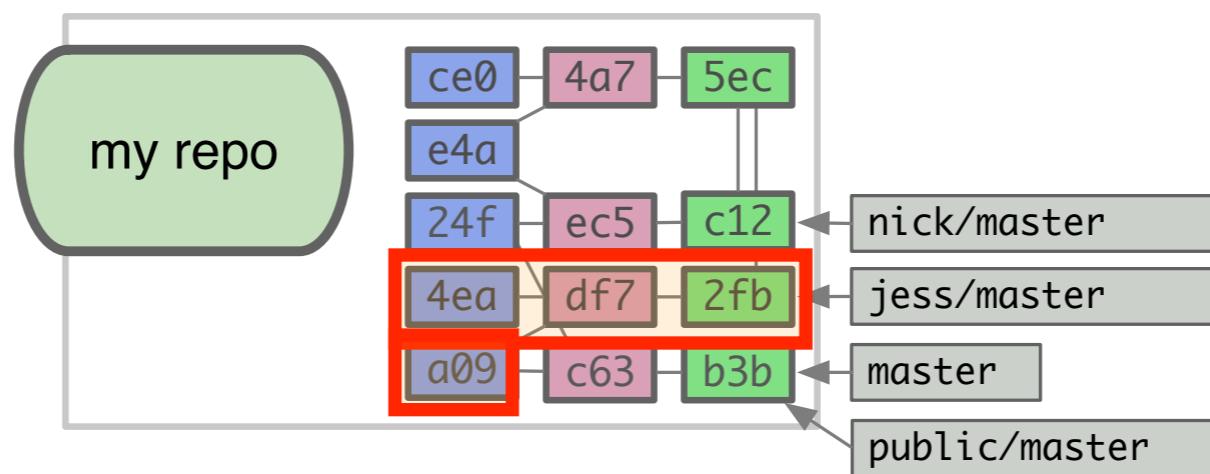
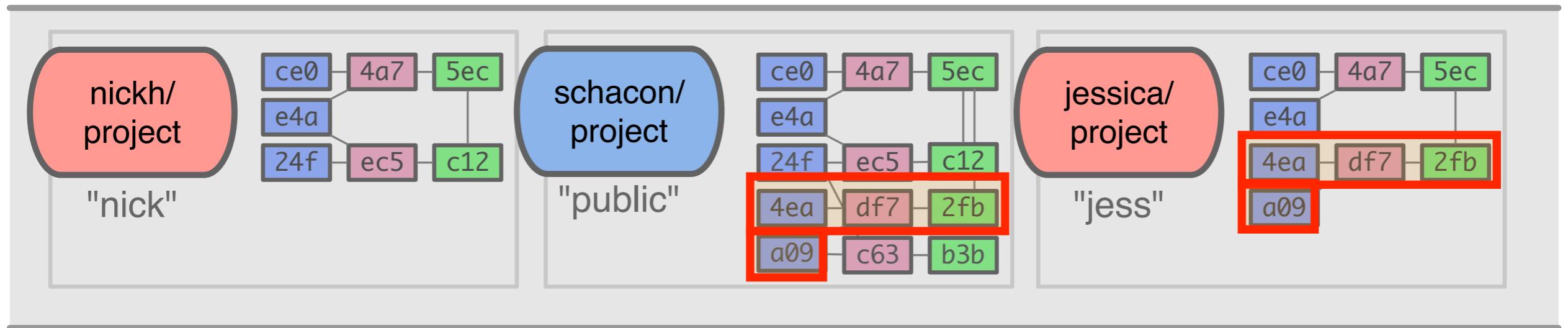
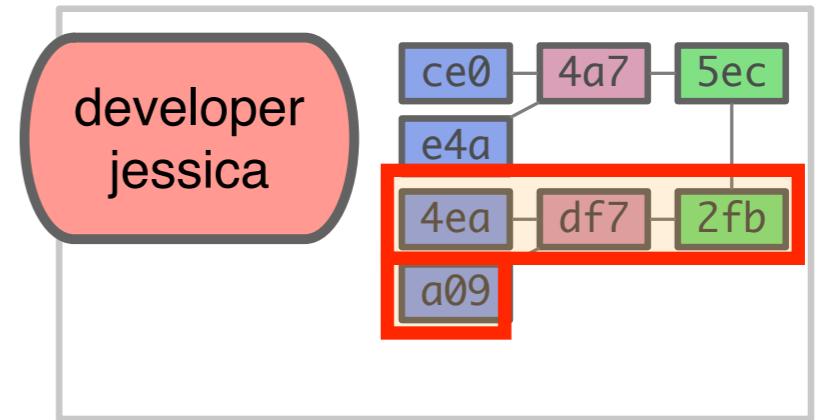
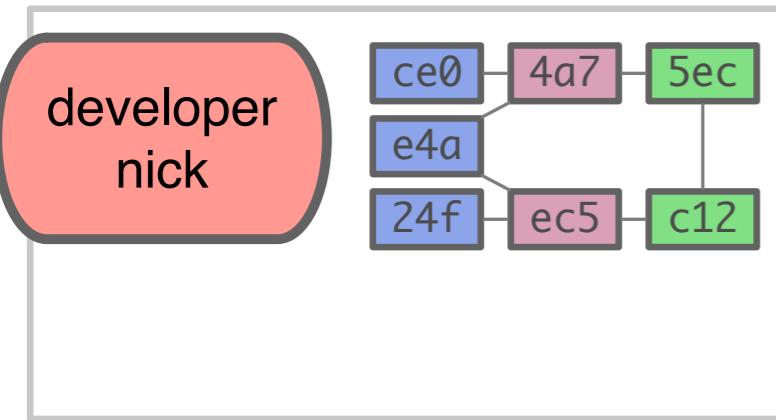
git merge nick jess

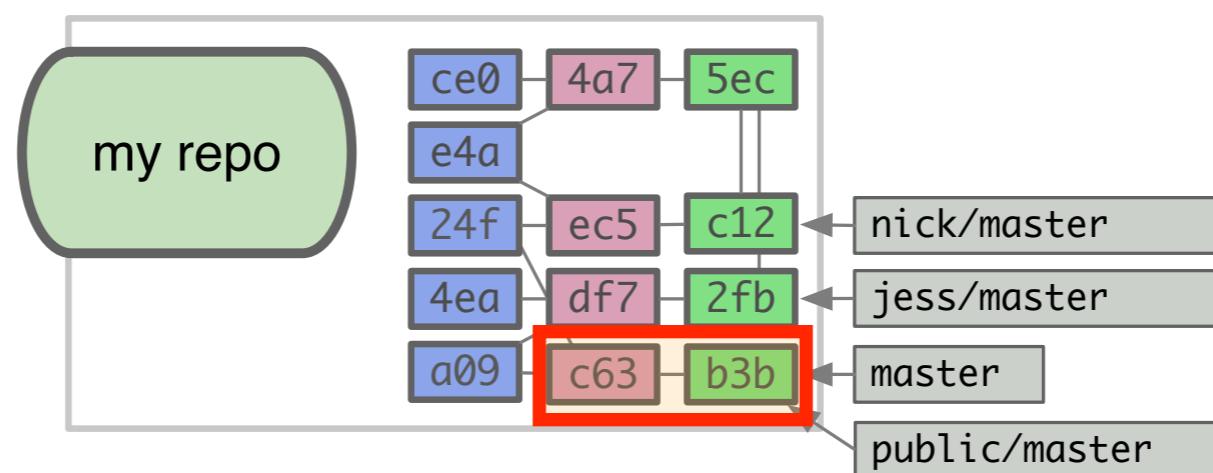
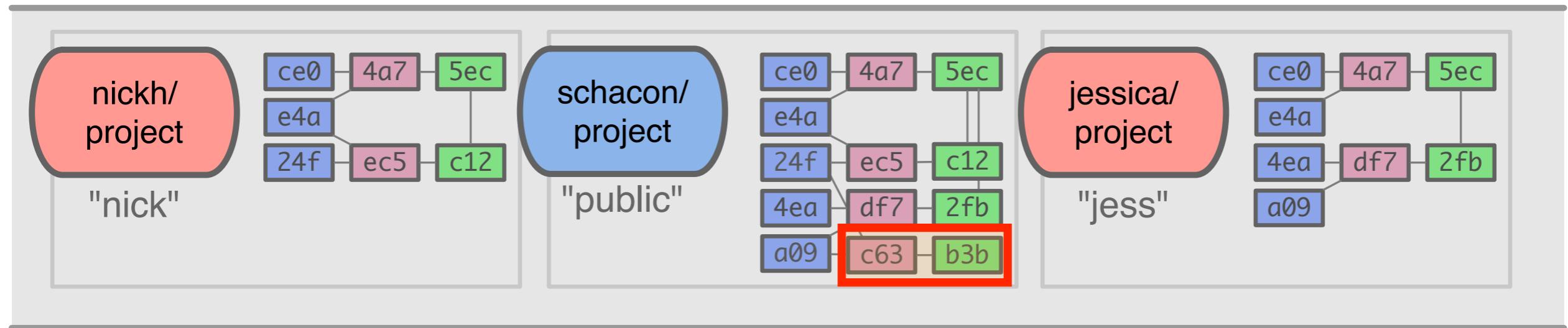
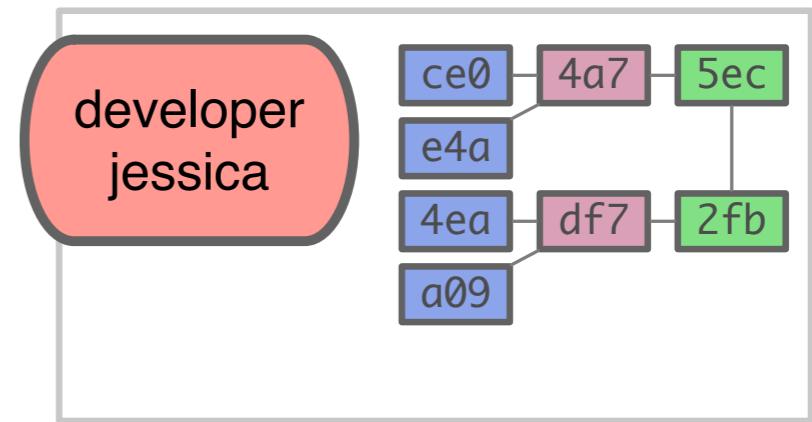
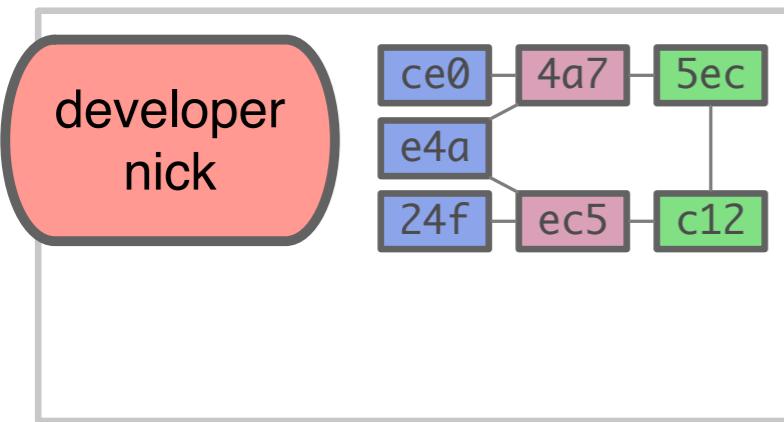


git push public





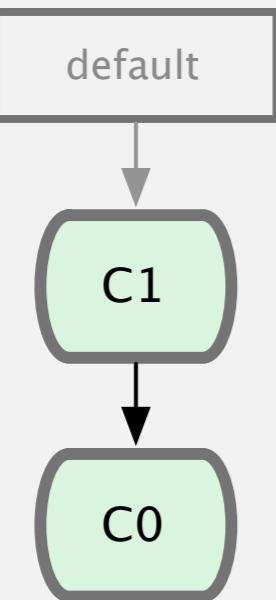




Remotes Are Branches

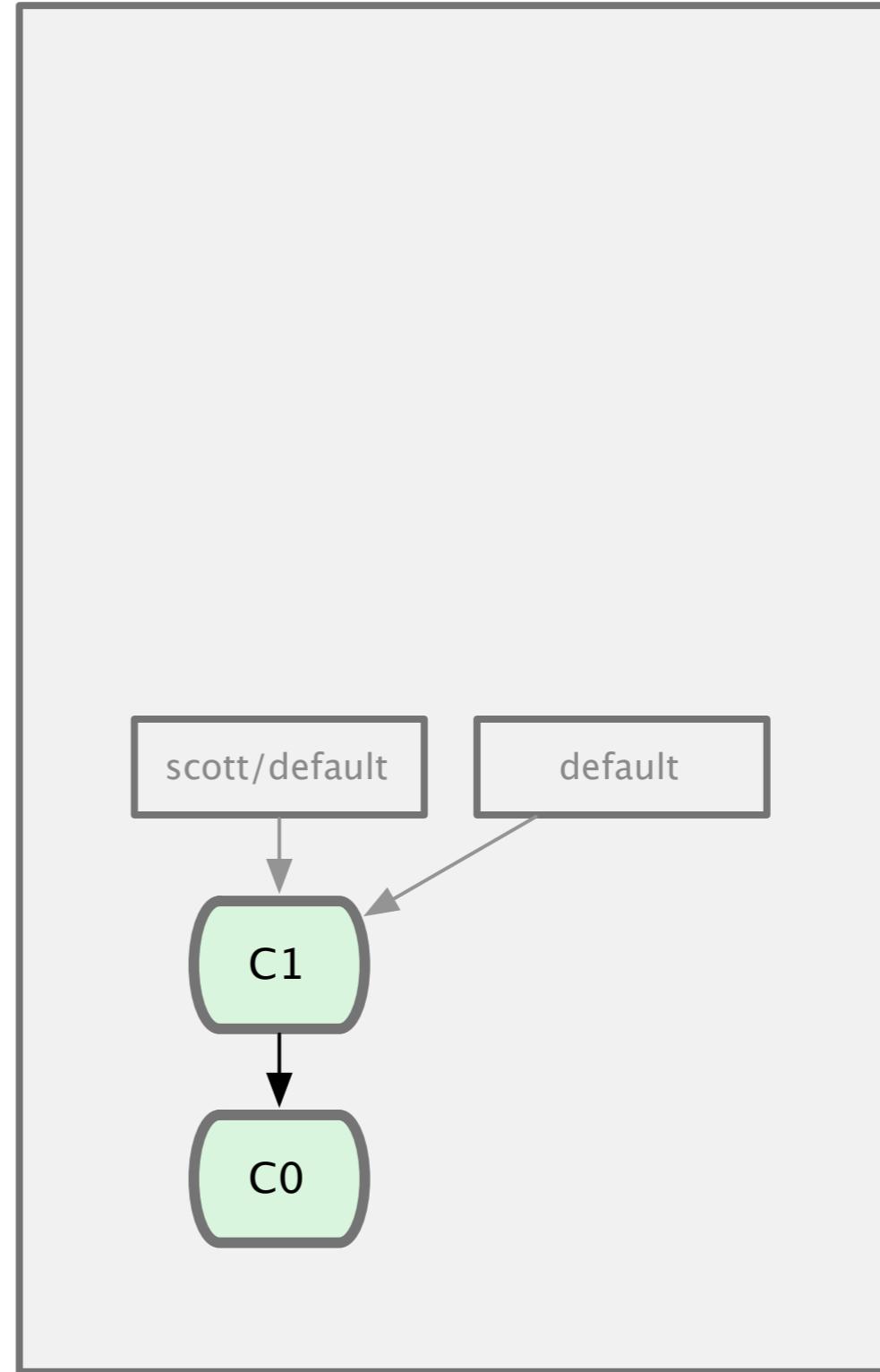
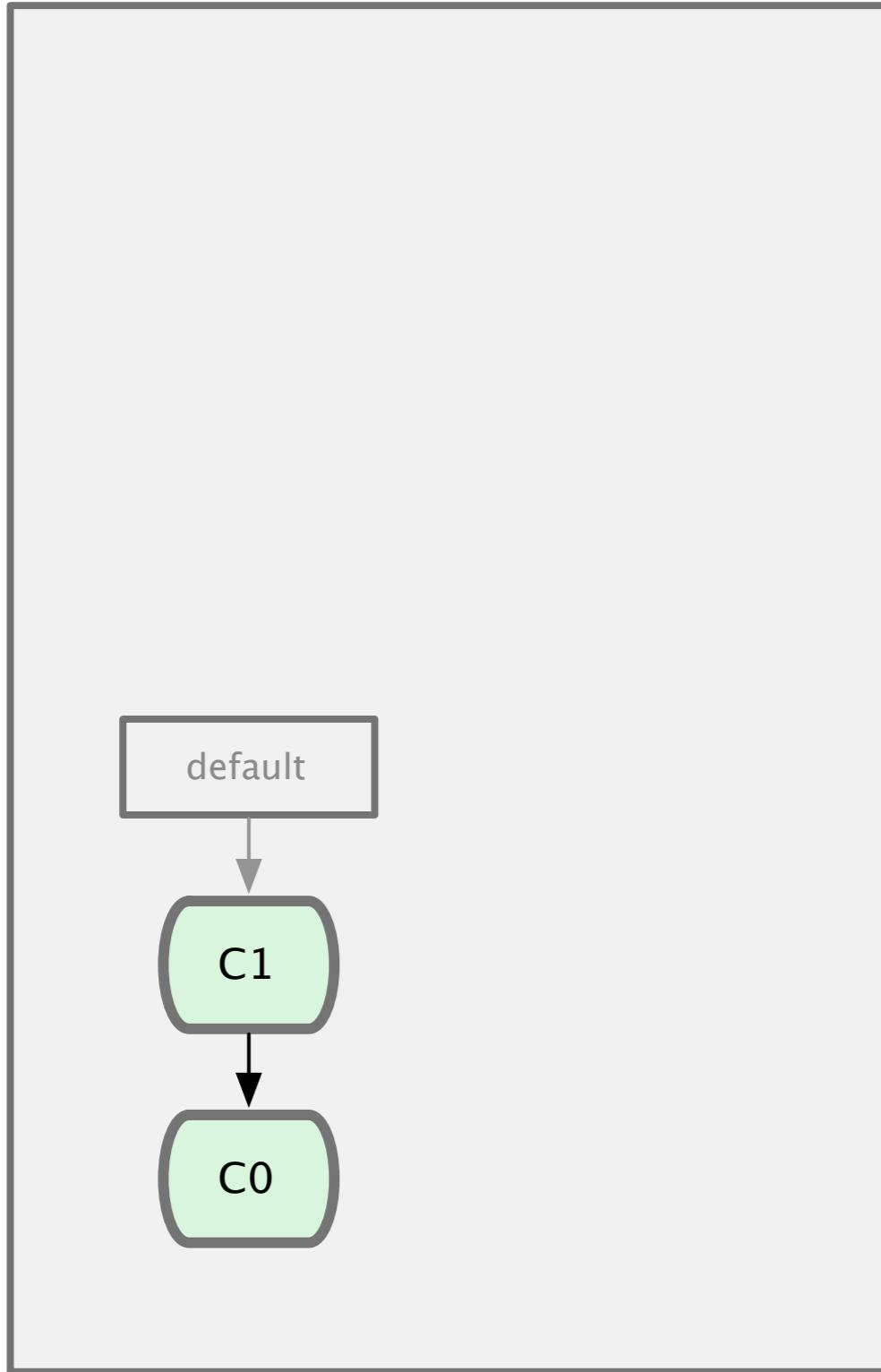
scott

jessica



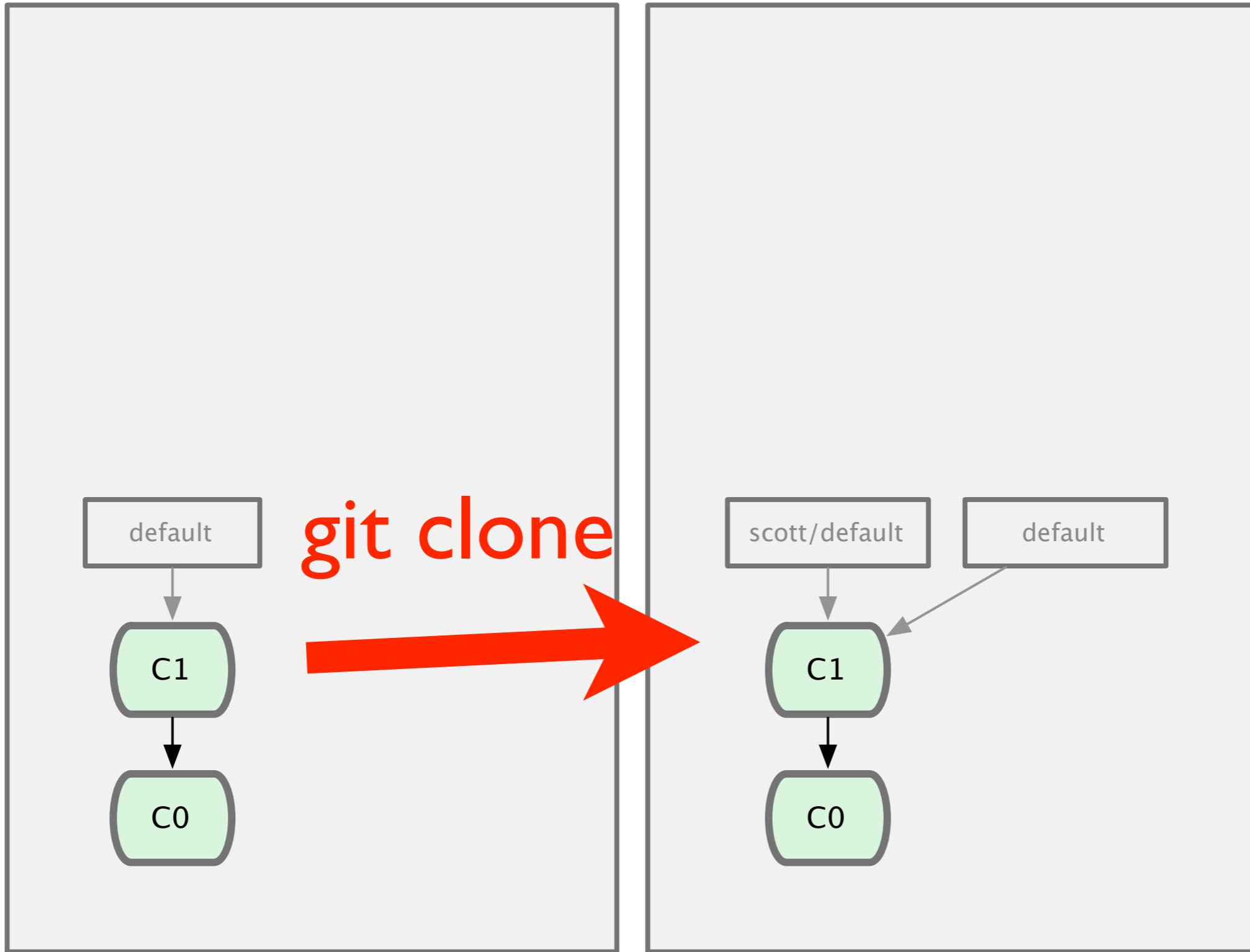
scott

jessica

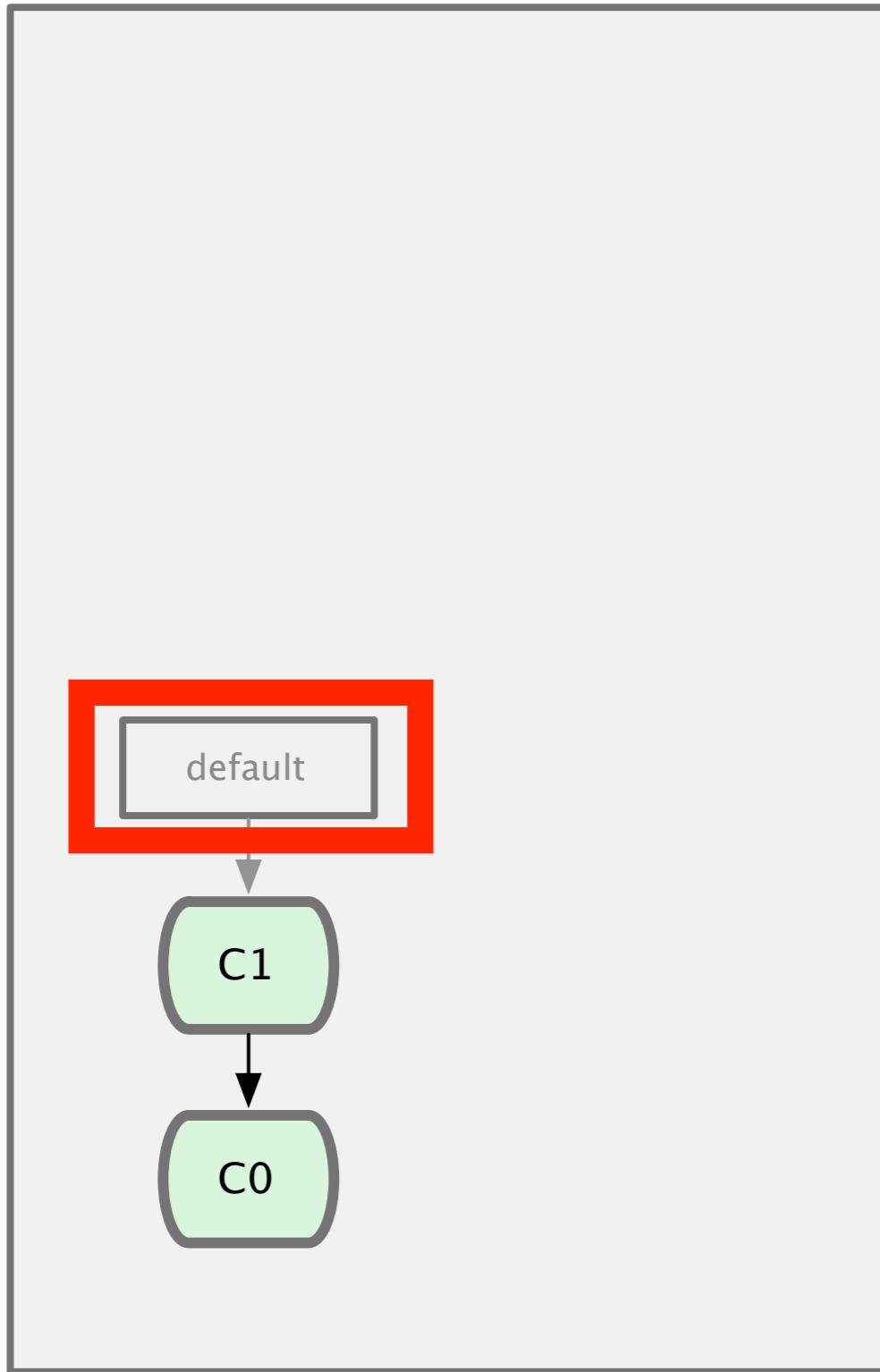


scott

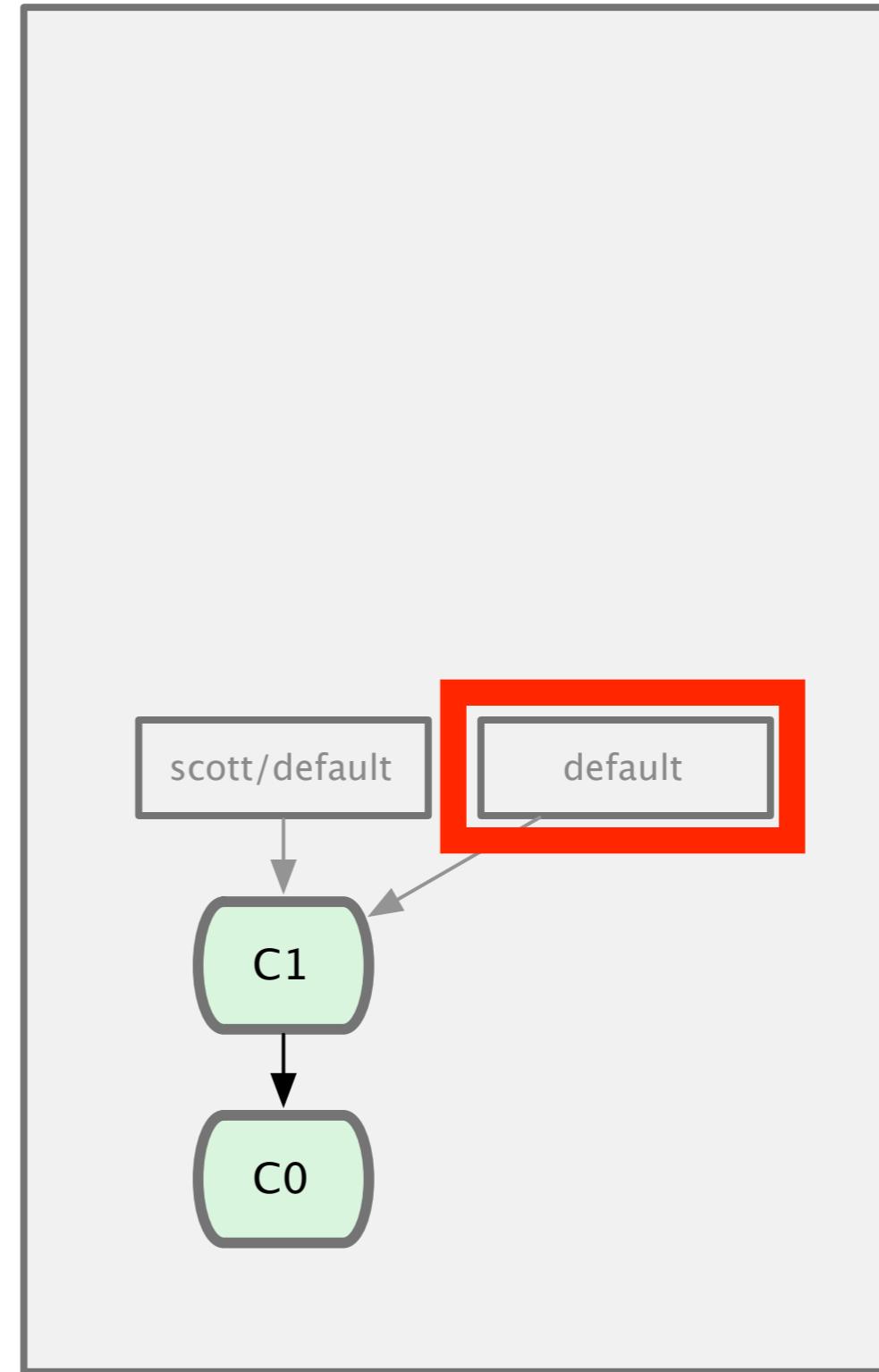
jessica



scott

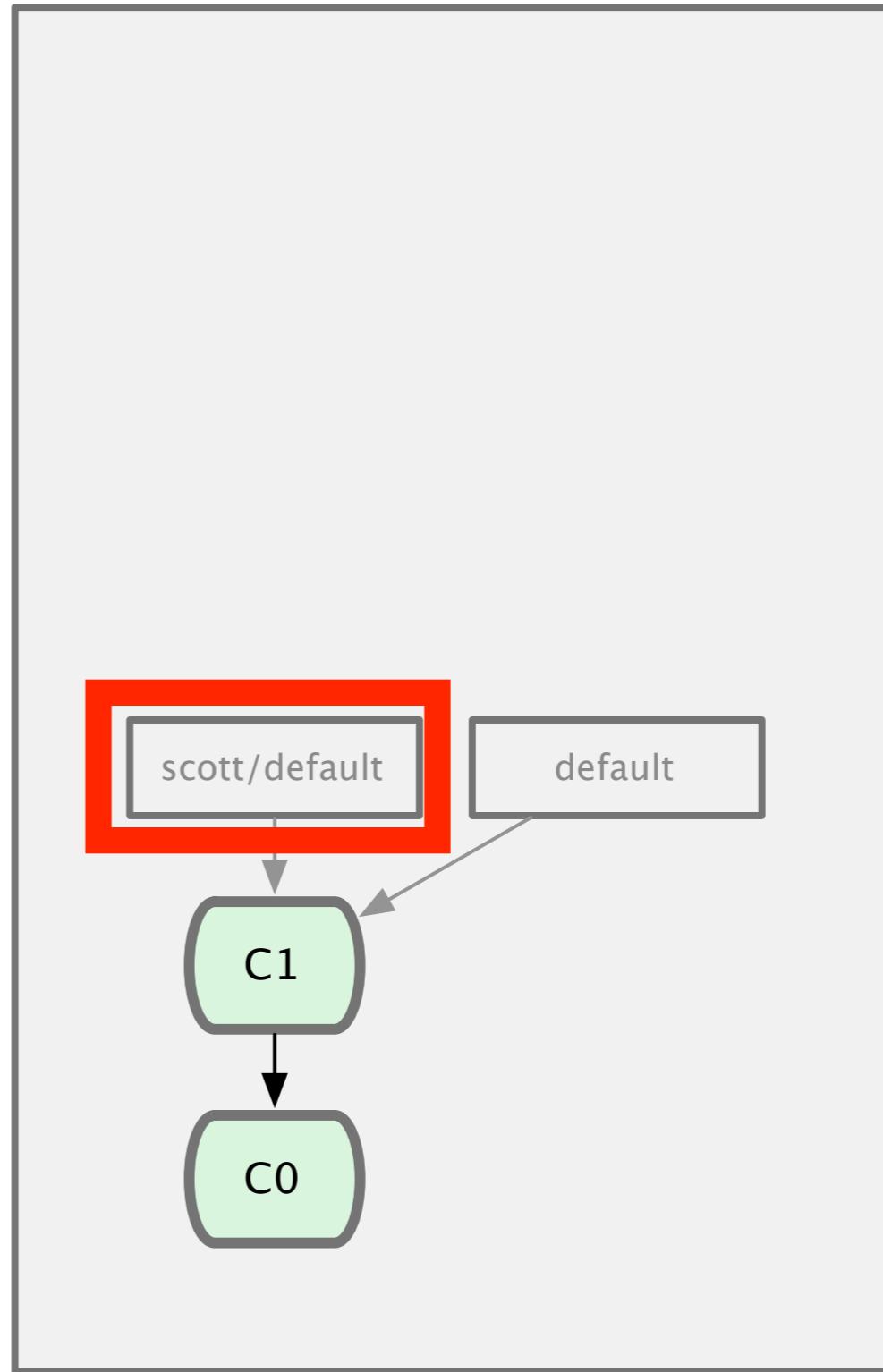
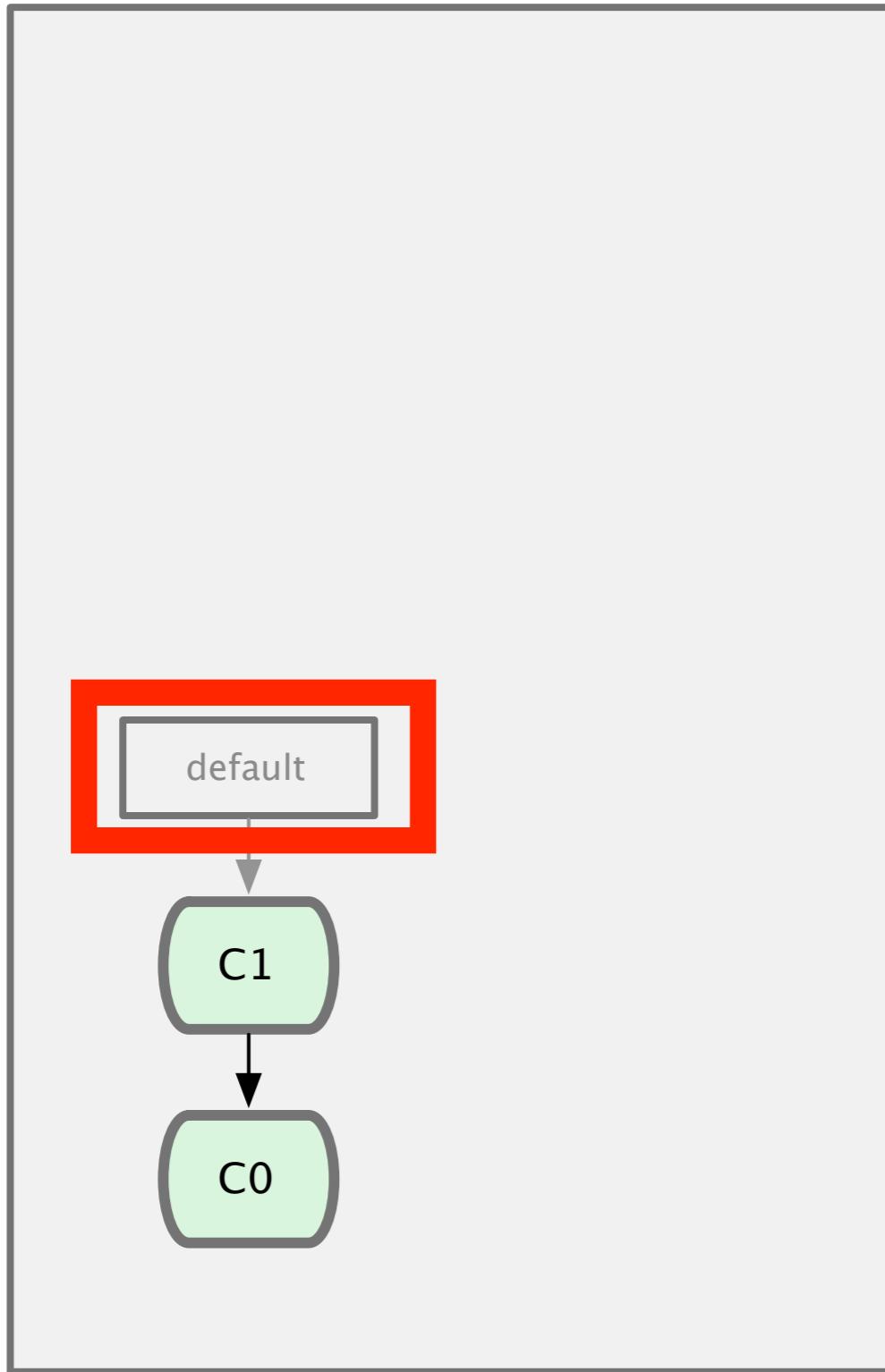


jessica

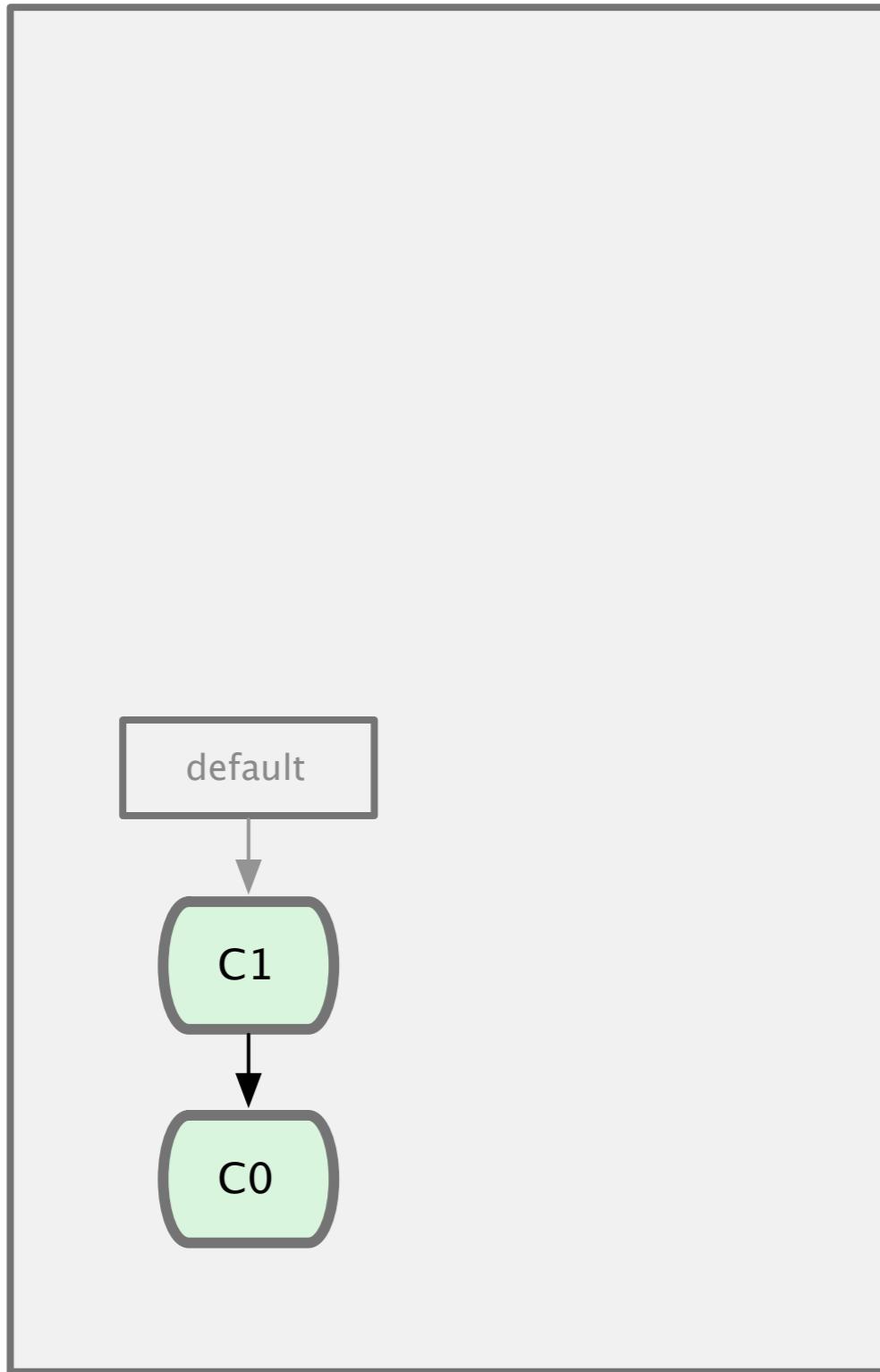


scott

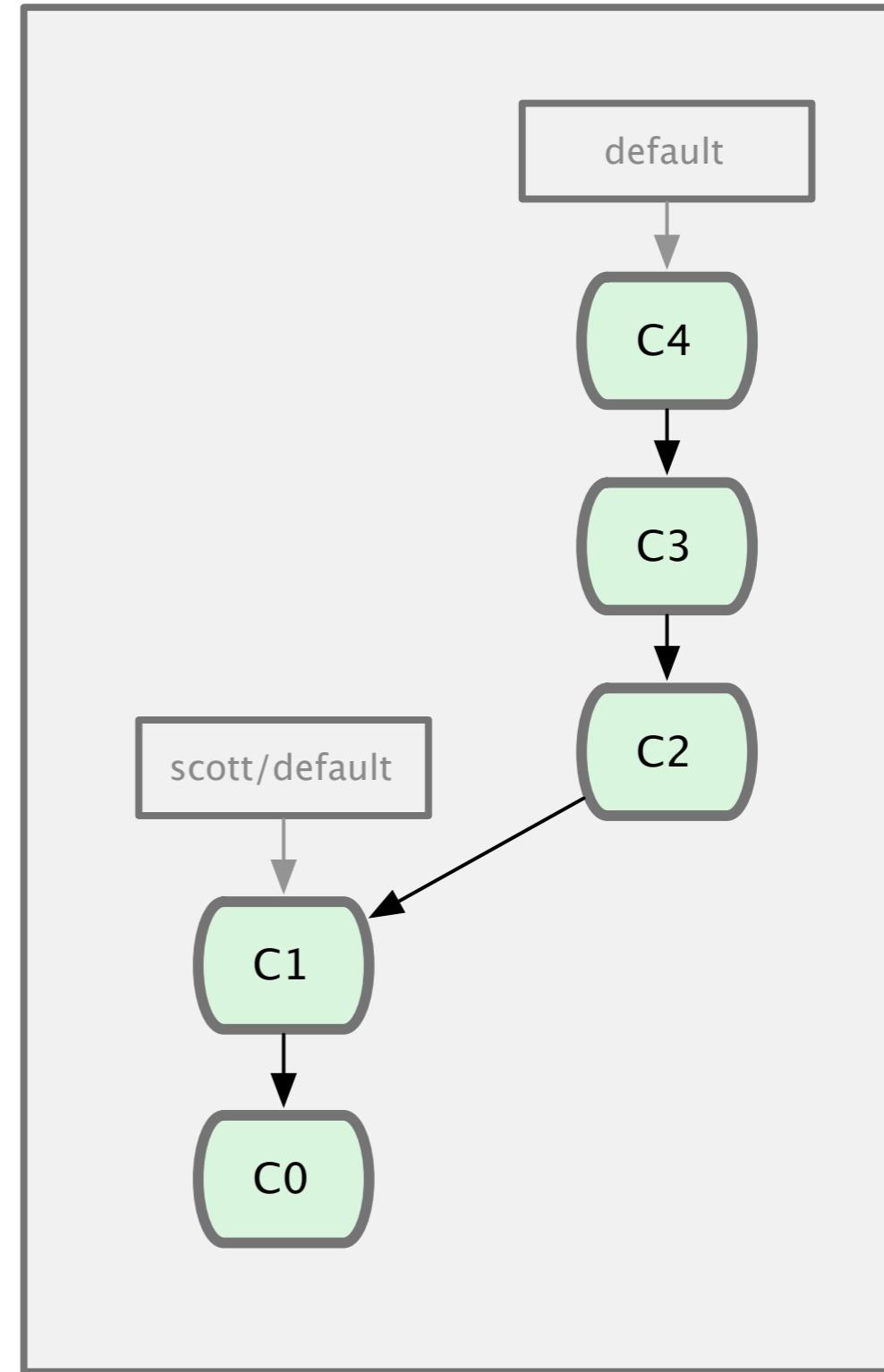
jessica



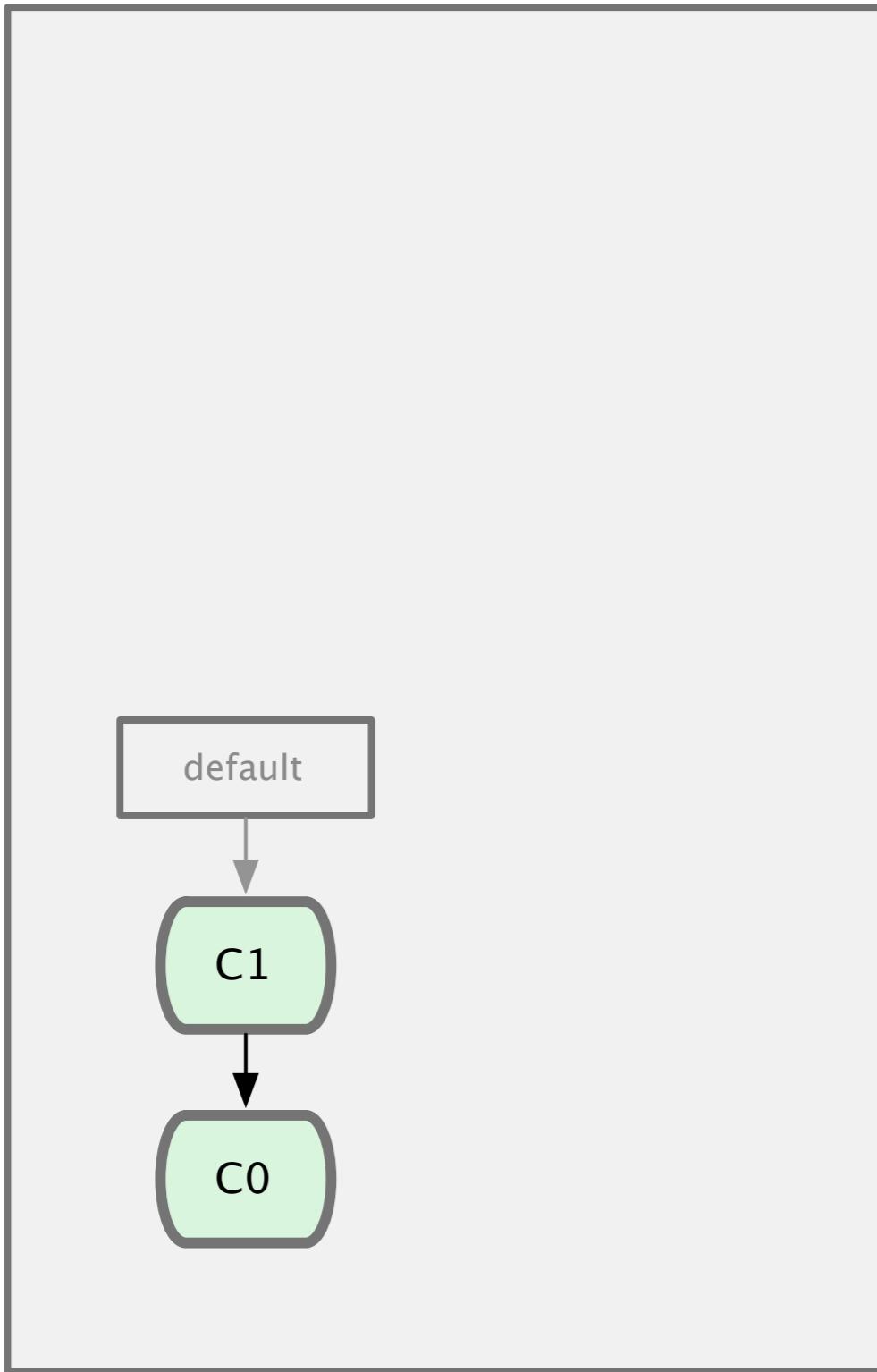
scott



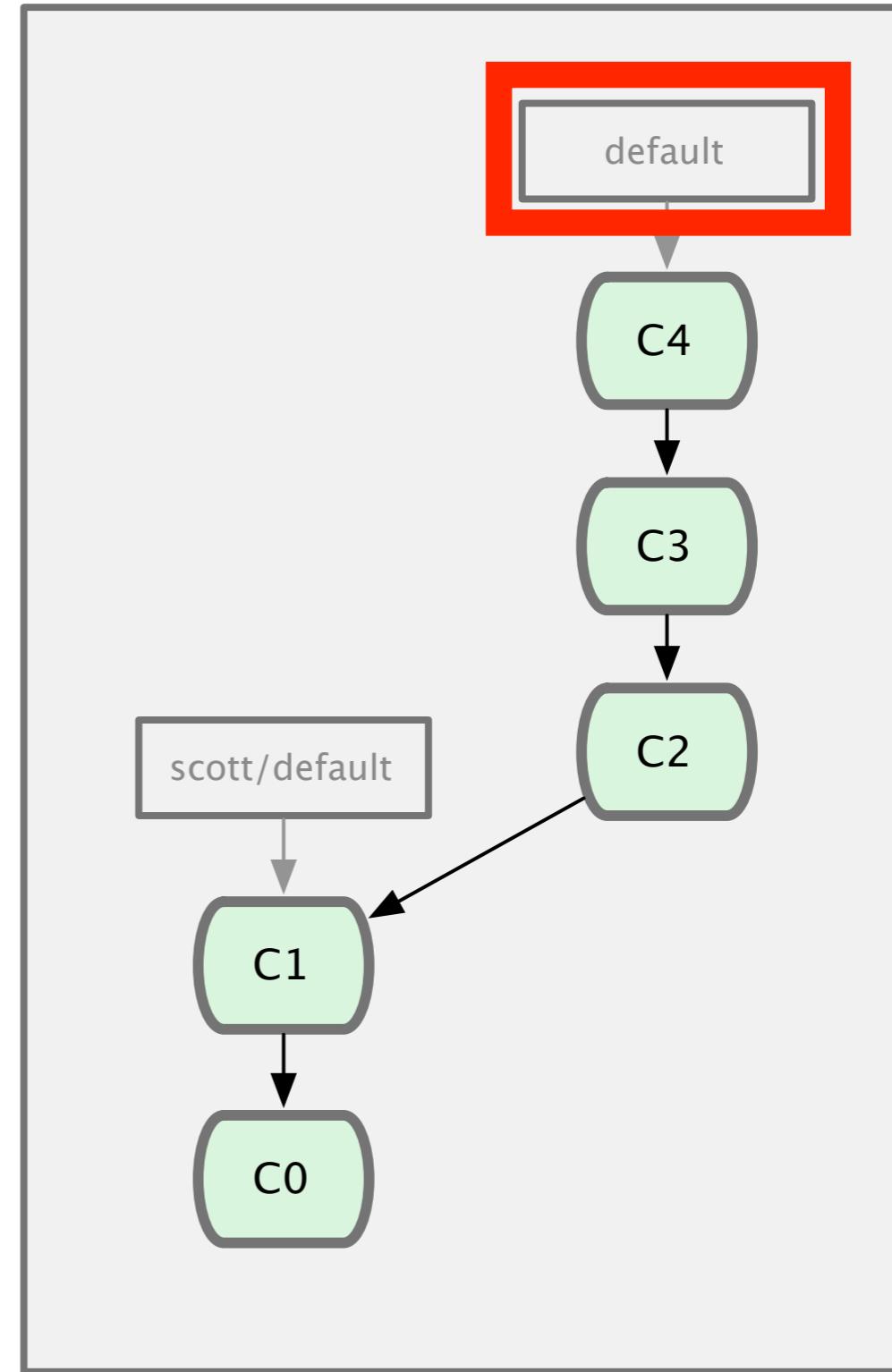
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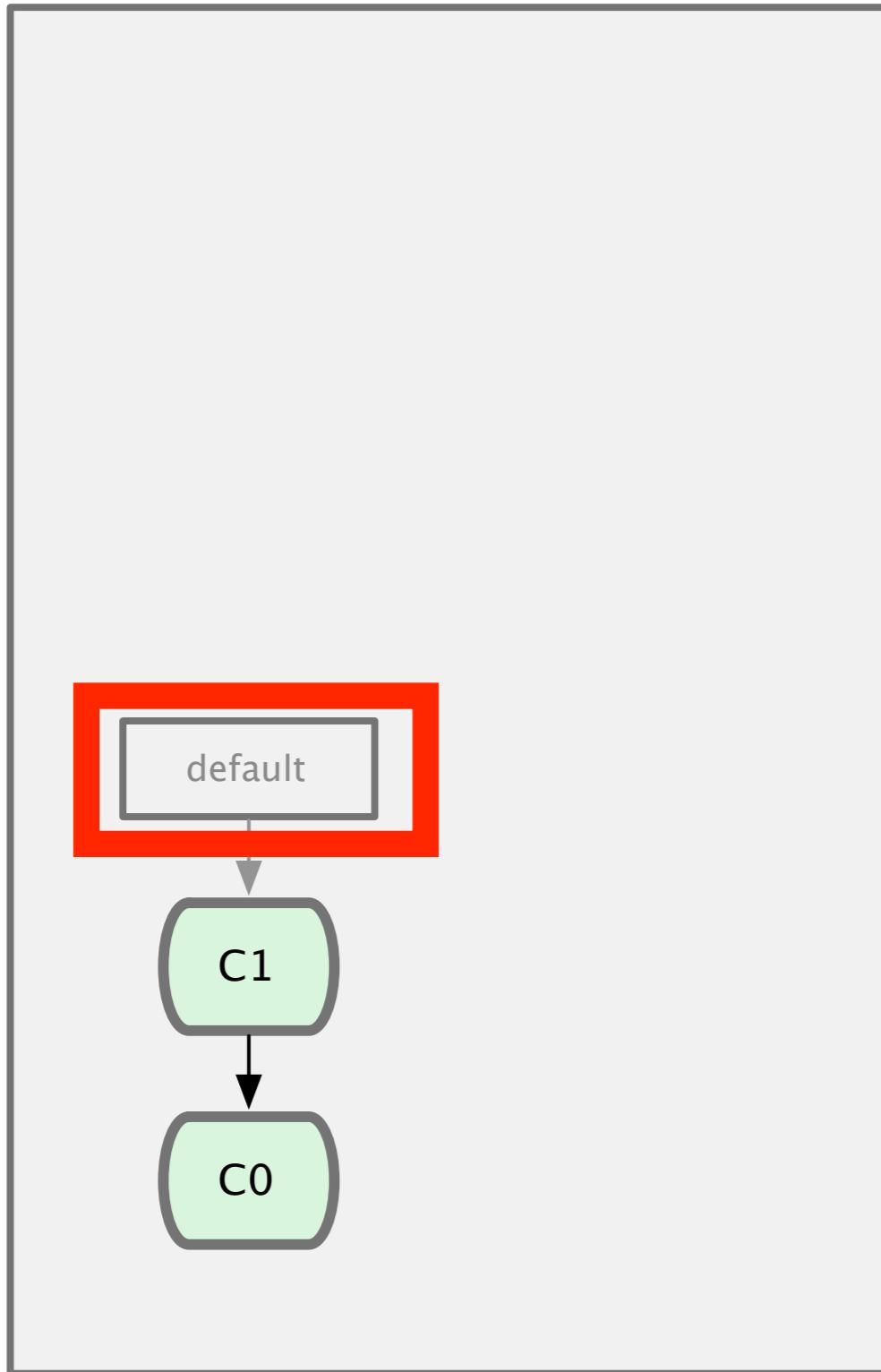
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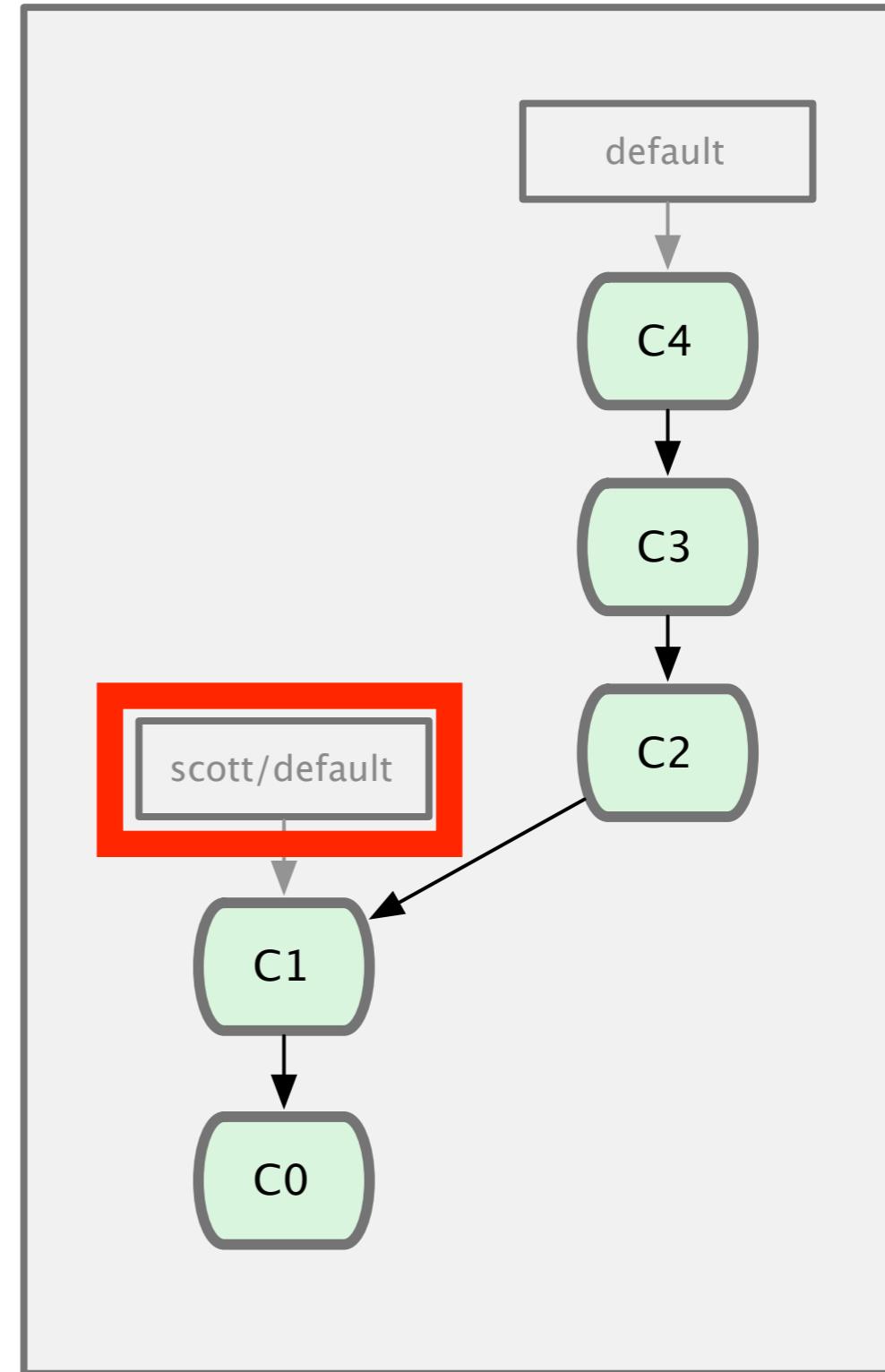
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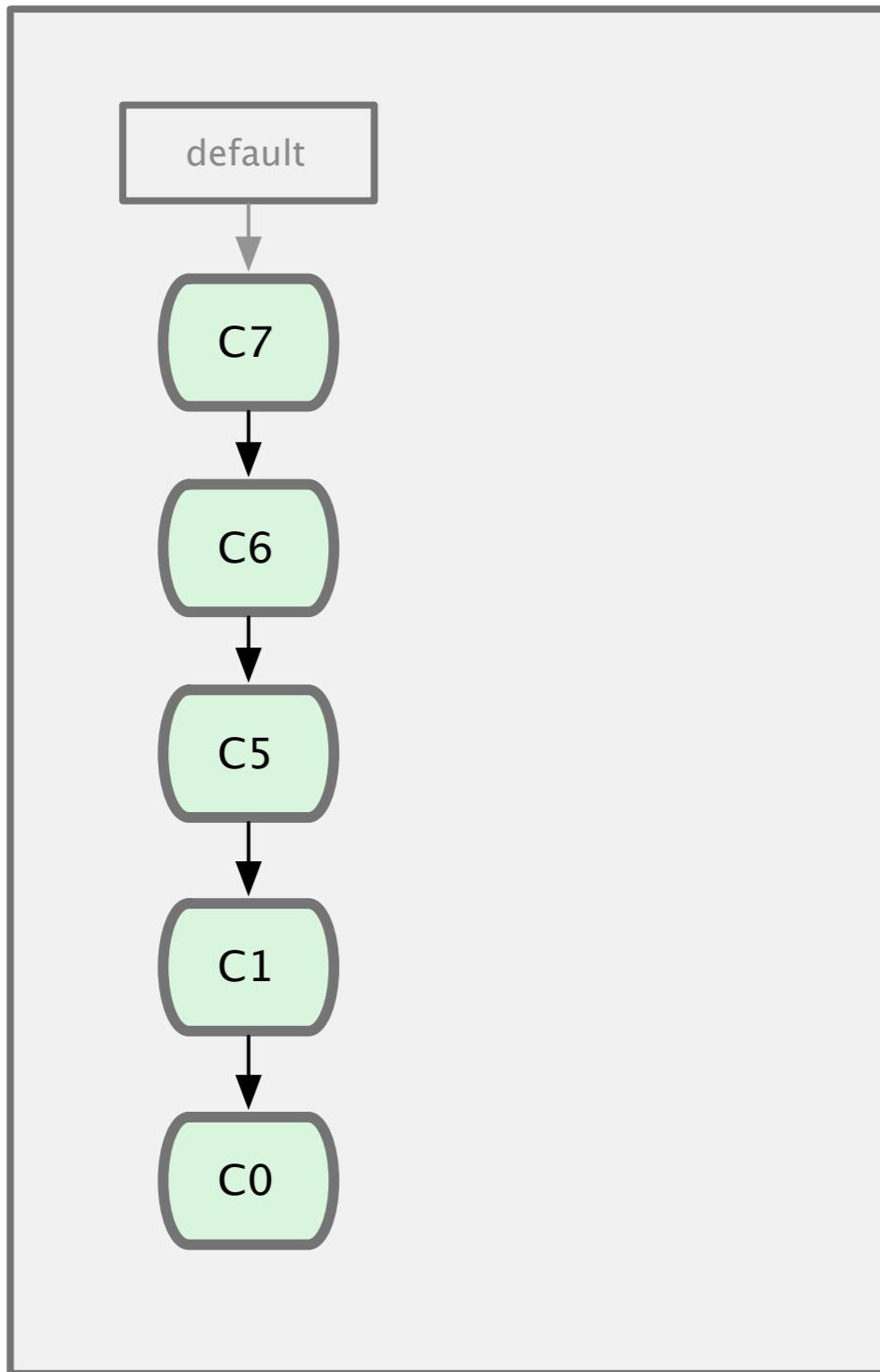
scott



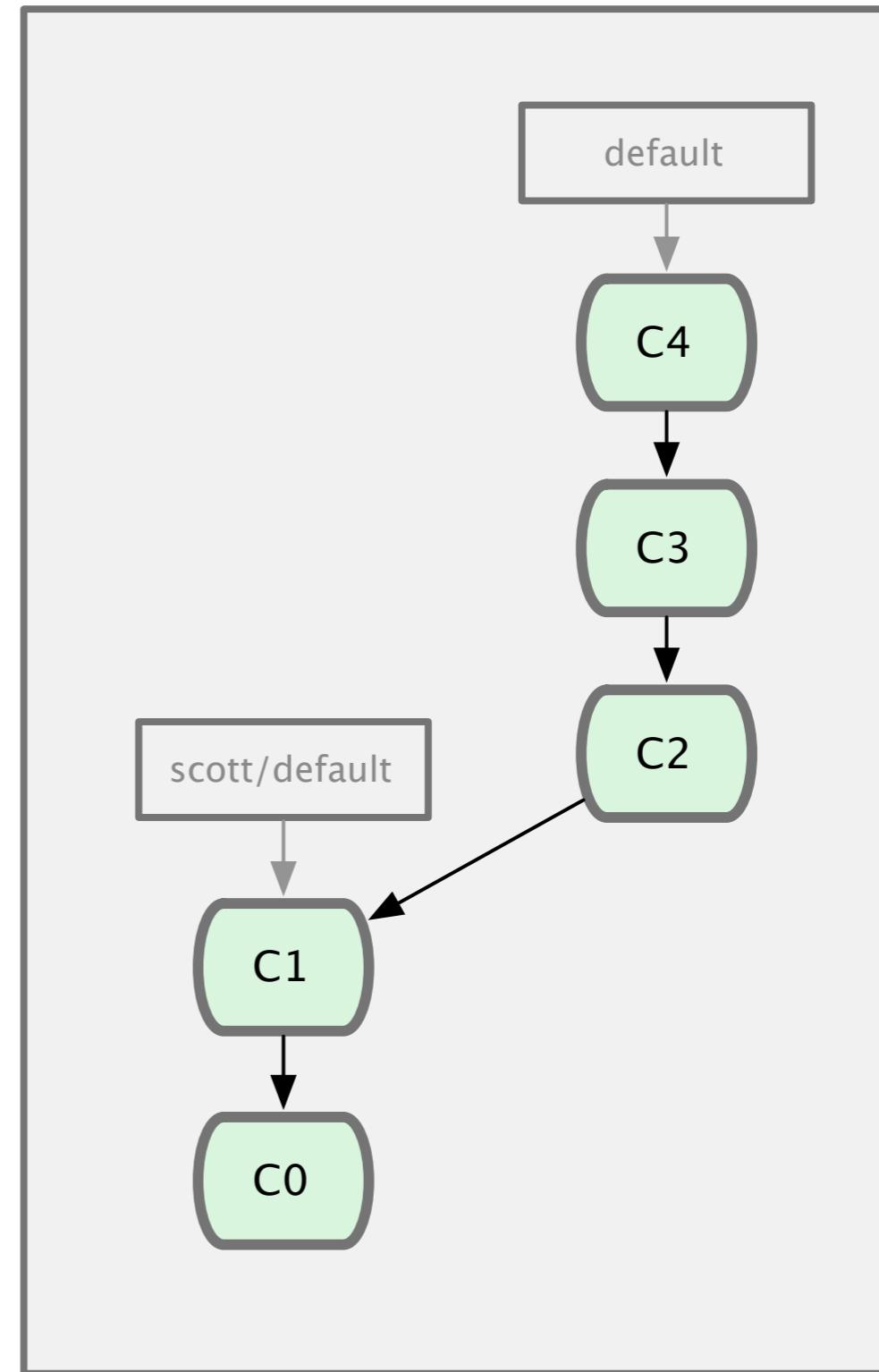
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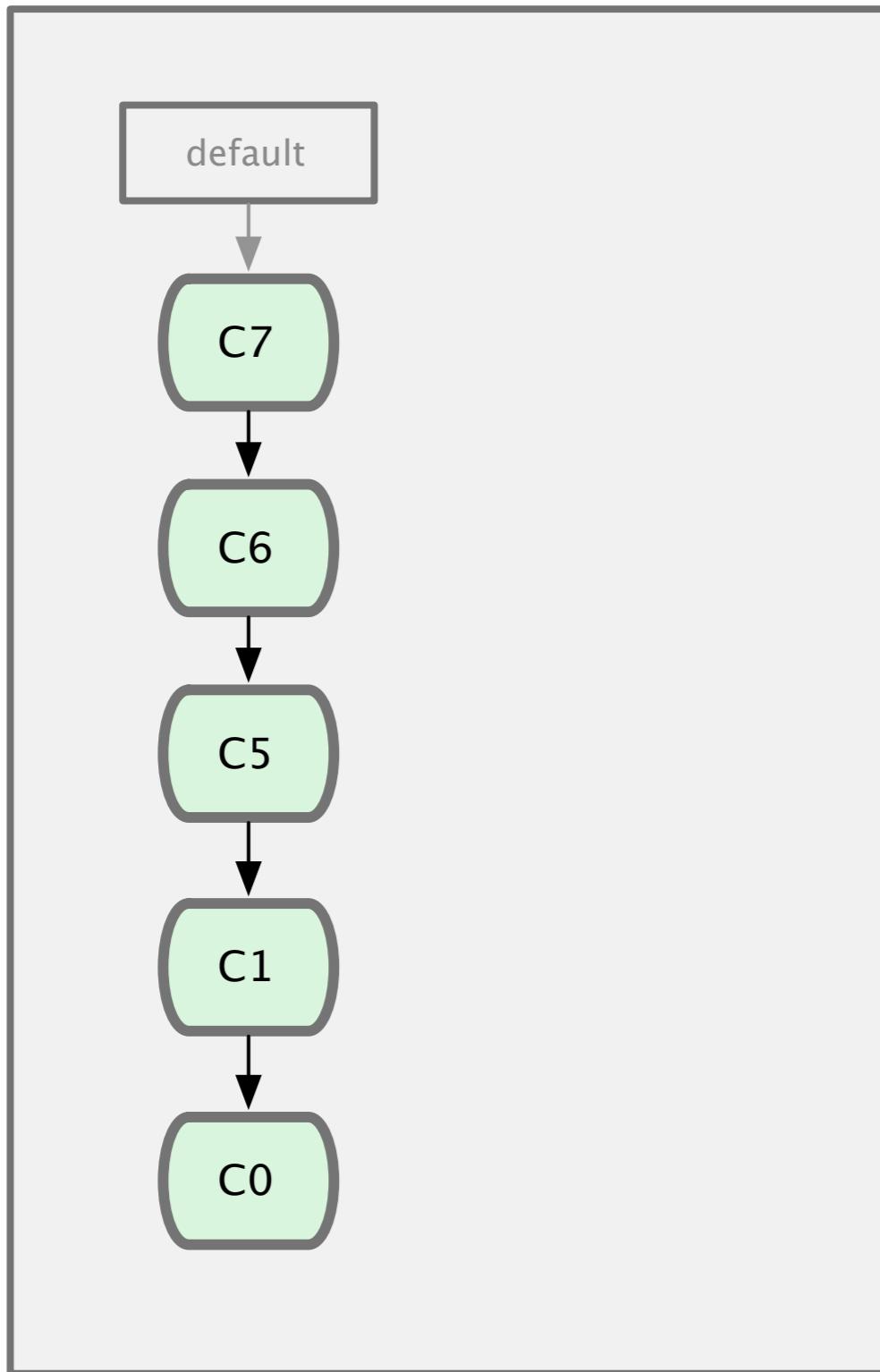
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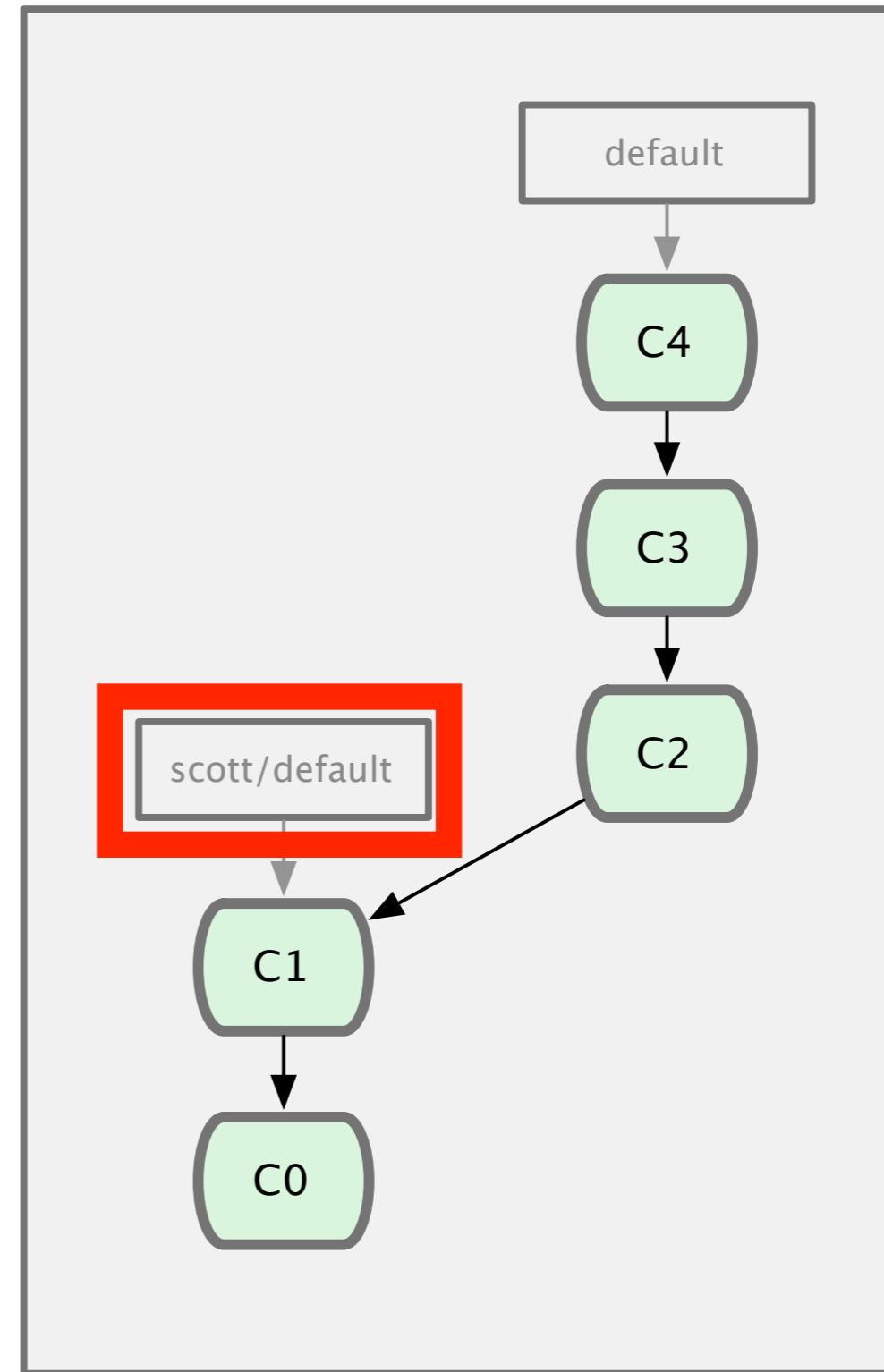
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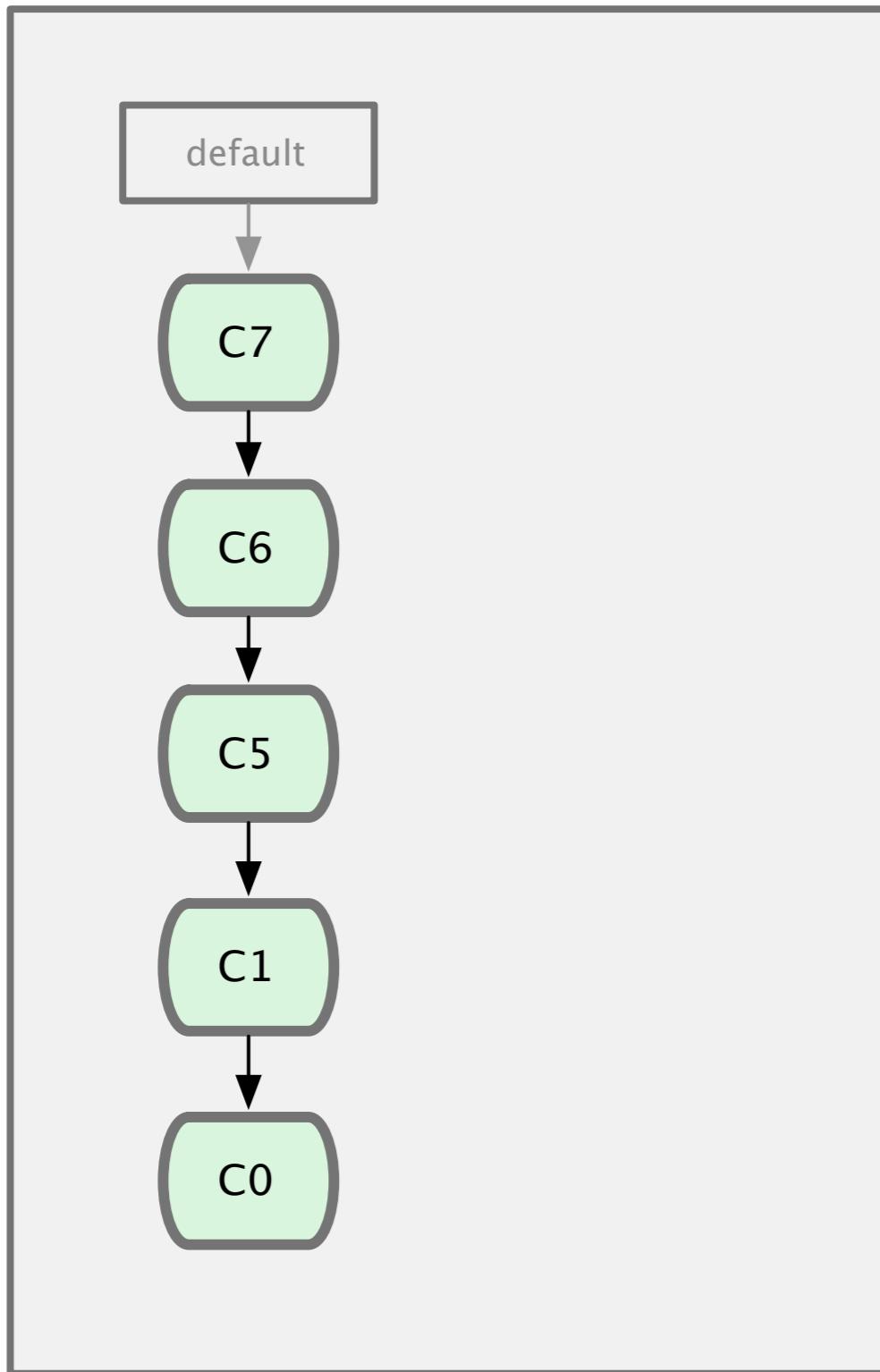
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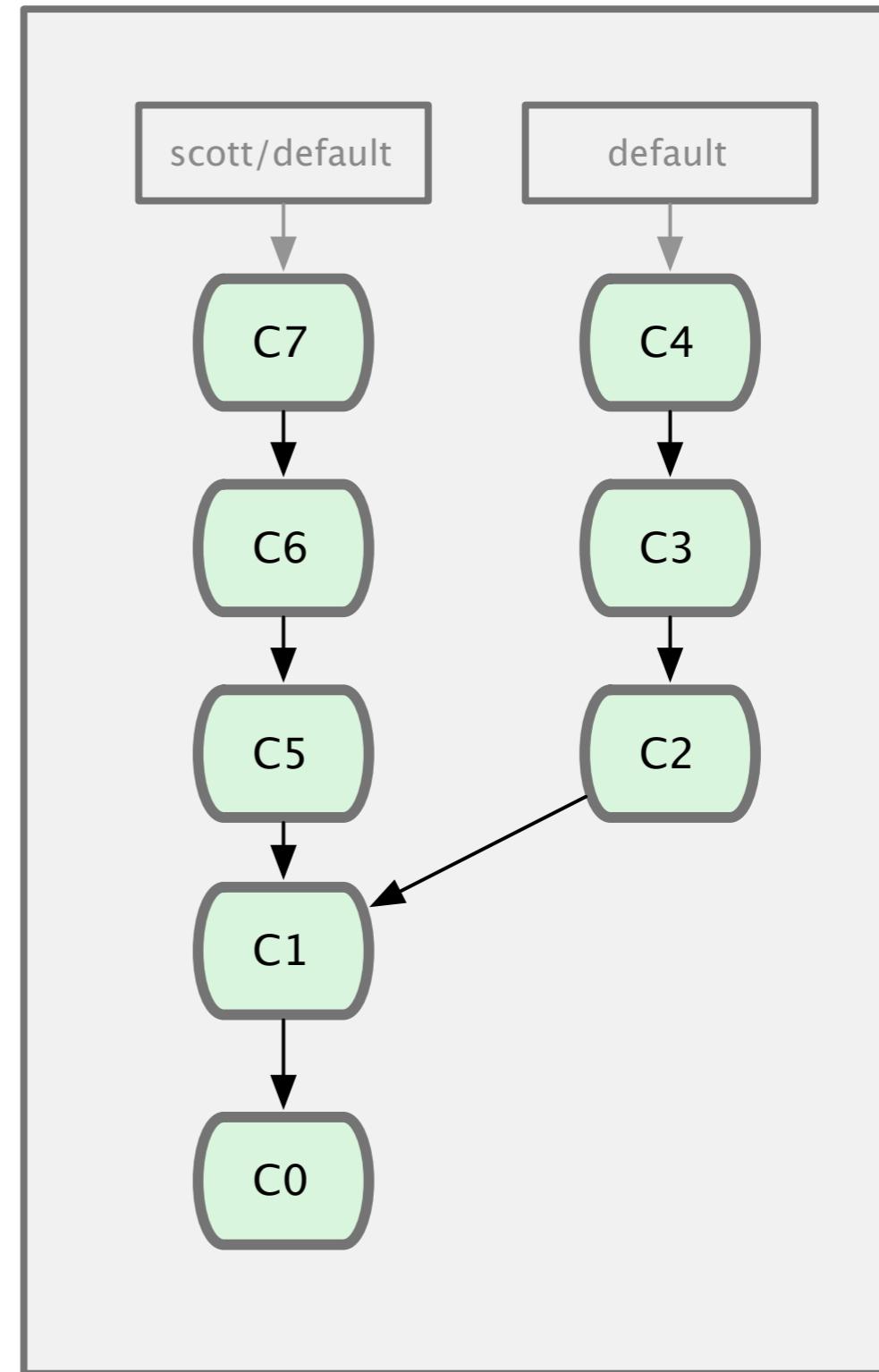
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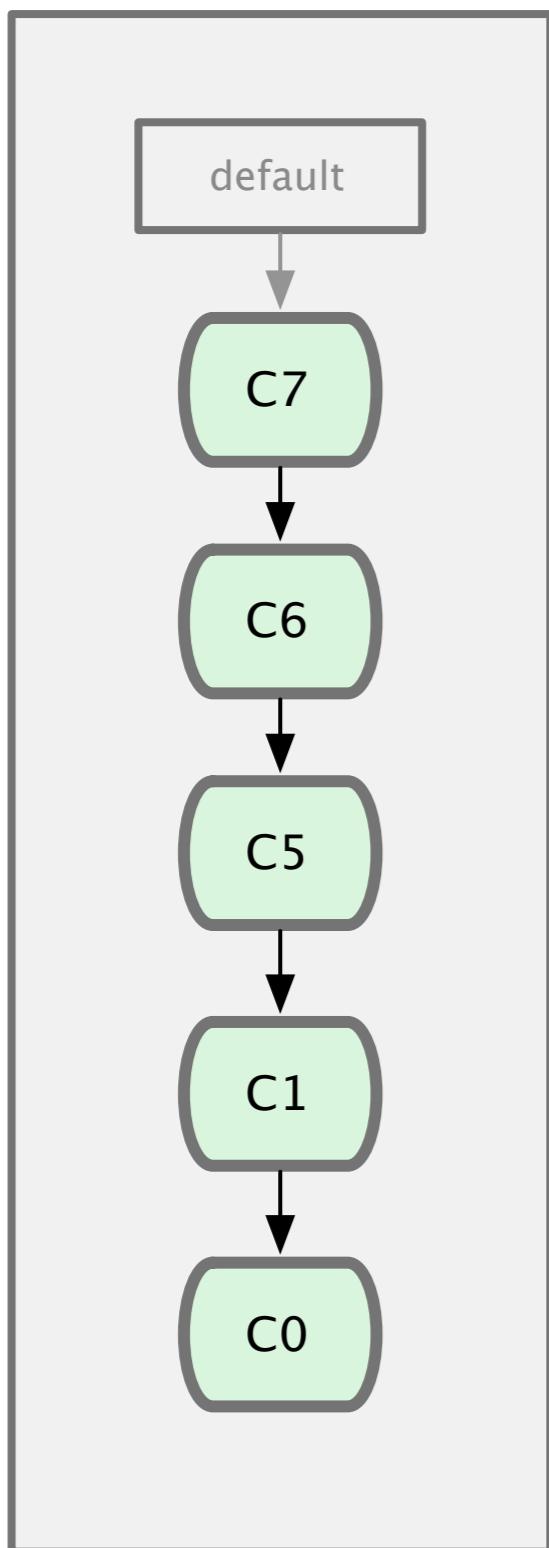
scott



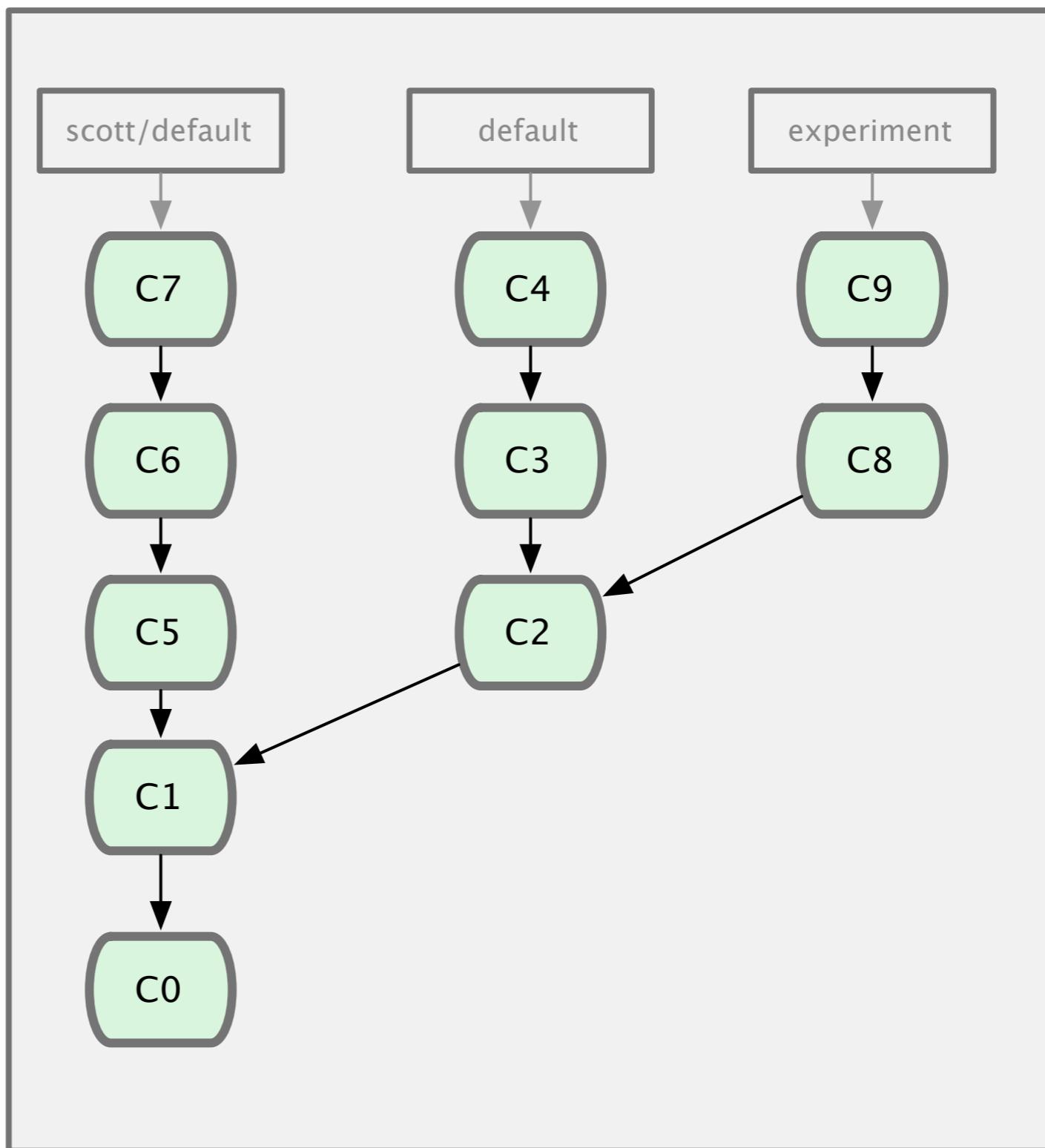
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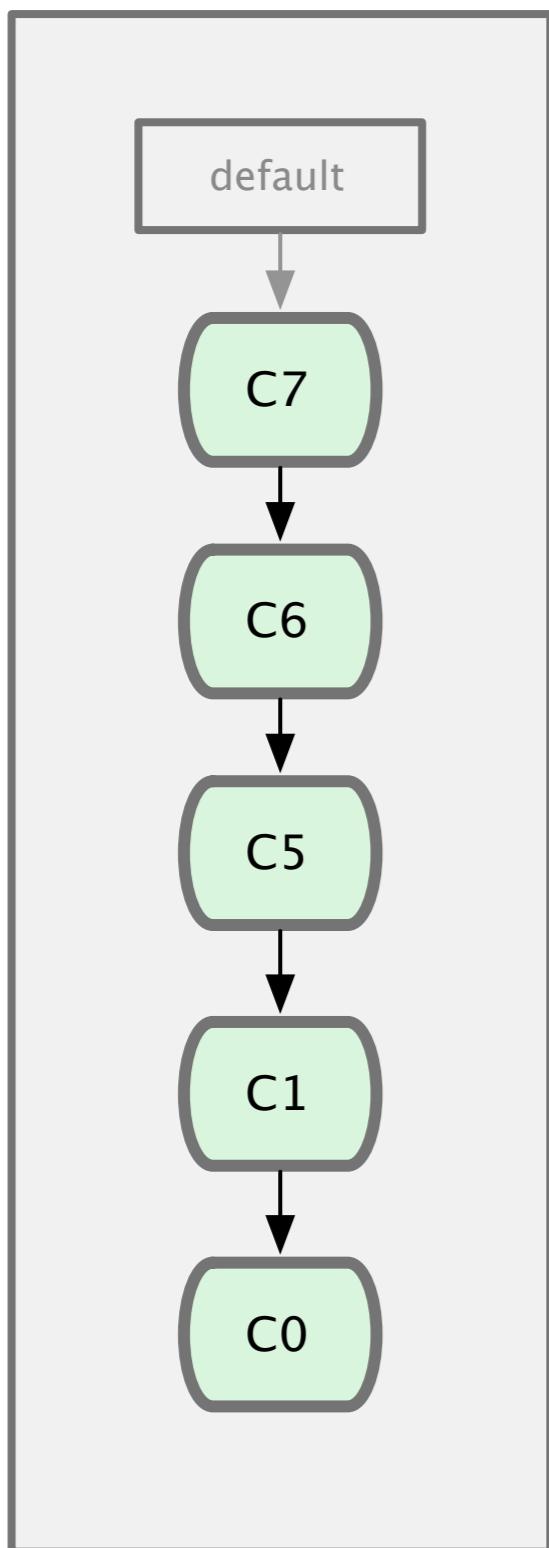
scott



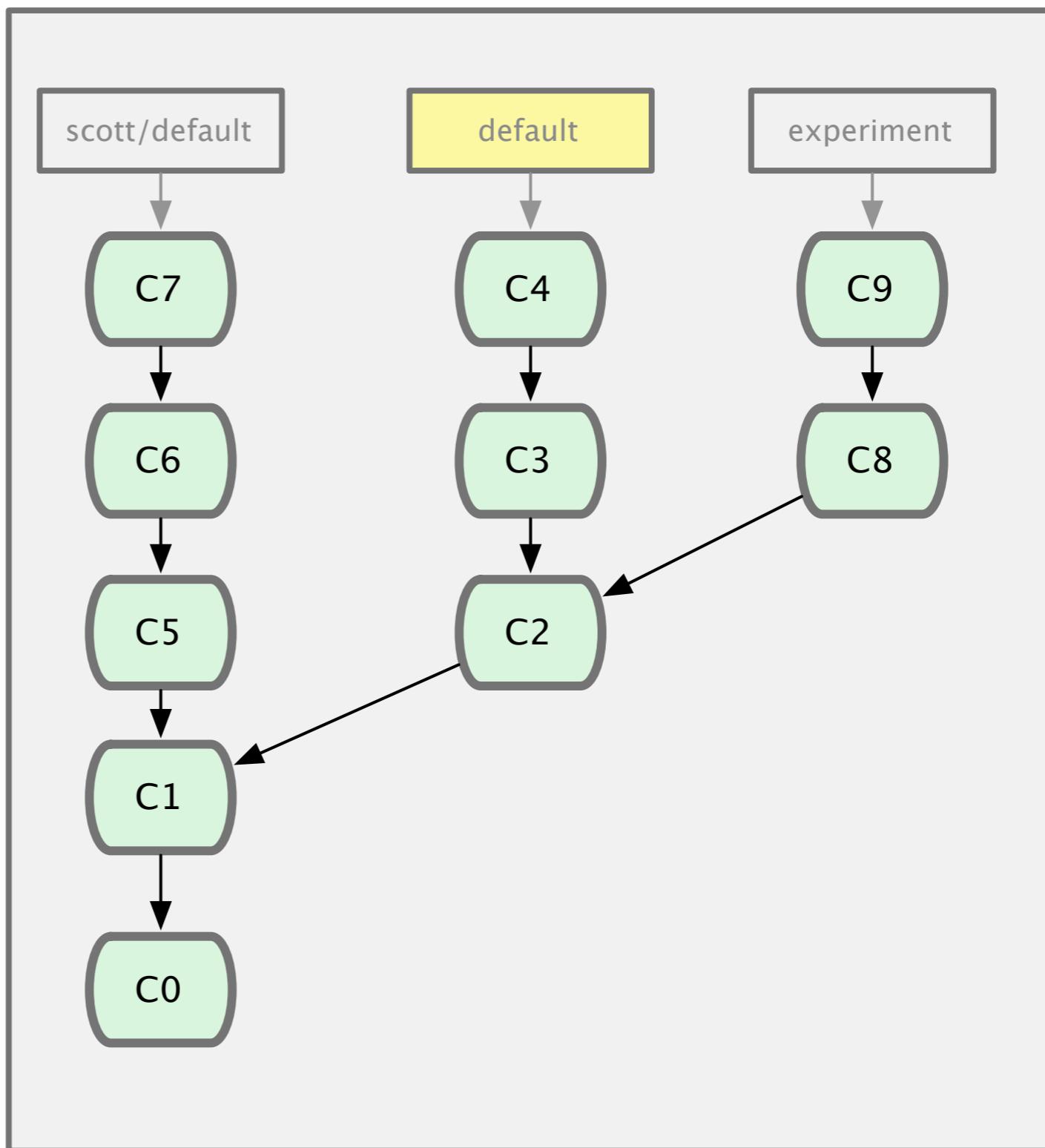
jessica



scott

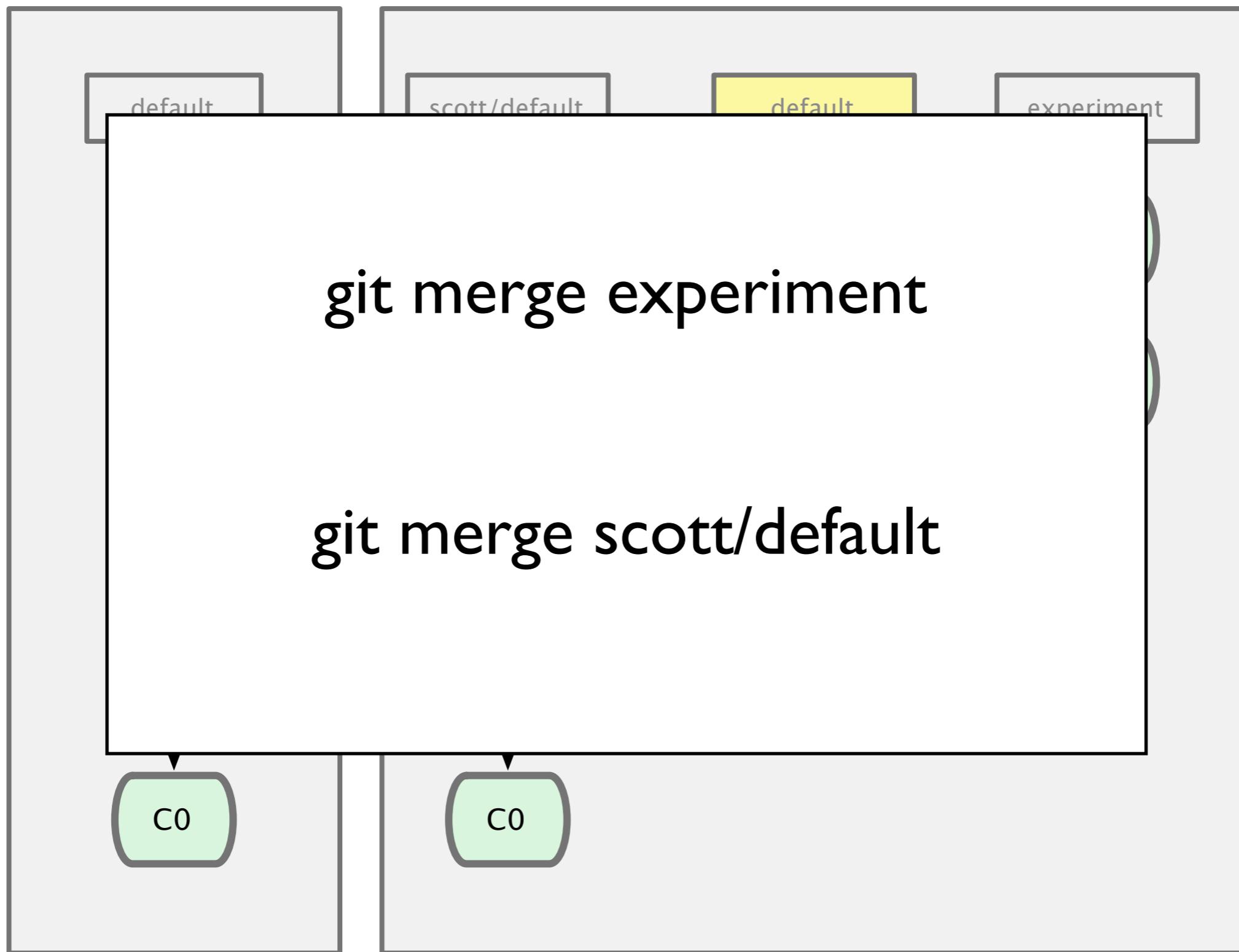


jessica

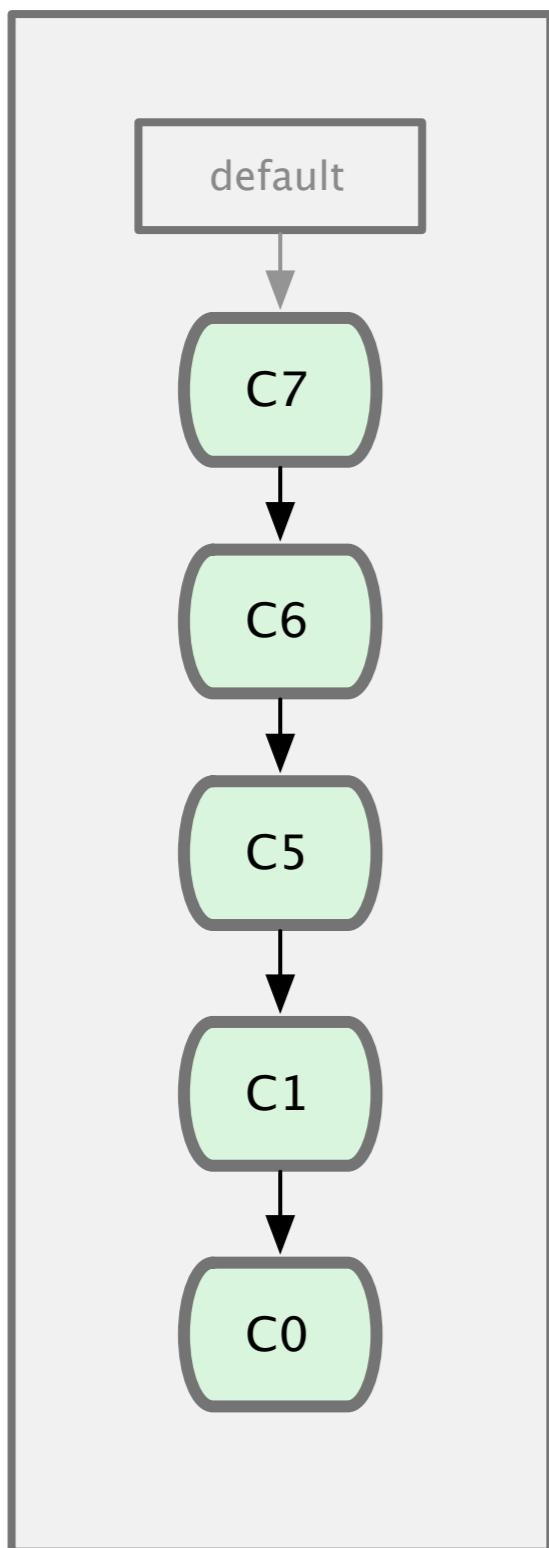


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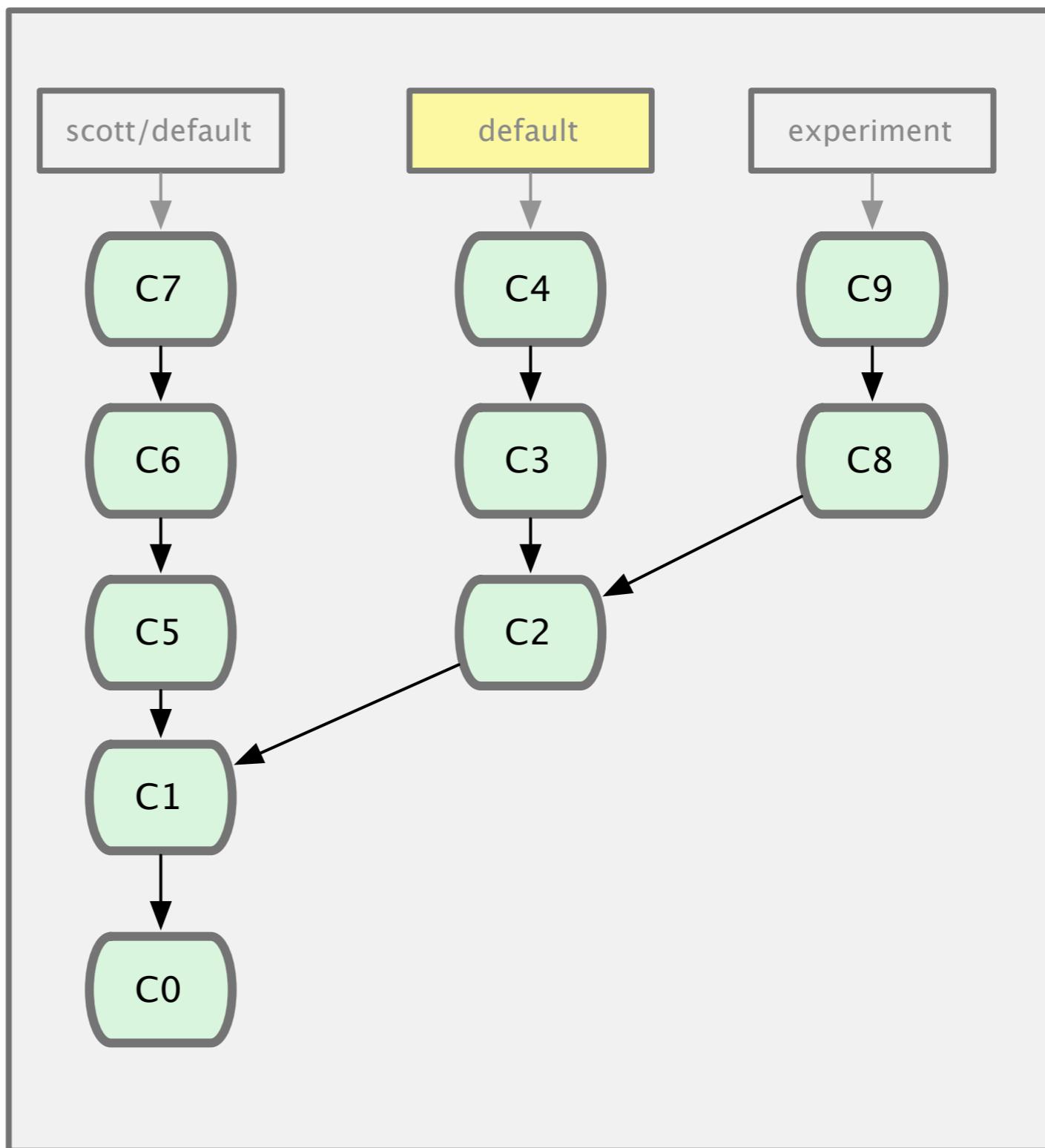
jessica



scott

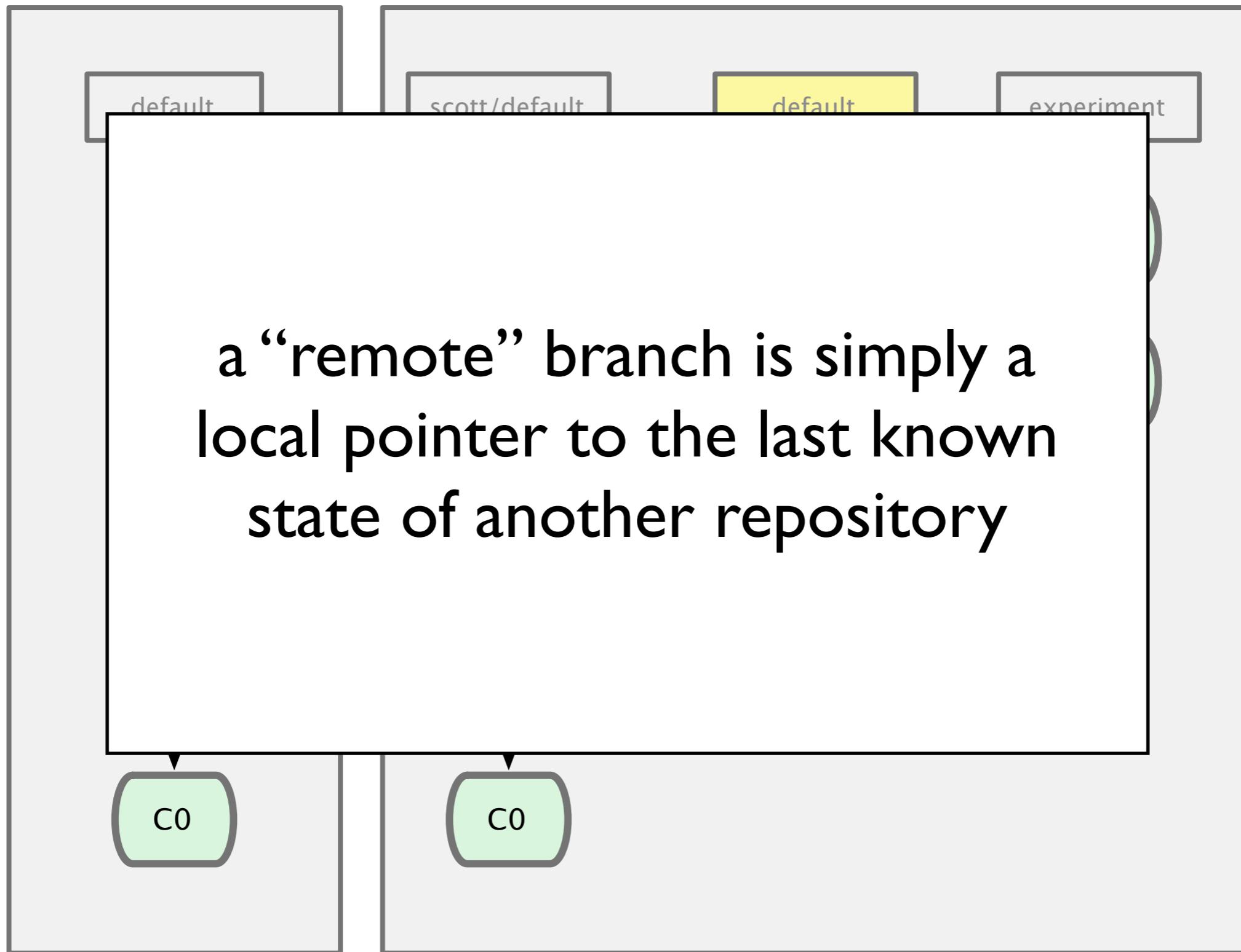


jessica



scott

jessica



Stashing

```
git stash [save "desc"]
```

... (bijv. pull, nood werk!)

```
git stash pop
```

A Topicus Workflow

Edit files

Stage the changes

Review your changes

Commit the changes

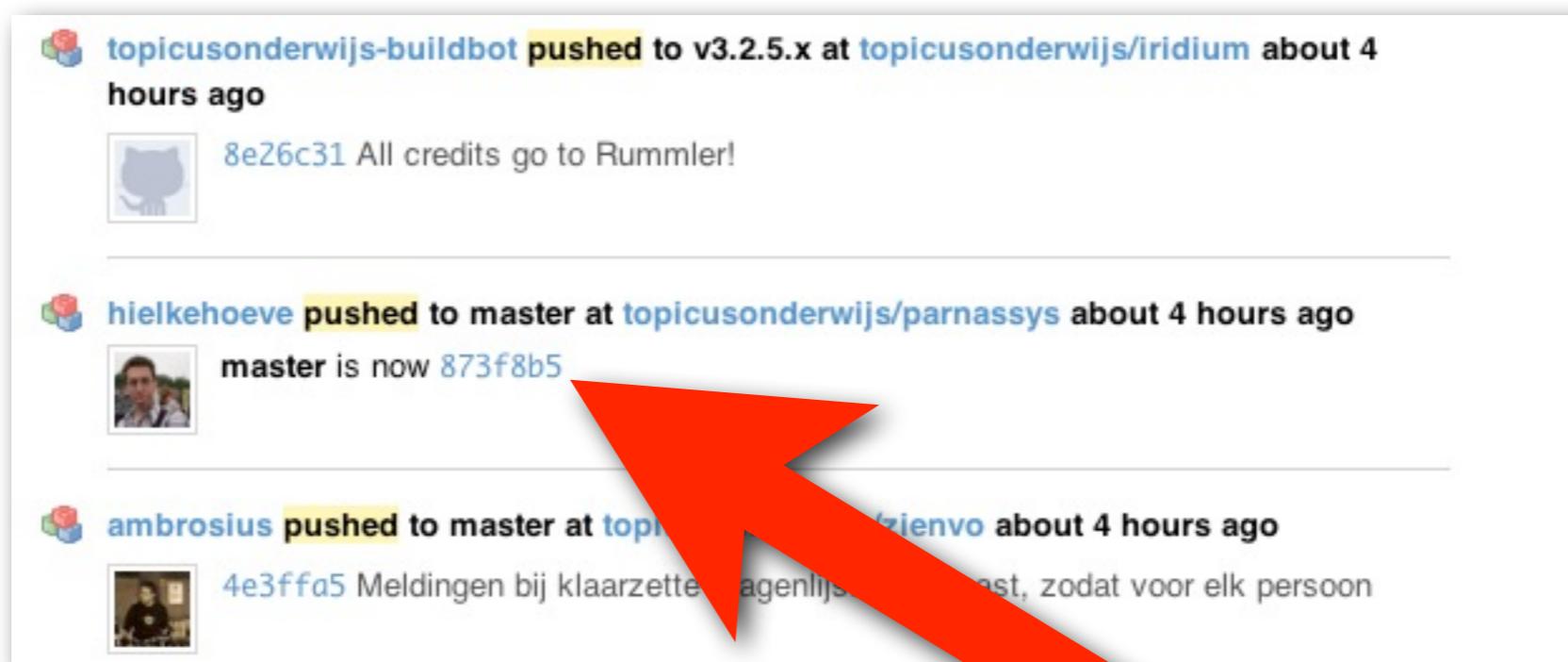
Pull from remote (origin)

Push to remote (origin)

Wat is niet koel?

git push --force

Wat is niet koel?



topicusonderwijs-buildbot pushed to v3.2.5.x at topicusonderwijs/iridium about 4 hours ago
8e26c31 All credits go to Rummel!

hielkehoeve pushed to master at topicusonderwijs/parnassys about 4 hours ago
master is now 873f8b5

ambrosius pushed to master at topicusonderwijs/zienvo about 4 hours ago
4e3ffa5 Meldingen bij klaarzetten op een agendalijst. De melding is nu best, zodat voor elk persoon

Wat is niet koel?



git push --force

Wat is niet koel?



op straffe van...

Why is git cool?

non-linear development

- clone the code that is in production

- clone the code that is in production
- create a branch for issue #53 (iss53)

- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes

- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102

- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
- checkout ‘production’

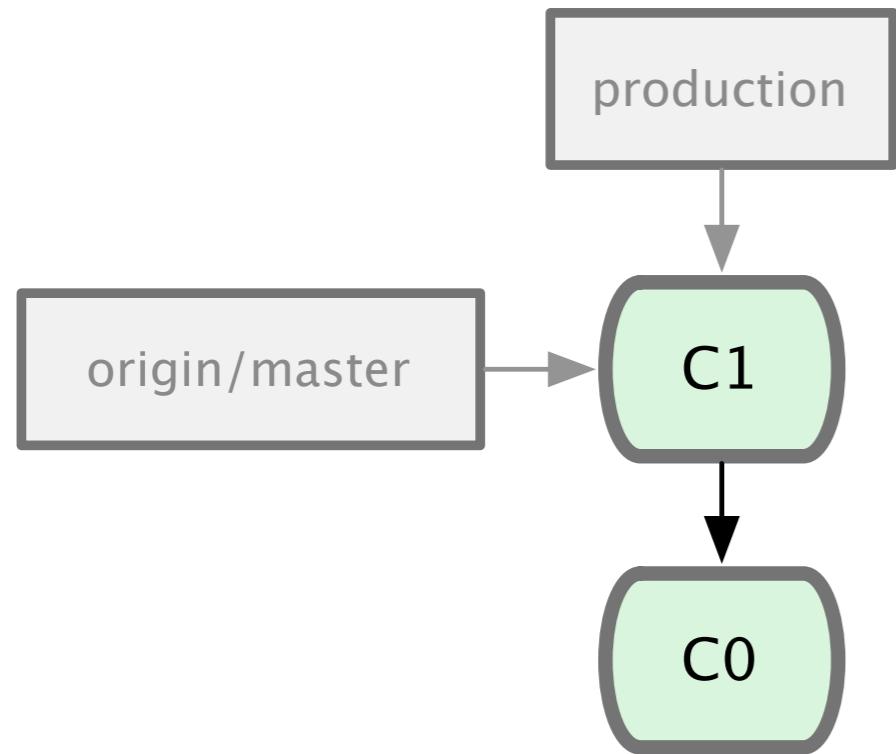
- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
- checkout ‘production’
- create a branch (iss102)

- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
- checkout ‘production’
- create a branch (iss102)
- fix the issue

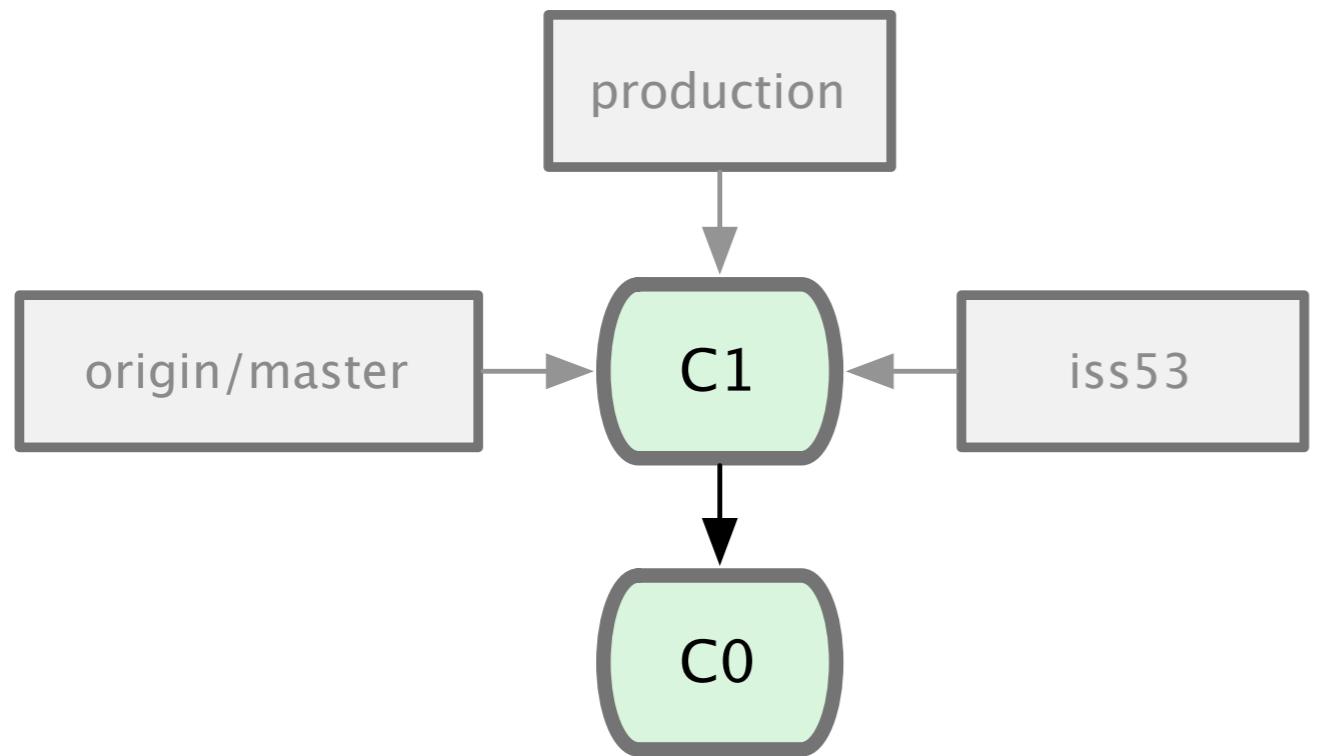
- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
- checkout ‘production’
- create a branch (iss102)
- fix the issue
- checkout ‘production’, merge ‘iss102’

- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
- checkout ‘production’
- create a branch (iss102)
- fix the issue
- checkout ‘production’, merge ‘iss102’
- push ‘production’

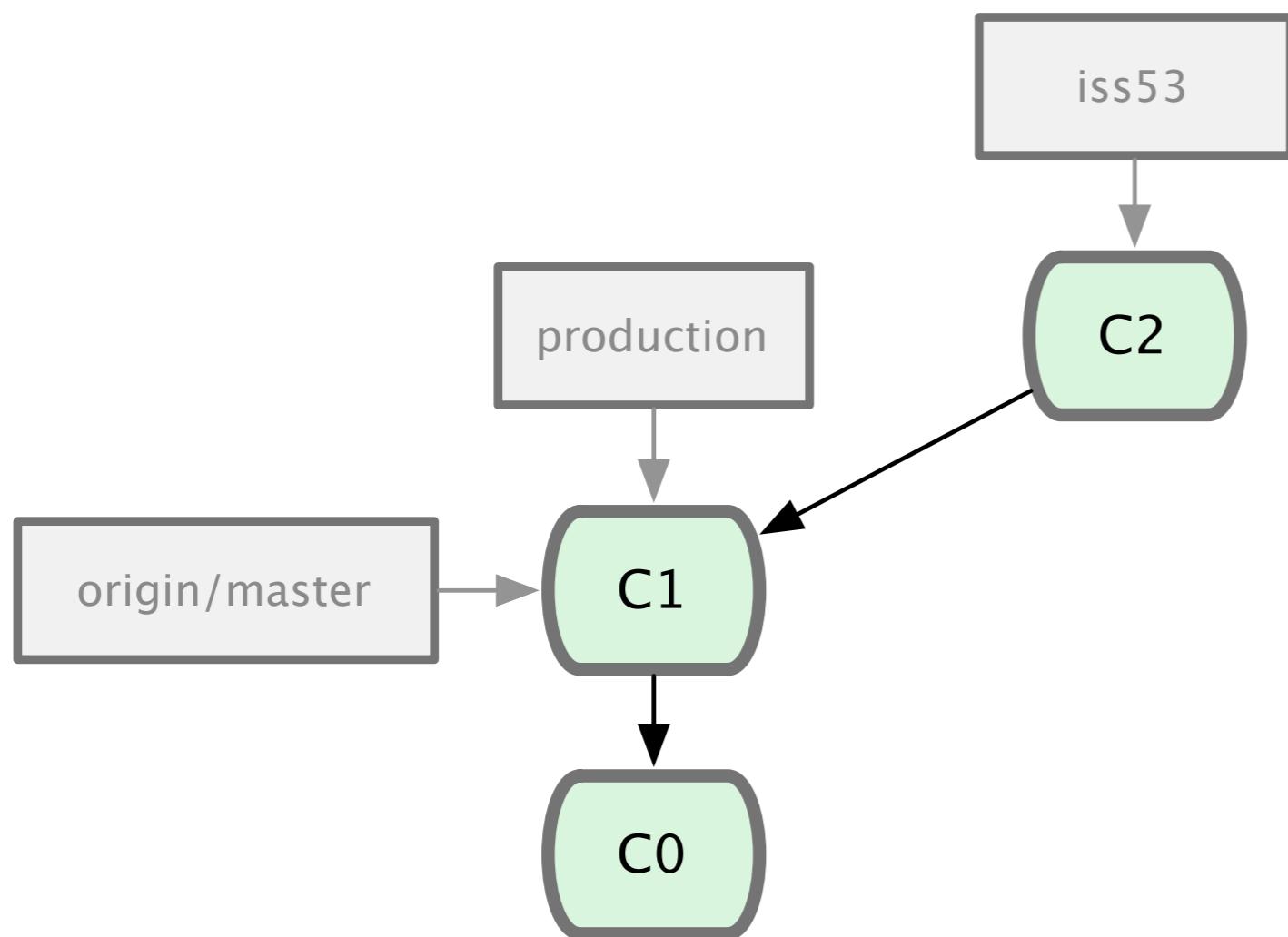
- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
 - checkout ‘production’
 - create a branch (iss102)
 - fix the issue
 - checkout ‘production’, merge ‘iss102’
 - push ‘production’
 - etc



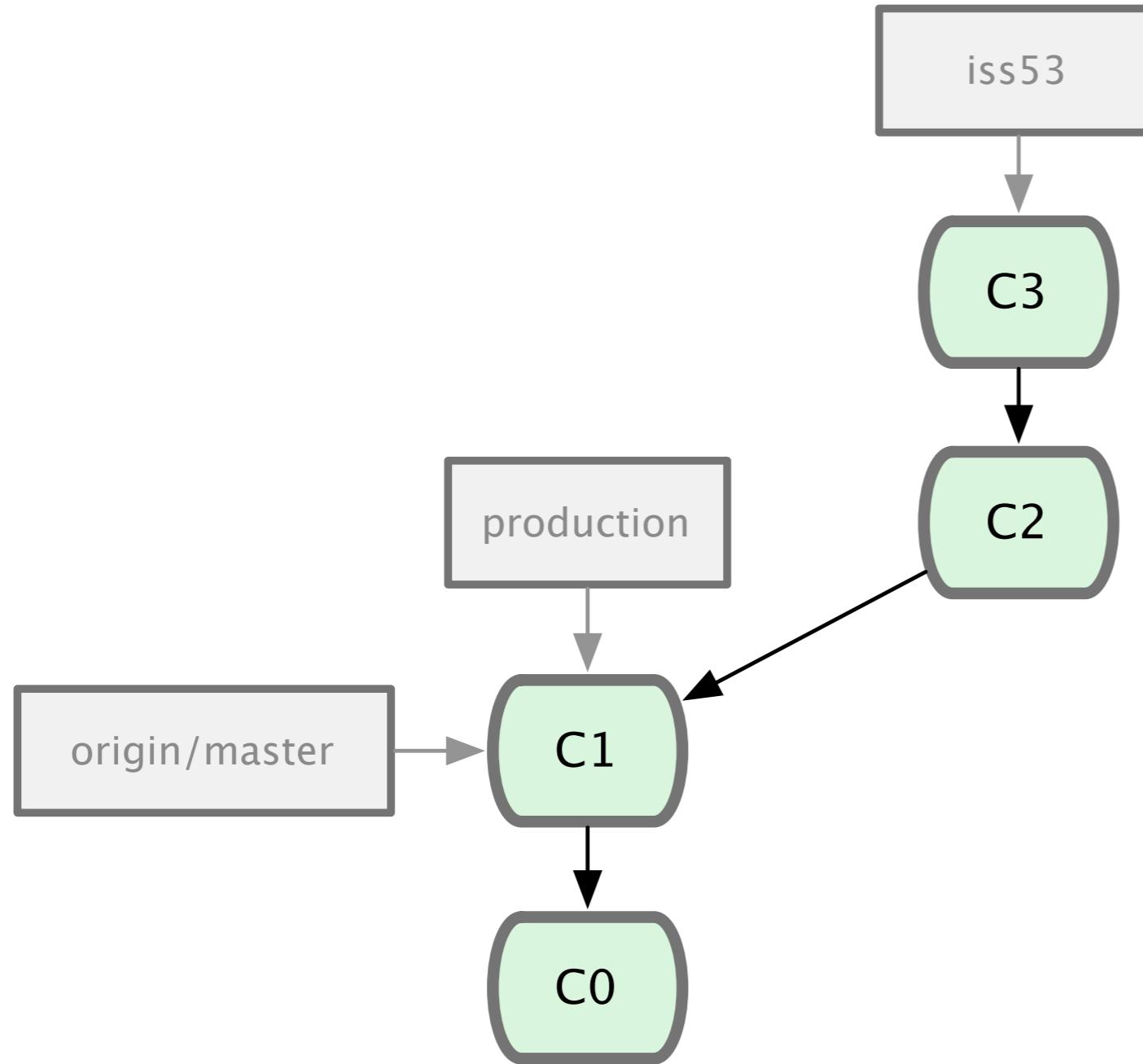
git clone



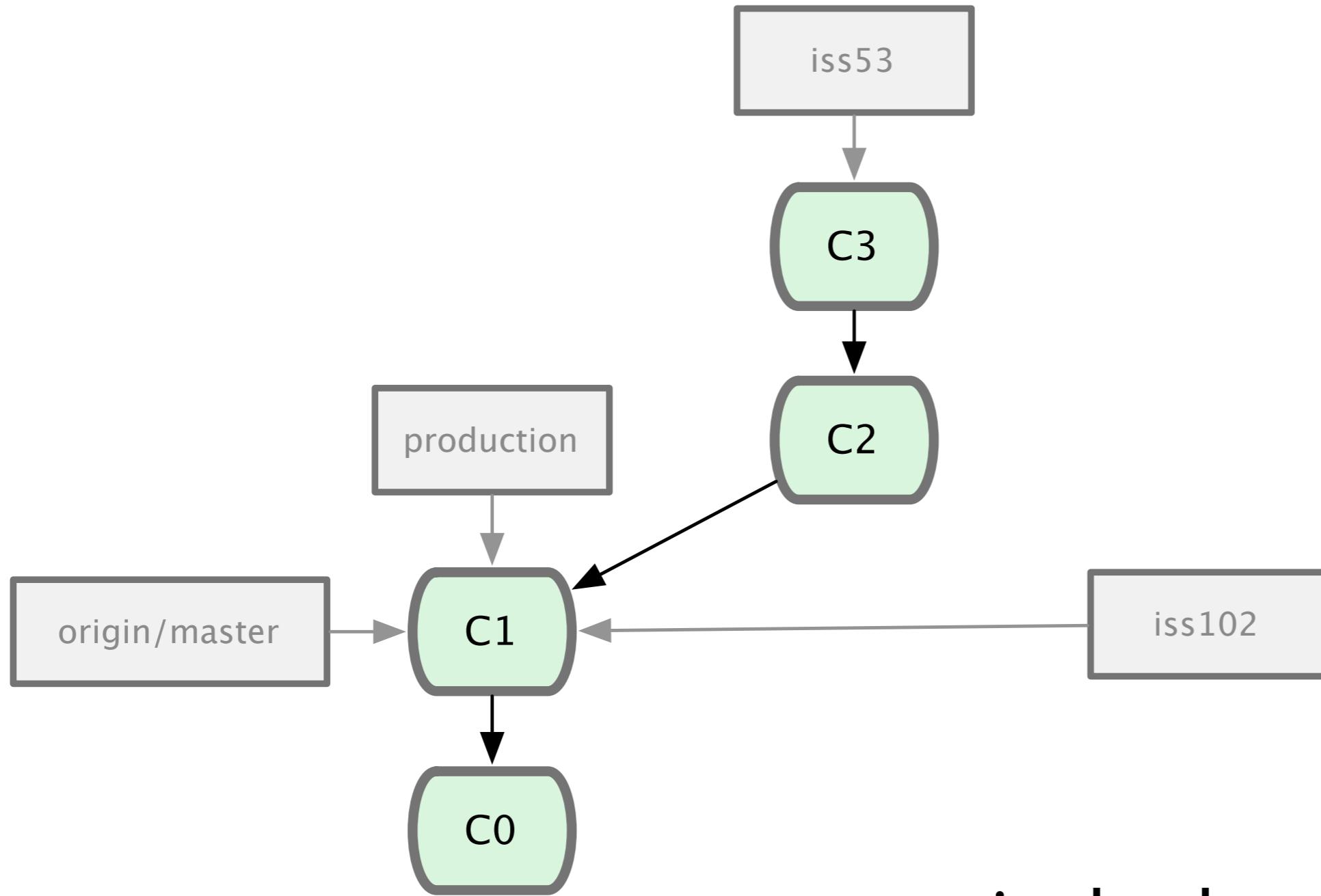
git checkout -b iss53



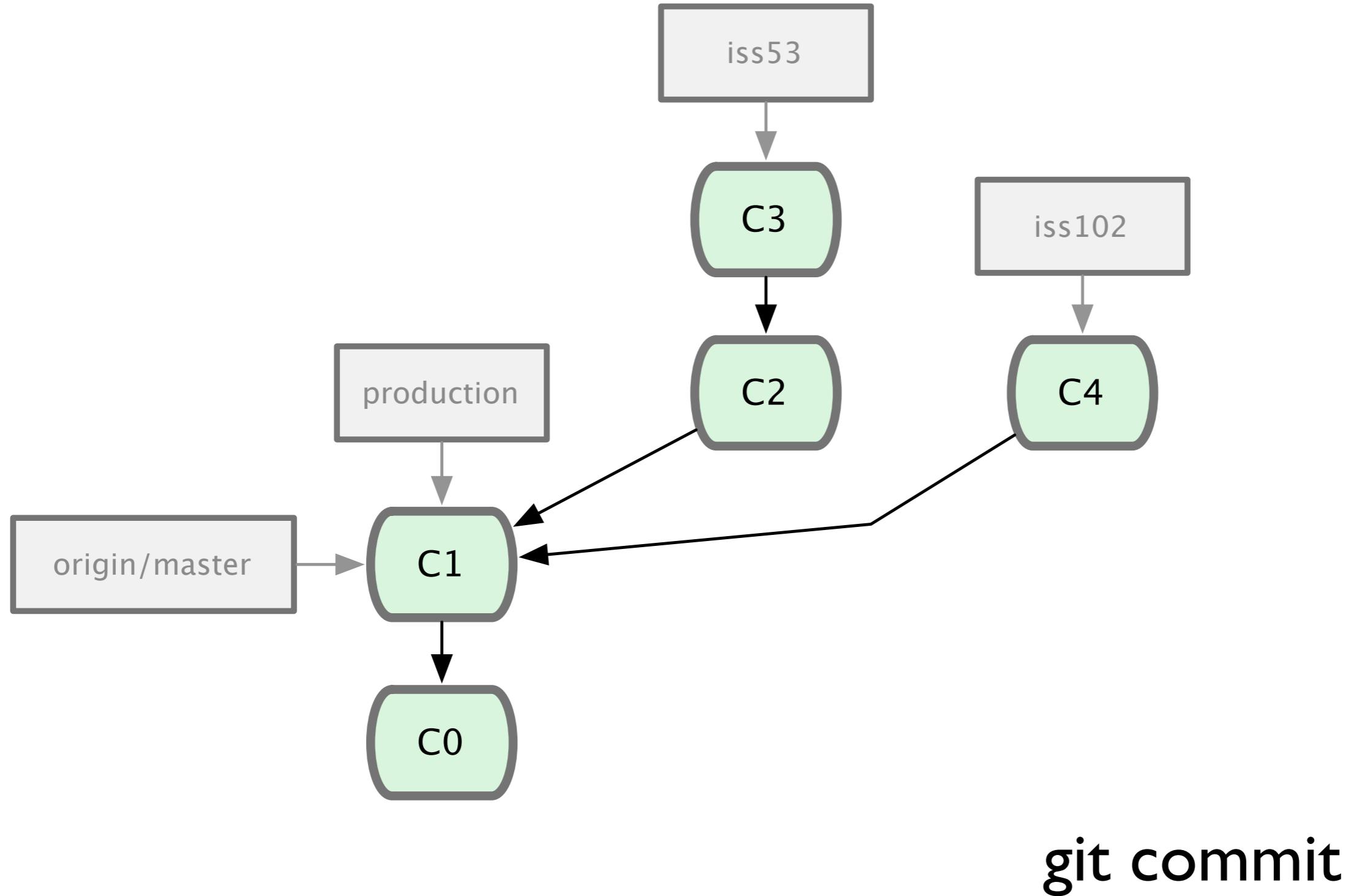
git commit

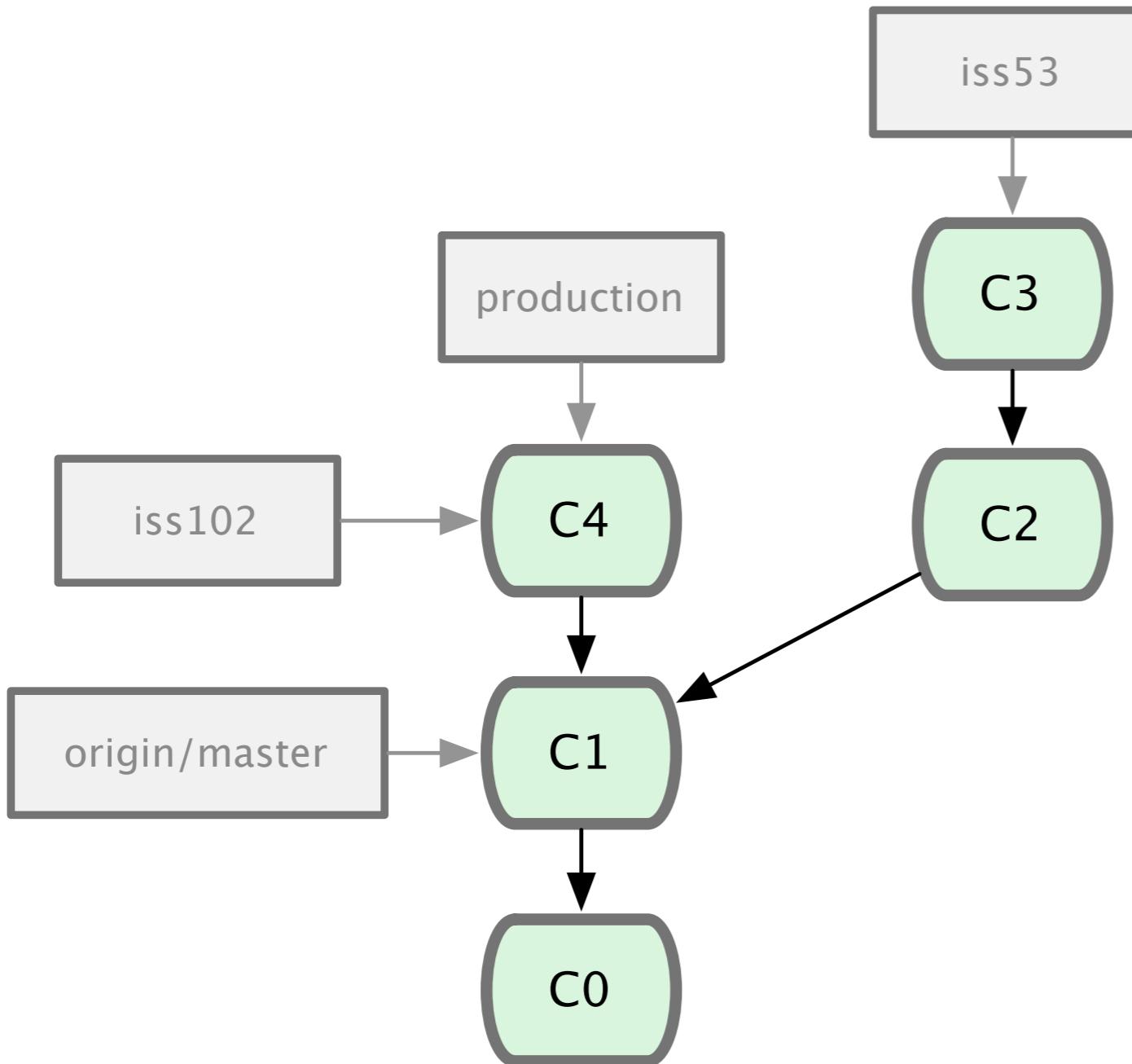


git commit

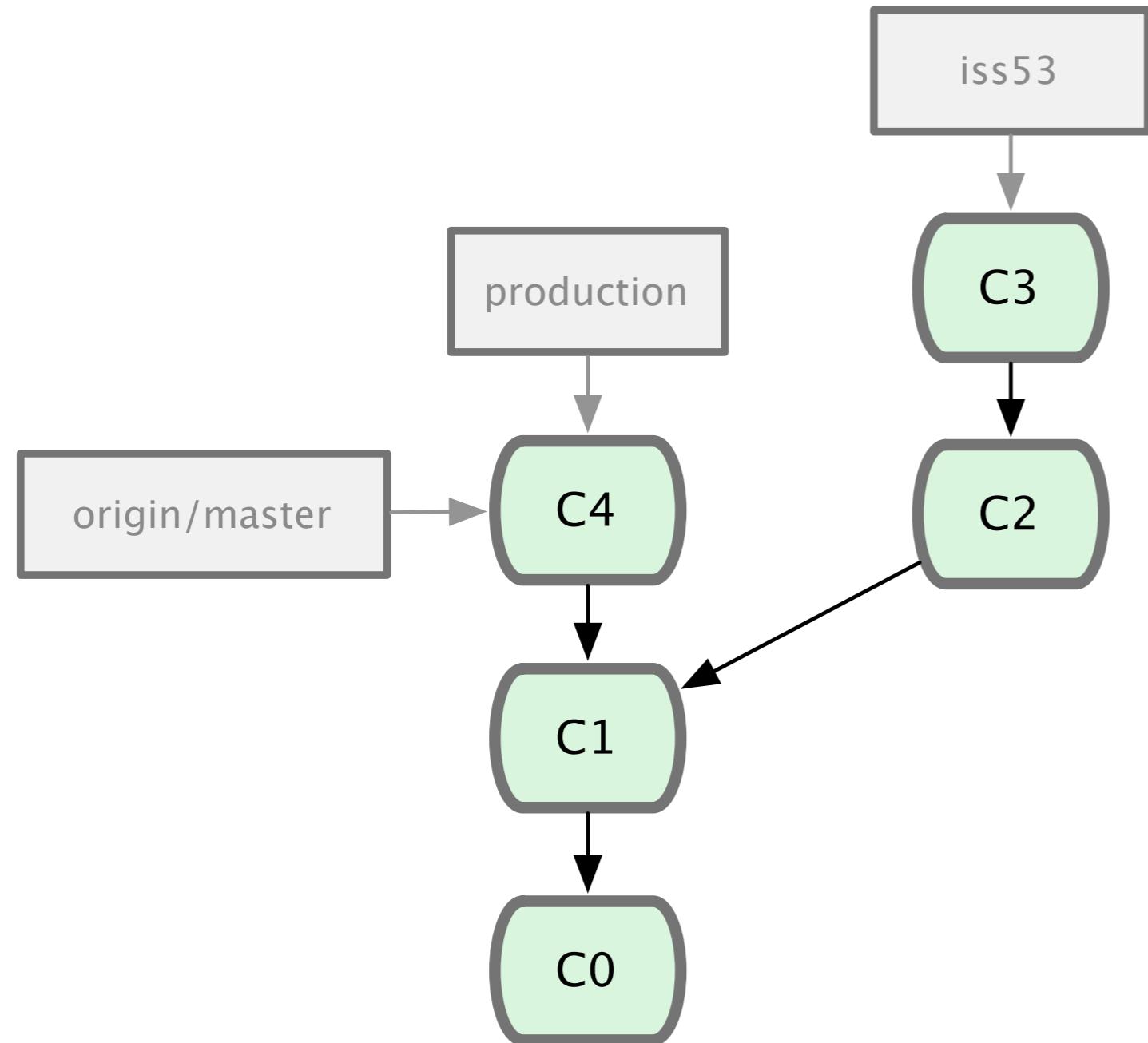


git checkout production
git checkout -b iss102

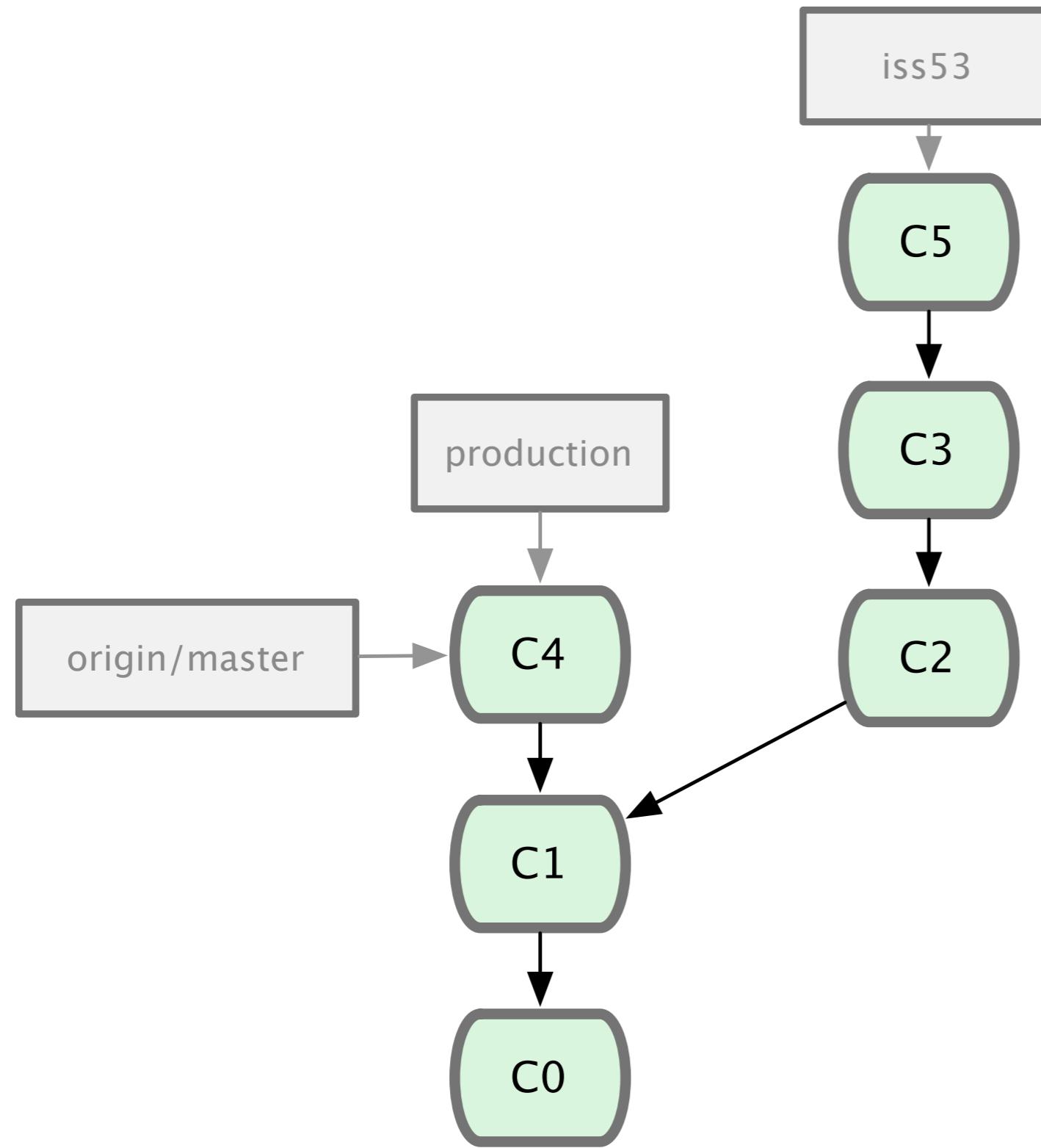




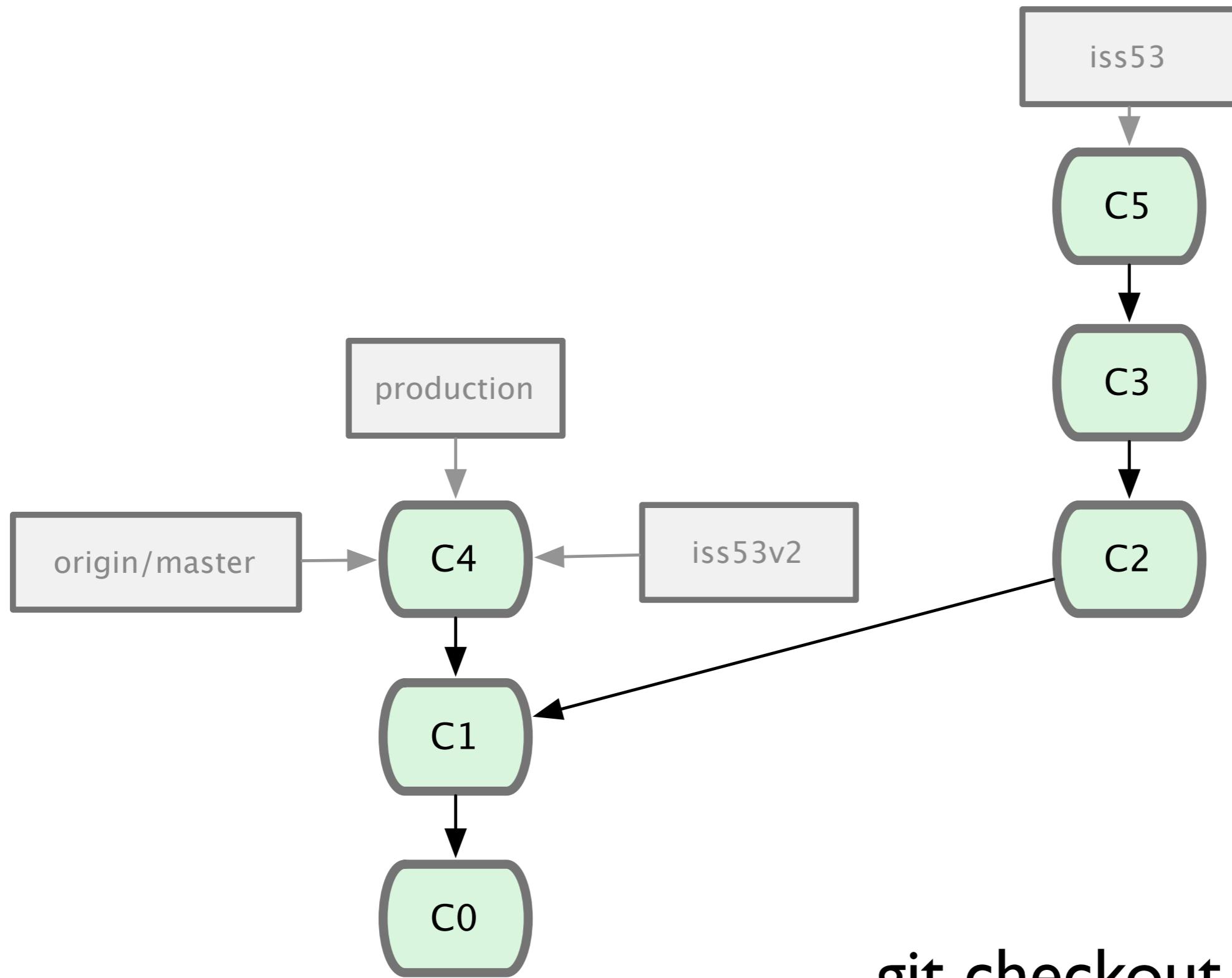
**git checkout production
git merge iss102**



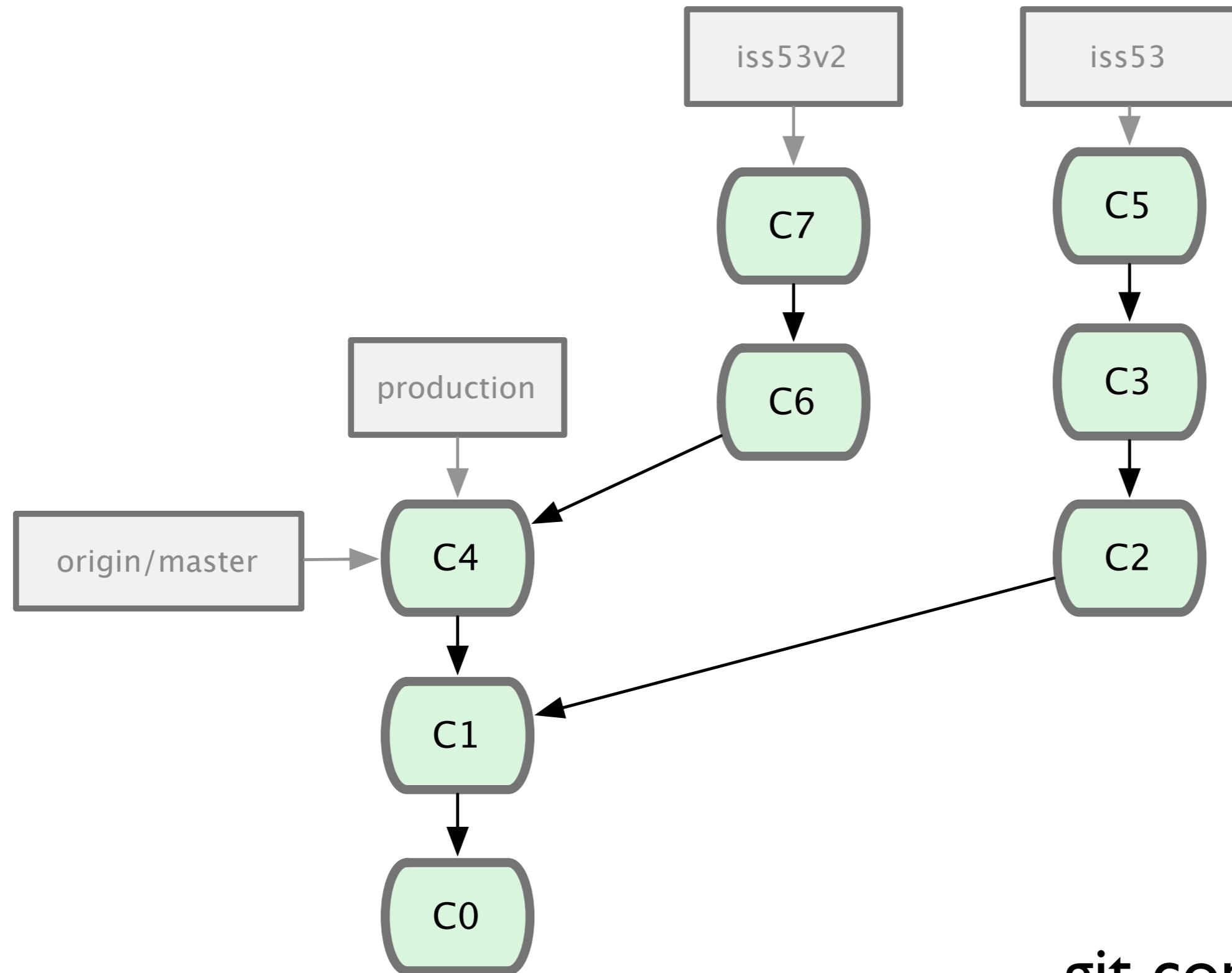
git push



**git checkout iss53
git commit**



git checkout production
git checkout -b iss53v2



git commit
git commit

try out an idea

isolate work units

long running topics

pain free
context switching

Eclipse

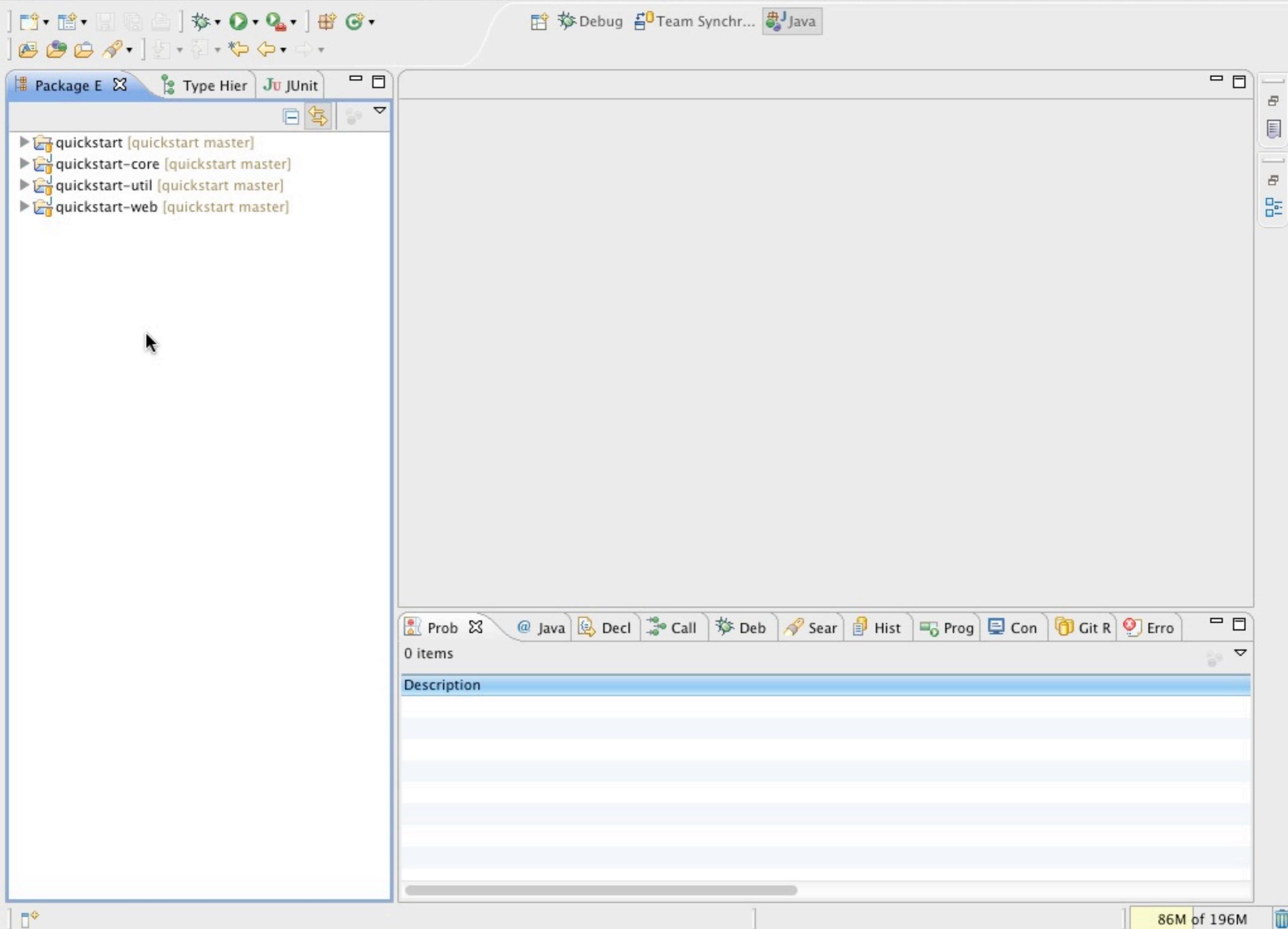
Eclipse

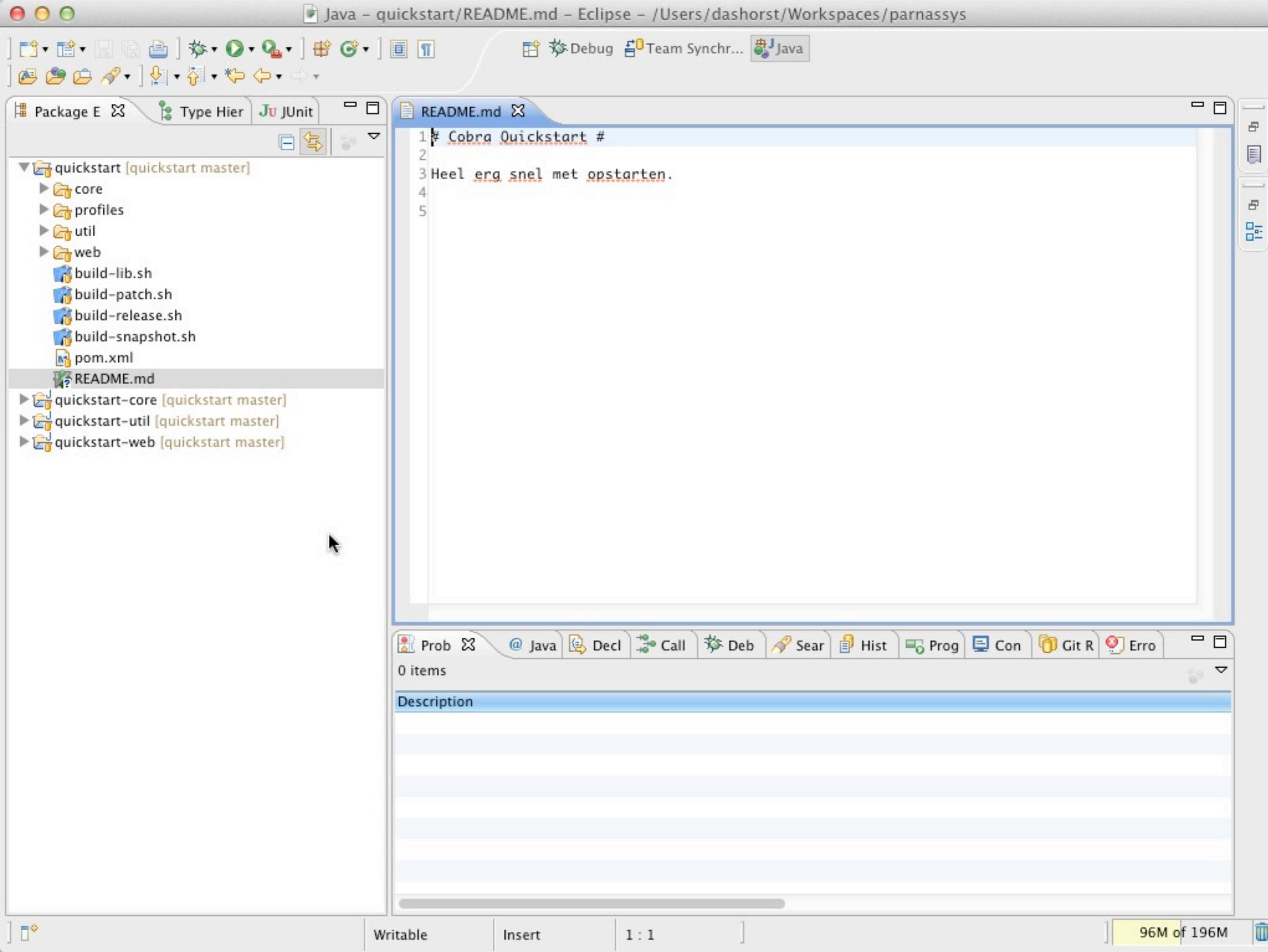
or how to get rid of pain free
context switching

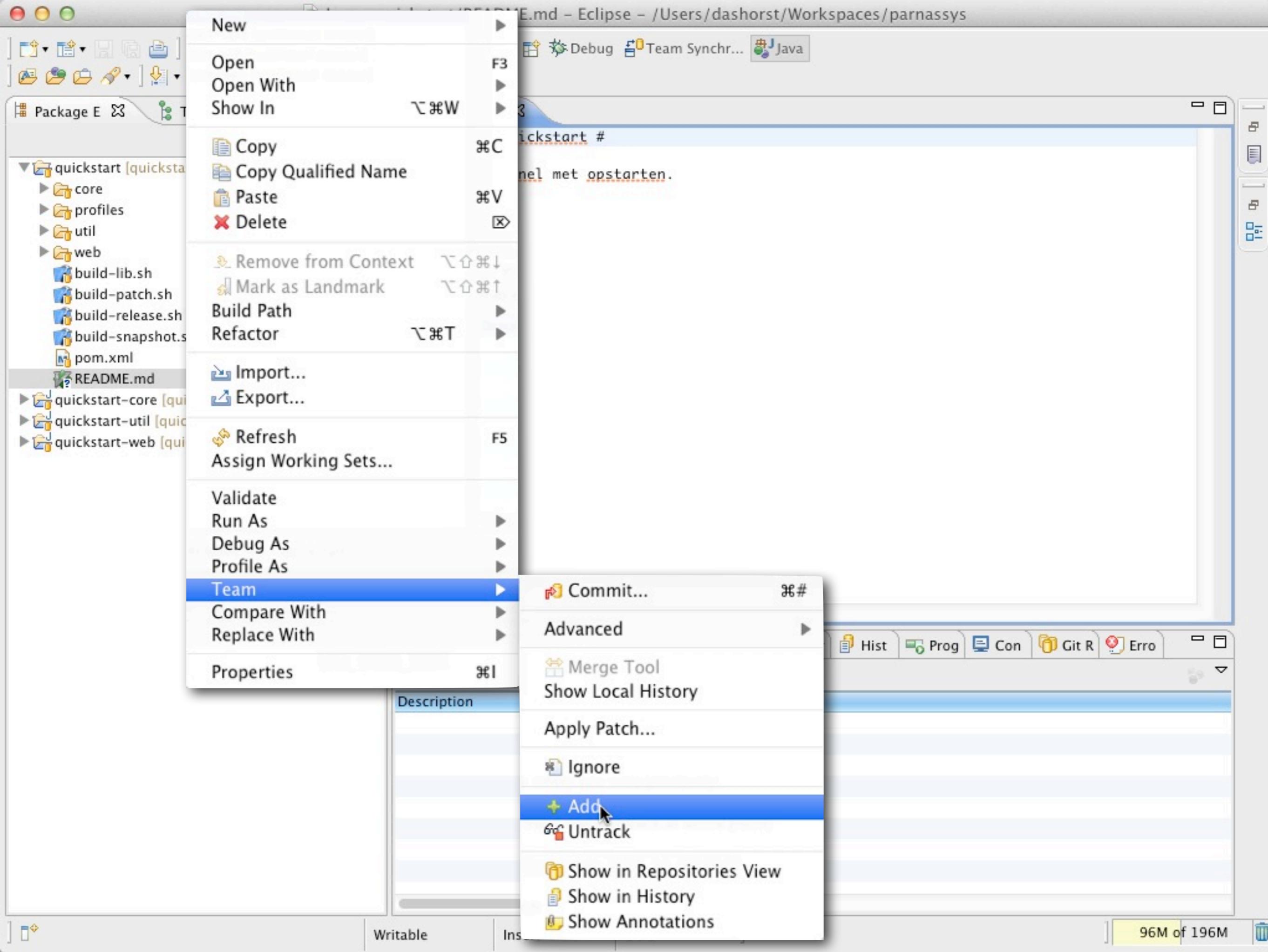
OMGWTFBBQEGIT

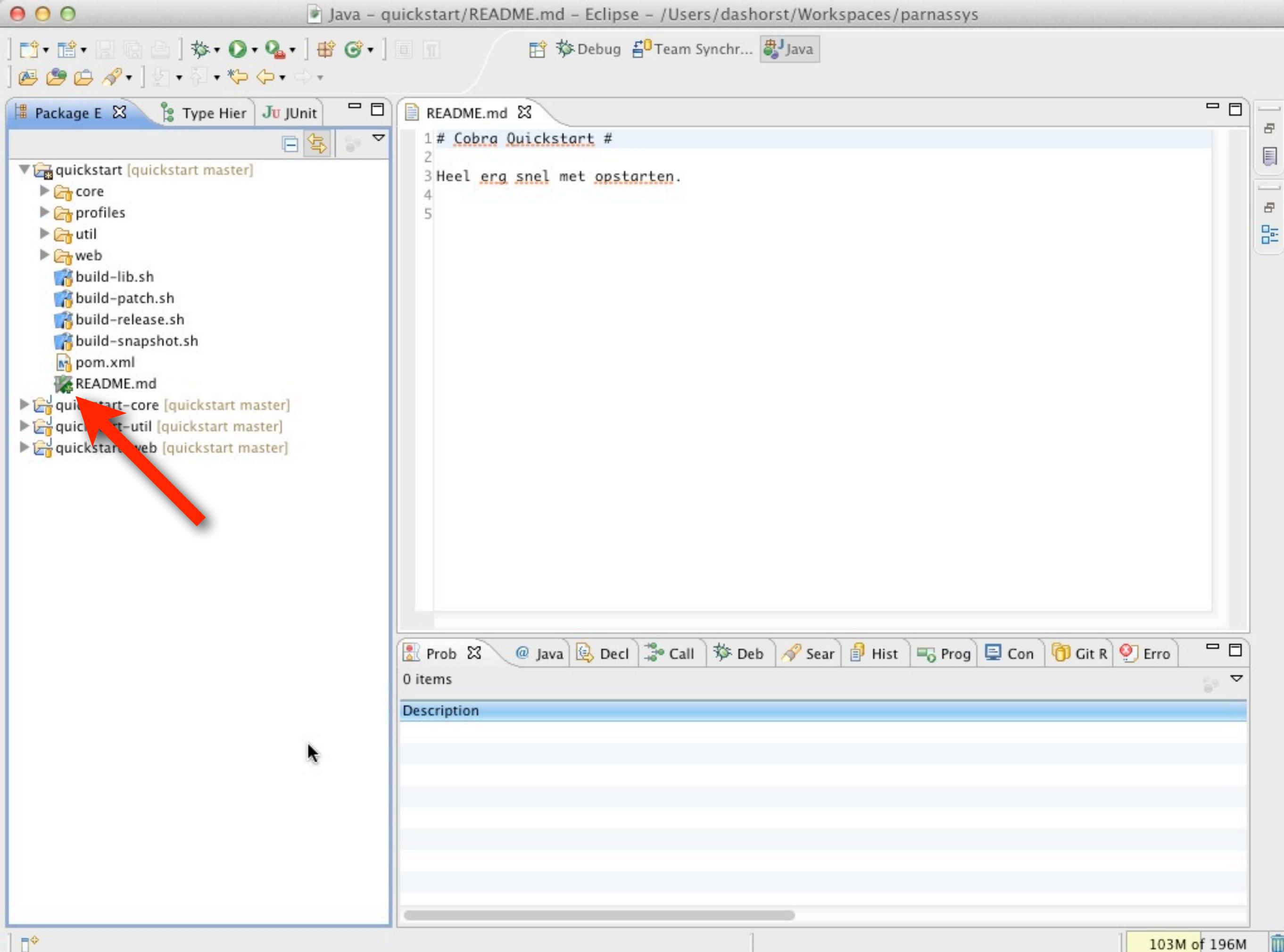
- Commits
- Staging
- Branches
- Remotes
- Remote branches
- Merging
- Rebasing
- Cherry-picking
- Stashing

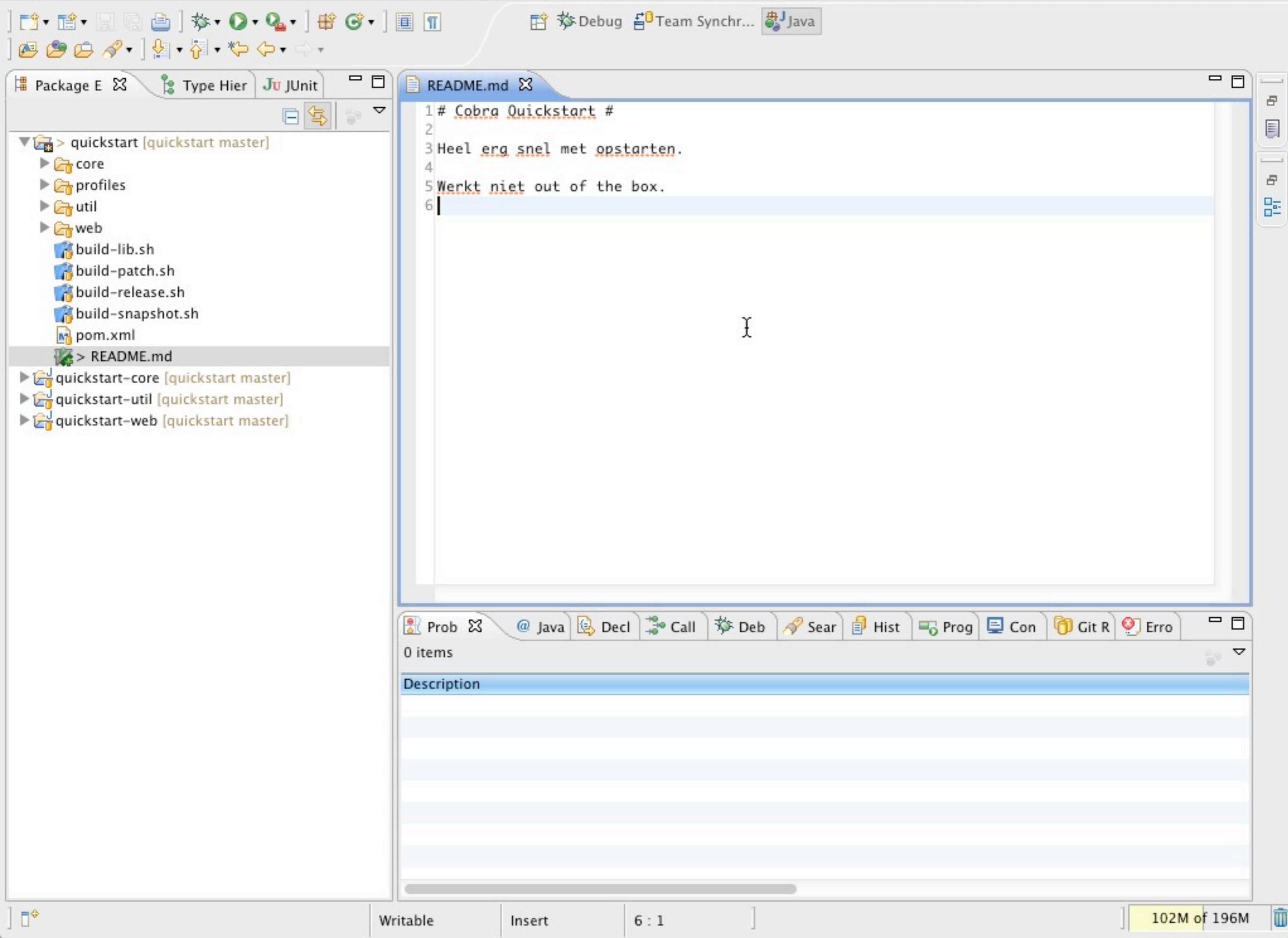
A Basic Workflow

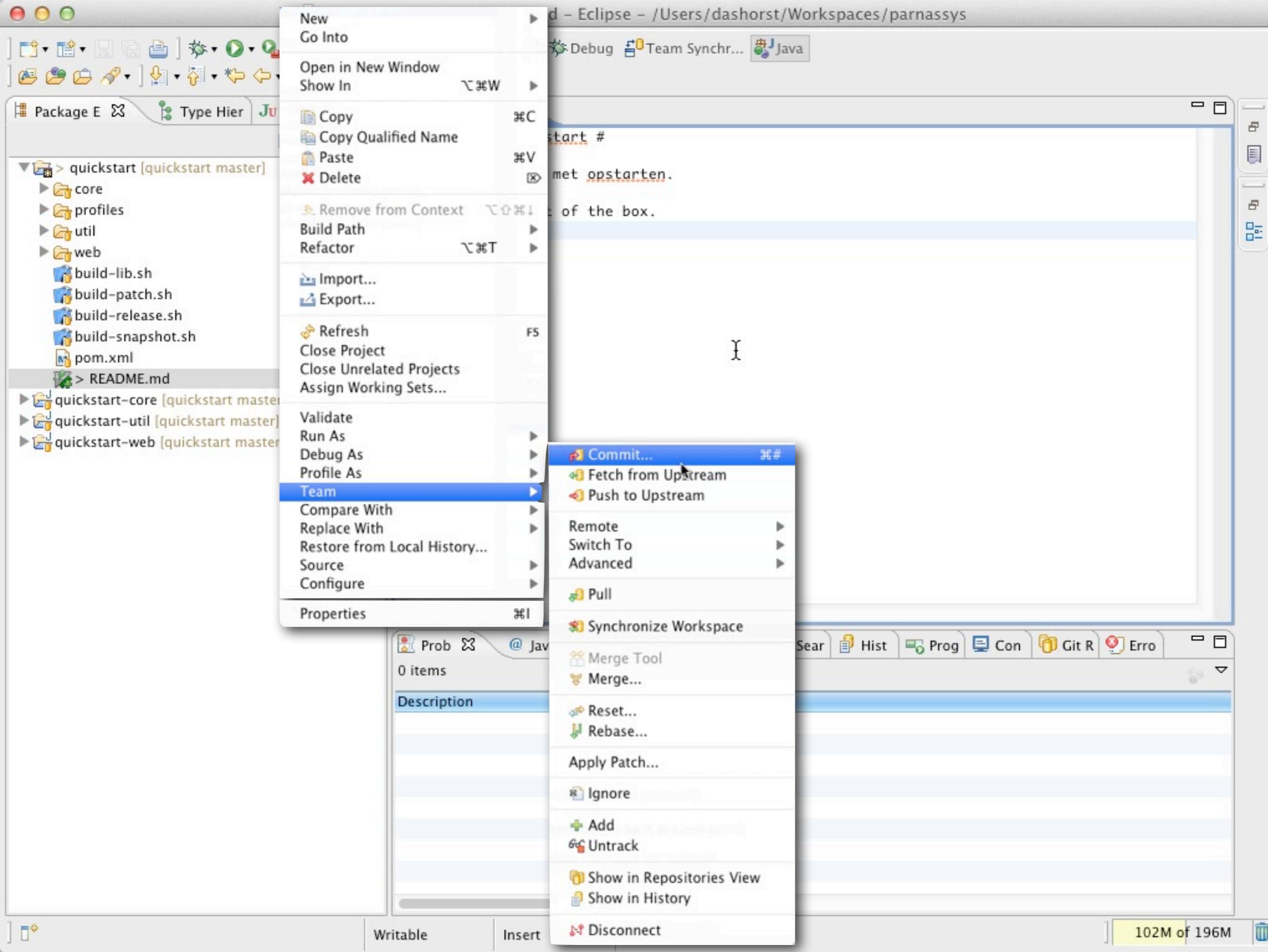












Java - quickstart/README.md – Eclipse – /Users/dashorst/Workspaces/parnassys

Package Explorer Type Hierarchy

Commit Changes

Commit Changes to Git Repository

(i) Enter commit message.

Commit message

Author: Martijn Dashorst <martijn.dashorst@gmail.com>

Committer: Martijn Dashorst <martijn.dashorst@gmail.com>

Files (1/1)

Status	Path
<input checked="" type="checkbox"/>	README.md

Cancel Commit

Git R Errors

Writable Insert 6 : 1 102M of 196M

This screenshot shows the Eclipse IDE interface with a Git integration dialog open. The title bar indicates the current project is 'Java - quickstart/README.md' and the workspace is '/Users/dashorst/Workspaces/parnassys'. The left sidebar displays the 'Package Explorer' showing a directory structure for 'quickstart' containing 'core', 'profiles', 'util', 'web', 'build-lib.sh', 'build-patch.sh', 'build-release.sh', 'build-snapshot.sh', 'pom.xml', and 'README.md'. The 'README.md' file is currently selected. The main workspace area has a 'Commit Changes' dialog open, titled 'Commit Changes to Git Repository'. It prompts the user to 'Enter commit message.' and contains a large text area for the commit message. Below this are fields for 'Author' and 'Committer', both set to 'Martijn Dashorst <martijn.dashorst@gmail.com>'. A table lists the file being committed: 'README.md' with status 'checked'. At the bottom of the dialog are 'Cancel' and 'Commit' buttons. To the right of the main workspace, there are 'Git R' and 'Errors' view panes. The bottom of the screen shows the standard Eclipse status bar with 'Writable', 'Insert', '6 : 1', '102M of 196M', and a trash bin icon.

Java - quickstart/README.md - Eclipse - /Users/dashorst/Workspaces/parnassys

Debug Team Synchron Java

Package Explorer Type Hierarchy

Commit Changes

Commit Changes to Git Repository

GIT

Commit message

Eindelijk project documentatie, zodat dit op Github er goed uit komt te zien.

Author: Martijn Dashorst <martijn.dashorst@gmail.com>

Committer: Martijn Dashorst <martijn.dashorst@gmail.com>

Files (1/1)

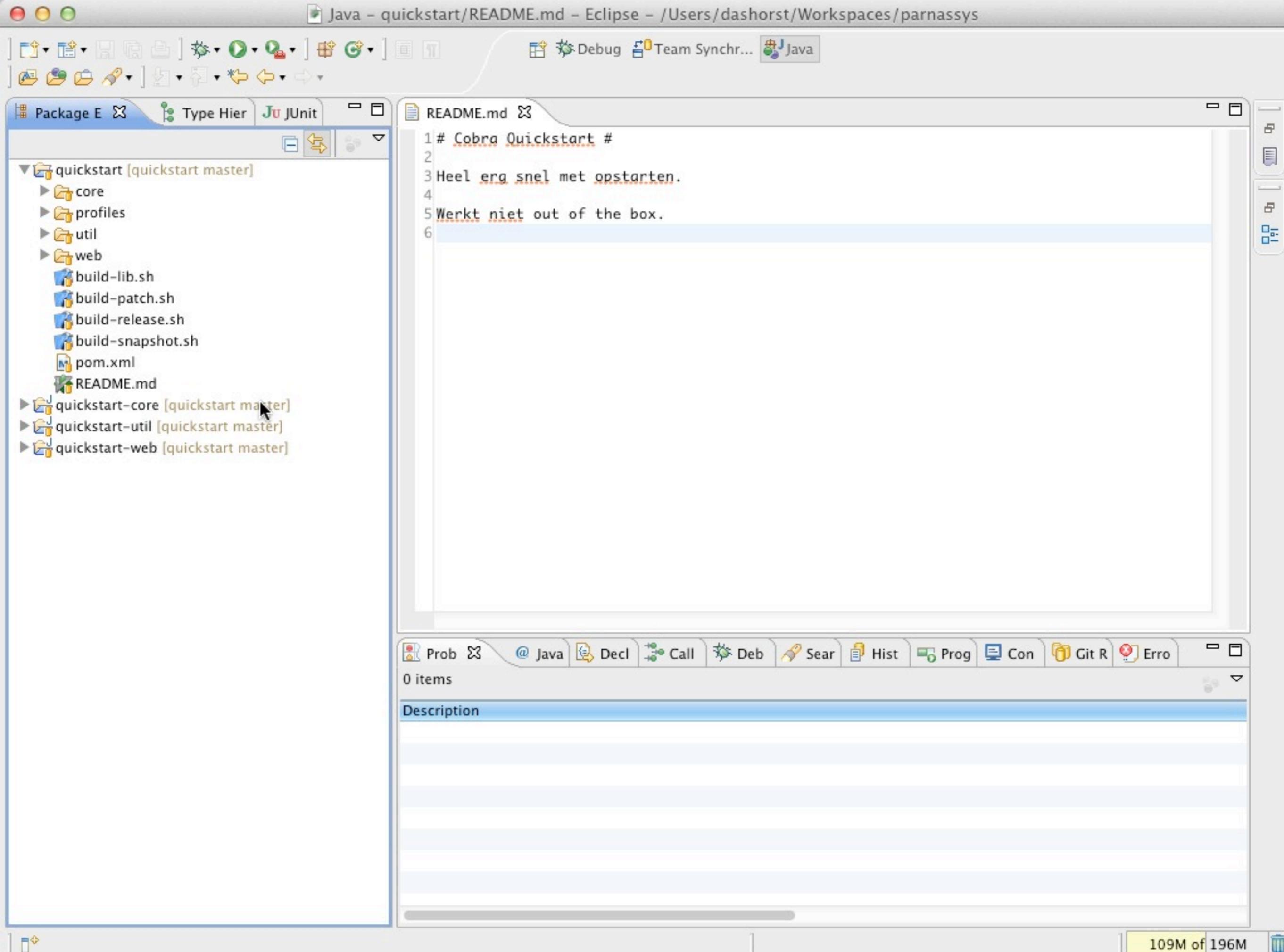
Status	Path
<input checked="" type="checkbox"/>	README.md

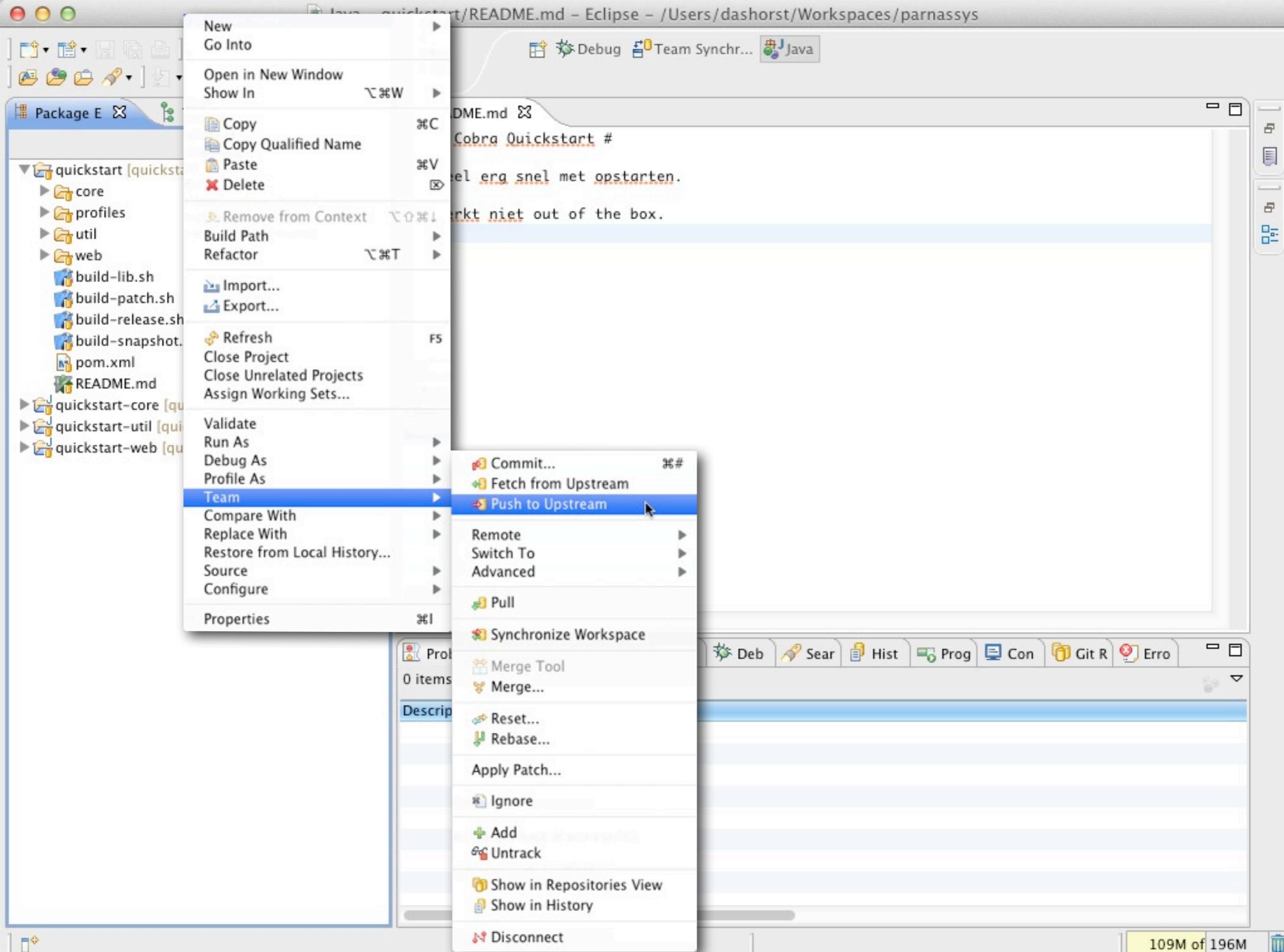
Cancel Commit

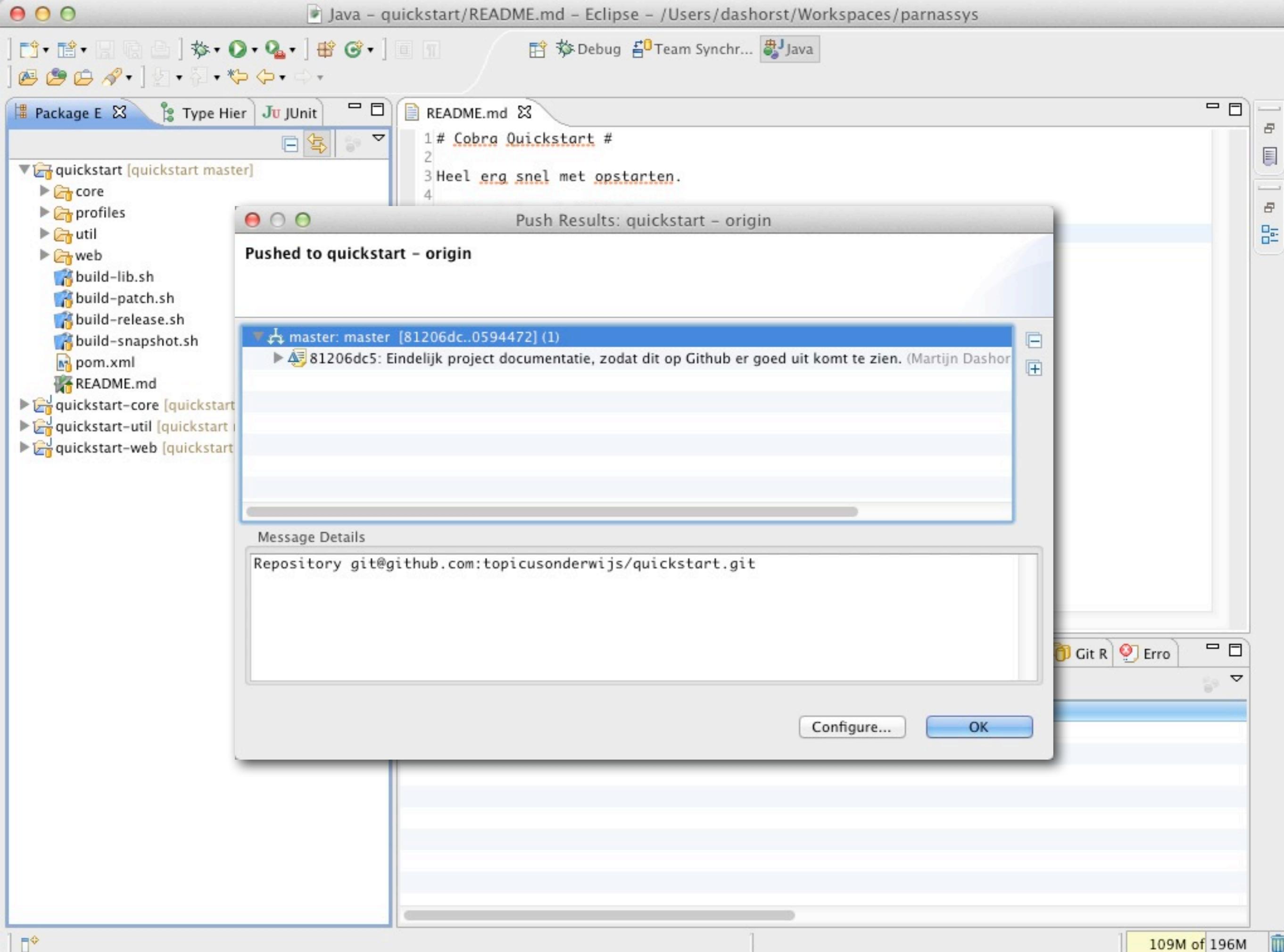
Git R Errors

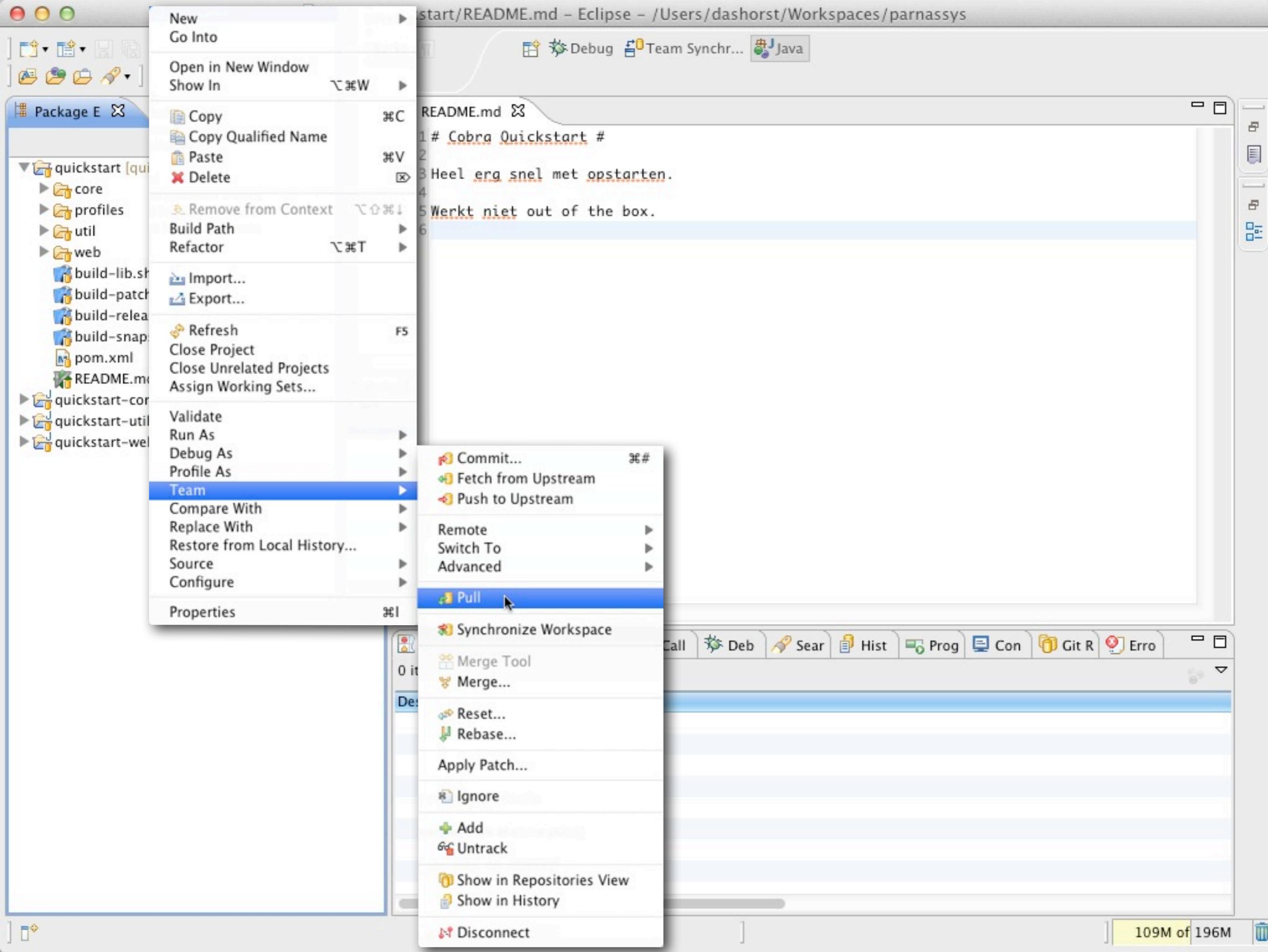
Writable Insert 6 : 1 102M of 196M

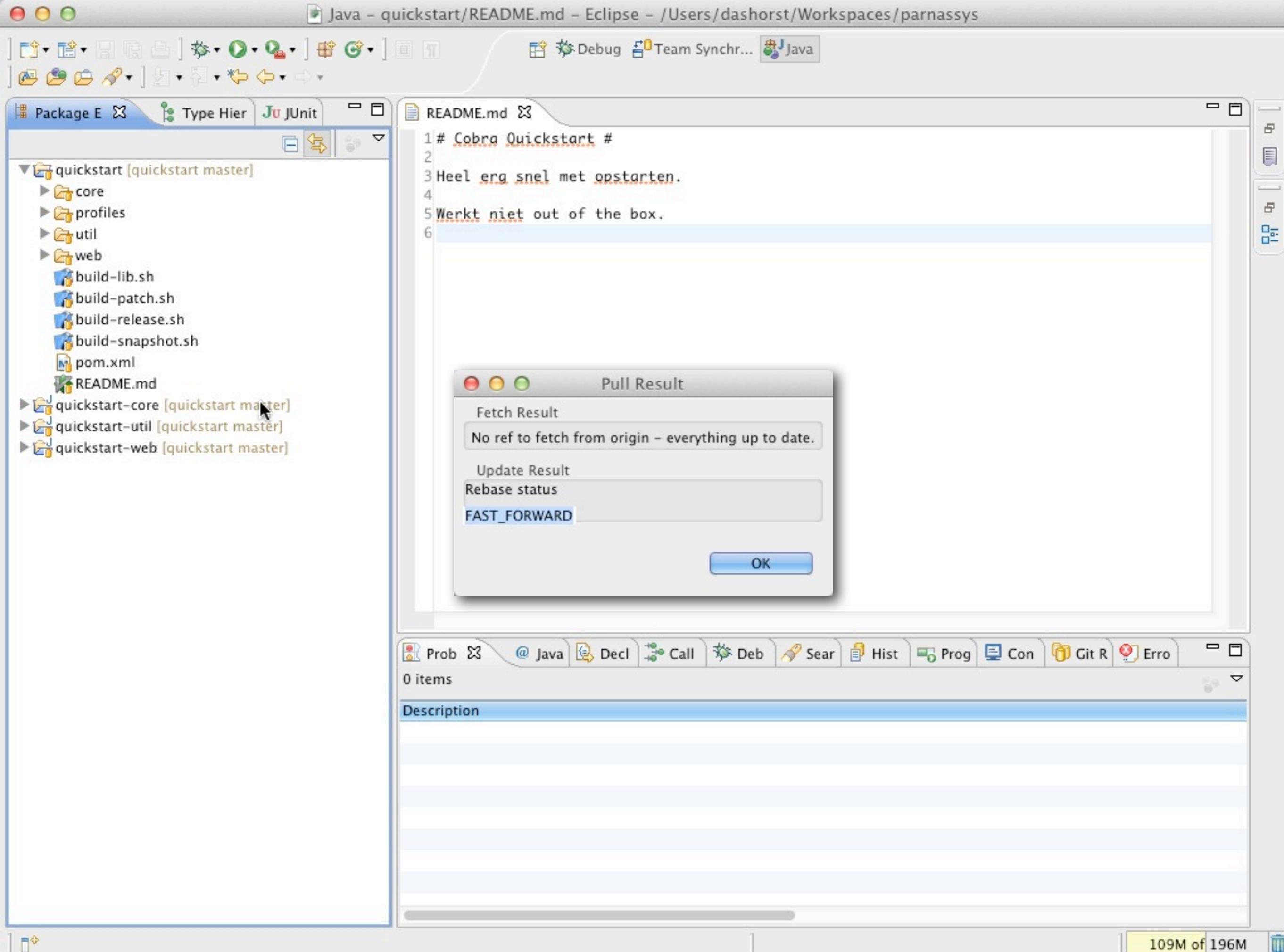
This screenshot shows the Eclipse IDE interface with a Git integration dialog open. The title bar indicates the current workspace is 'parnassys' and the file is 'Java - quickstart/README.md'. The toolbar includes standard Eclipse icons like file operations and search. The main window displays a 'Commit Changes' dialog for committing changes to a Git repository. The left sidebar shows the 'Package Explorer' with a tree view of the 'quickstart' project containing various files like 'core', 'profiles', 'util', 'web', and shell scripts. The 'Type Hierarchy' view is also visible. The central 'Commit Changes' dialog has a 'Commit message' field containing the text 'Eindelijk project documentatie, zodat dit op Github er goed uit komt te zien.' Below it are fields for 'Author' and 'Committer', both set to 'Martijn Dashorst <martijn.dashorst@gmail.com>'. A 'Files (1/1)' section shows a table with one entry: 'README.md' with a checked status checkbox. At the bottom of the dialog are 'Cancel' and 'Commit' buttons. To the right of the dialog, there's a 'Git R' view showing errors and a status bar at the bottom indicating memory usage (102M of 196M).











Open in New Window

Show In

W

Java - quickstart/README.md - Eclipse - /Users/dashorst/Workspaces/parnassys

Copy

Copy Qualified Name

Paste

Delete

Remove from Context

Build Path

Refactor

V

X

T

Import...

Export...

Refresh

F5

Close Project

Close Unrelated Projects

Assign Working Sets...

Validate

Run As

Debug As

Profile As

Team

Compare With

Replace With

Restore from Local History...

Source

Configure

Properties

Commit...

#

Fetch from Upstream

Push to Upstream

Remote

Switch To

Advanced

Pull

Synchronize Workspace

Merge Tool

Merge...

Reset...

Rebase...

Apply Patch...

Ignore

Add

Untrack

Show in Repositories View

Debug Team Synchronizer Java

README.md

```
1 # Cobra Quickstart #
2
3 Heel erg snel met opstarten.
4
5 Werkt niet out of the box.
6
```

FETCH_HEAD

ORIG_HEAD

refs/remotes/origin/master

refs/tags/backups/cobra-scheduler@152014

refs/tags/backups/cobra-wicket14@108496

refs/tags/backups/master@117998

refs/tags/backups/master@138295

refs/tags/backups/wicket-1.5-rc6@160032

refs/tags/build-0.1-14

refs/tags/build-0.1-15

refs/tags/build-0.1-16

refs/tags/build-0.1-17

refs/tags/build-0.1-19

refs/tags/build-23

refs/tags/build-24

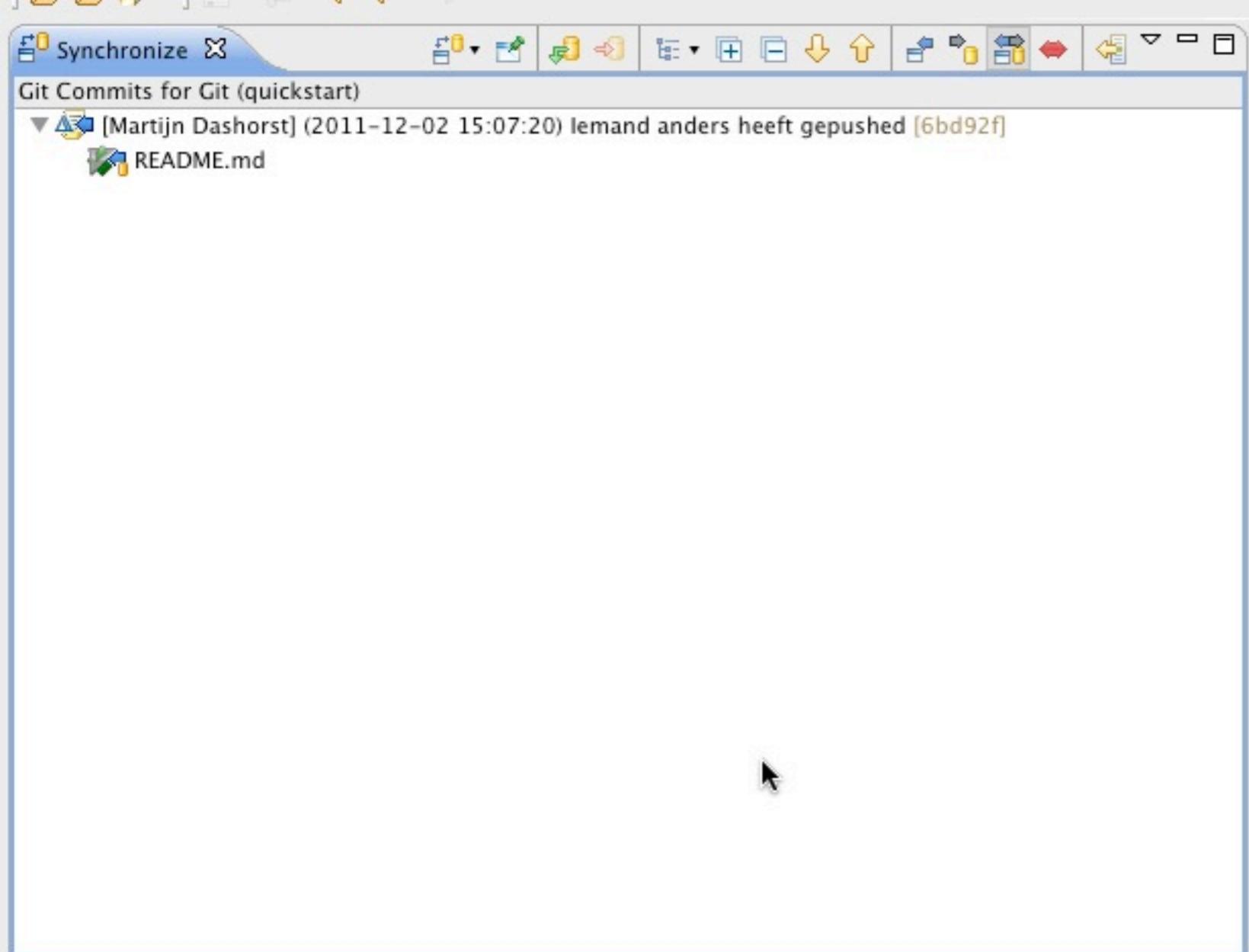
refs/tags/build-25

refs/tags/build-26

refs/tags/build-27

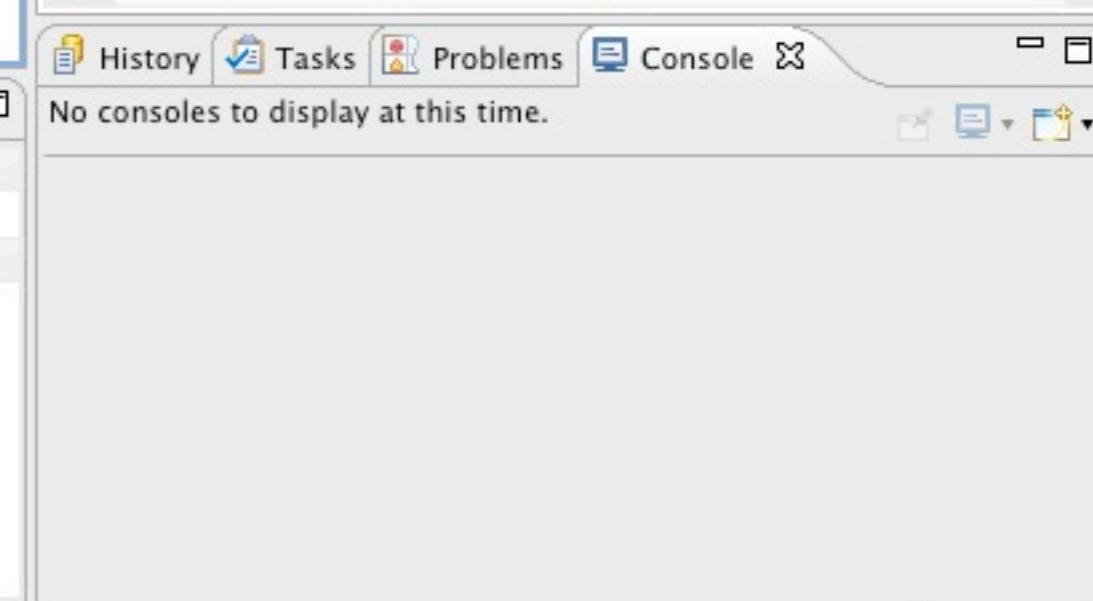
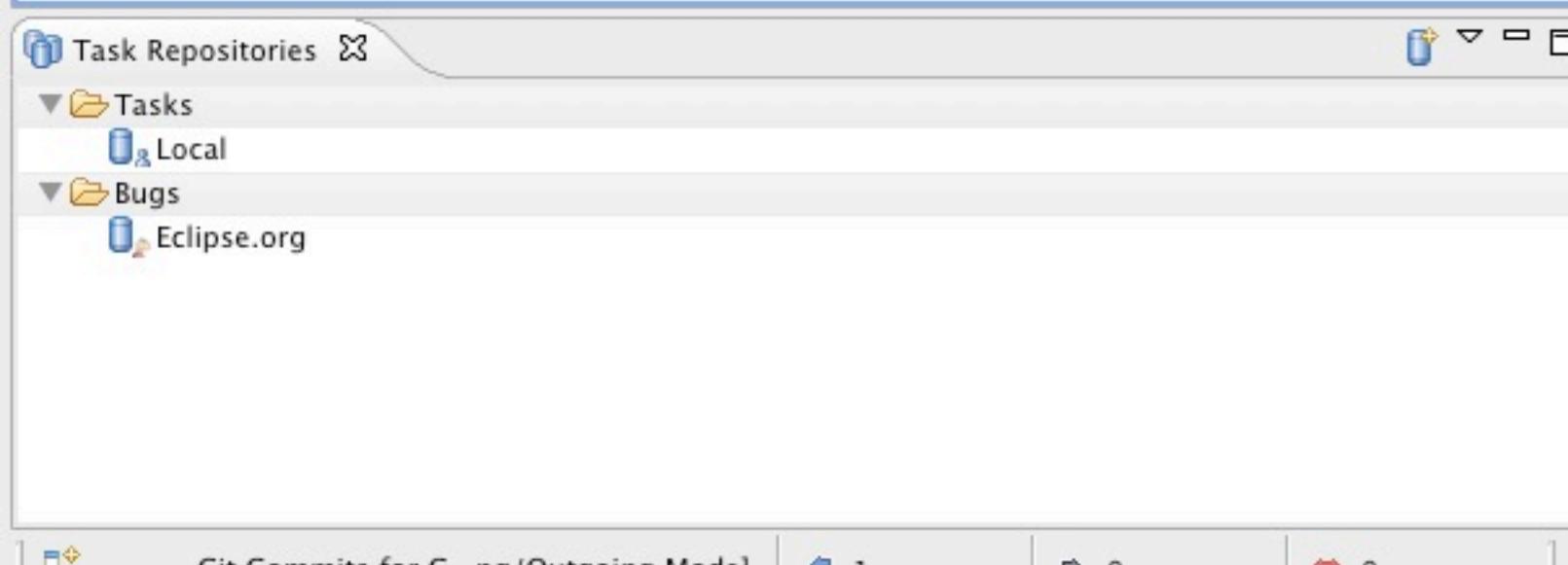
refs/tags/build-28

Debug Team Synchr... Java



```
Git Commits for Git (quickstart)
▼ [Martijn Dashorst] (2011-12-02 15:07:20)emand anders heeft gepushed [6bd92f]
  README.md
```

Cobra Quickstart
Heel erg snel met opstarten.
Werkt niet out of the box.



Synchronize X

Git Commits for Git (quickstart)

[Martijn Dashorst] (2011-12-02 15:07:20) Iemand anders heeft gep... README.md

Text Compare

README.md 81206dc... (Martijn Dashorst) README.md 6bd92ff... (Martijn Dashorst)

1 # Cobra Quickstart #	1 # Cobra Quickstart #
2	2
3 Heel erg snel met opstarten.	3 Heel erg snel met opstarten.
4	4
5 Werkt niet out of the box.	5 Werkt niet out of the box.
6	6
	7 Mooie test voor git/github migrat
	8

History Tasks Problems Console X

No consoles to display at this time.

Left: 6 : 1, Right: 7 : 8, incoming addition #1 (Left: before line 6, Right: 7 : 7) 93M of 196M

Synchronize X

Git Commits for Git (quickstart)

[Martijn Dasho README.md]

- Commit
- Add to Git Index
- Ignore
- Merge Tool
- Open In Compare Editor
- Open
- Synchronize
- Expand All
- Remove from View
- Merge**
- Overwrite
- Mark as Merged

Text Compare

README.md 81206dc... (Martijn Dashorst) README.md 6bd92ff... (Martijn Dashorst)

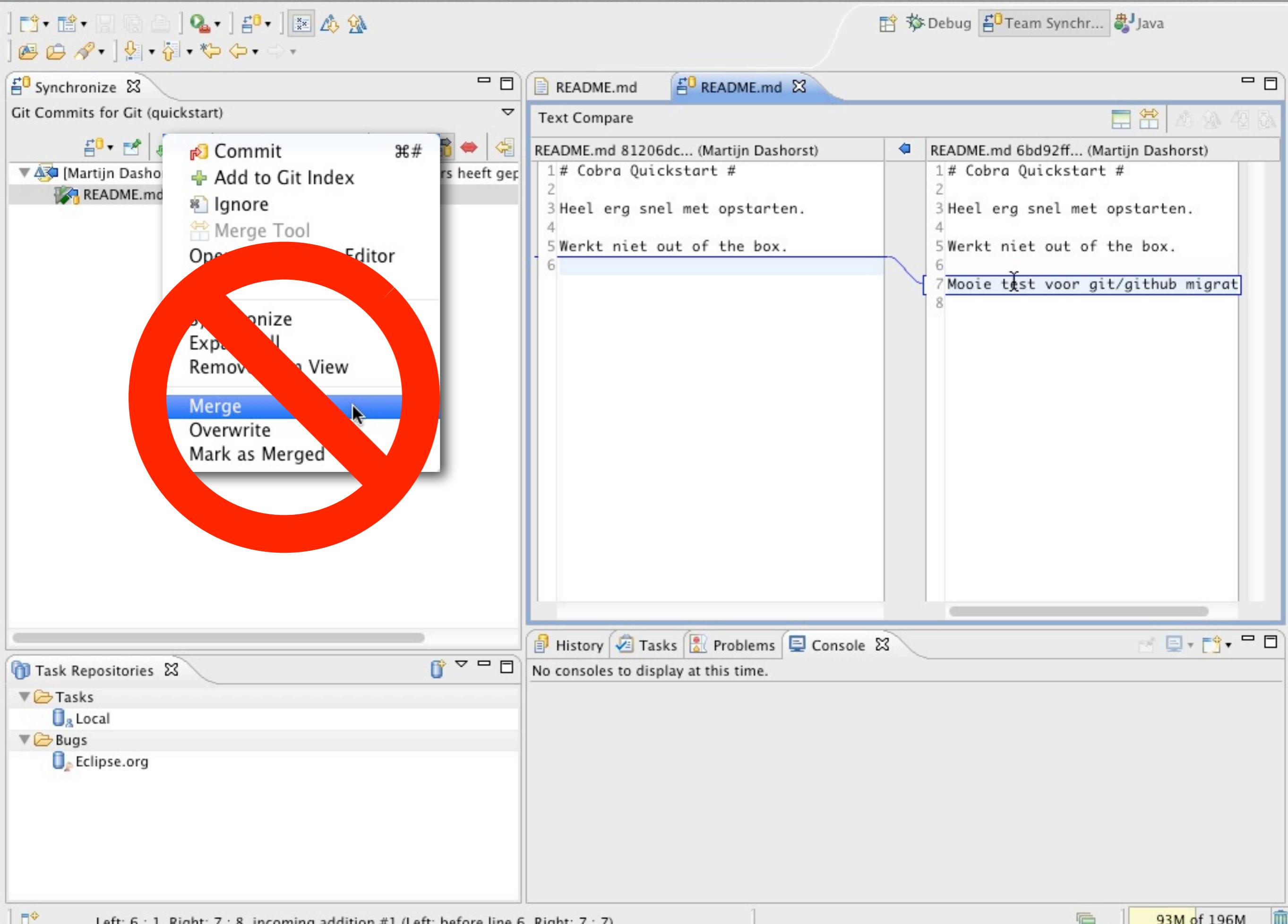
1 # Cobra Quickstart #	1 # Cobra Quickstart #
2	2
3 Heel erg snel met opstarten.	3 Heel erg snel met opstarten.
4	4
5 Werkt niet out of the box.	5 Werkt niet out of the box.
6	6
	7 Mooie test voor git/github migrat
	8

History Tasks Problems Console X

No consoles to display at this time.

Left: 6 : 1, Right: 7 : 8, incoming addition #1 (Left: before line 6, Right: 7 : 7)

93M of 196M



Debug Team Synchr... Java



Synchronize X

Git (quickstart)

<working tree>

<staged changes>

[Martijn Dashorst] (2011-12-02 15:07:20) Iemand anders heeft gep... > README.md

README.md X

```
1 # Cobra Quickstart #
2
3 Heel erg snel met opstarten.
4
5 Werkt niet out of the box.
6
7 Mooie test voor git/github migratie.
8
```

History Tasks Problems Console X

No consoles to display at this time.

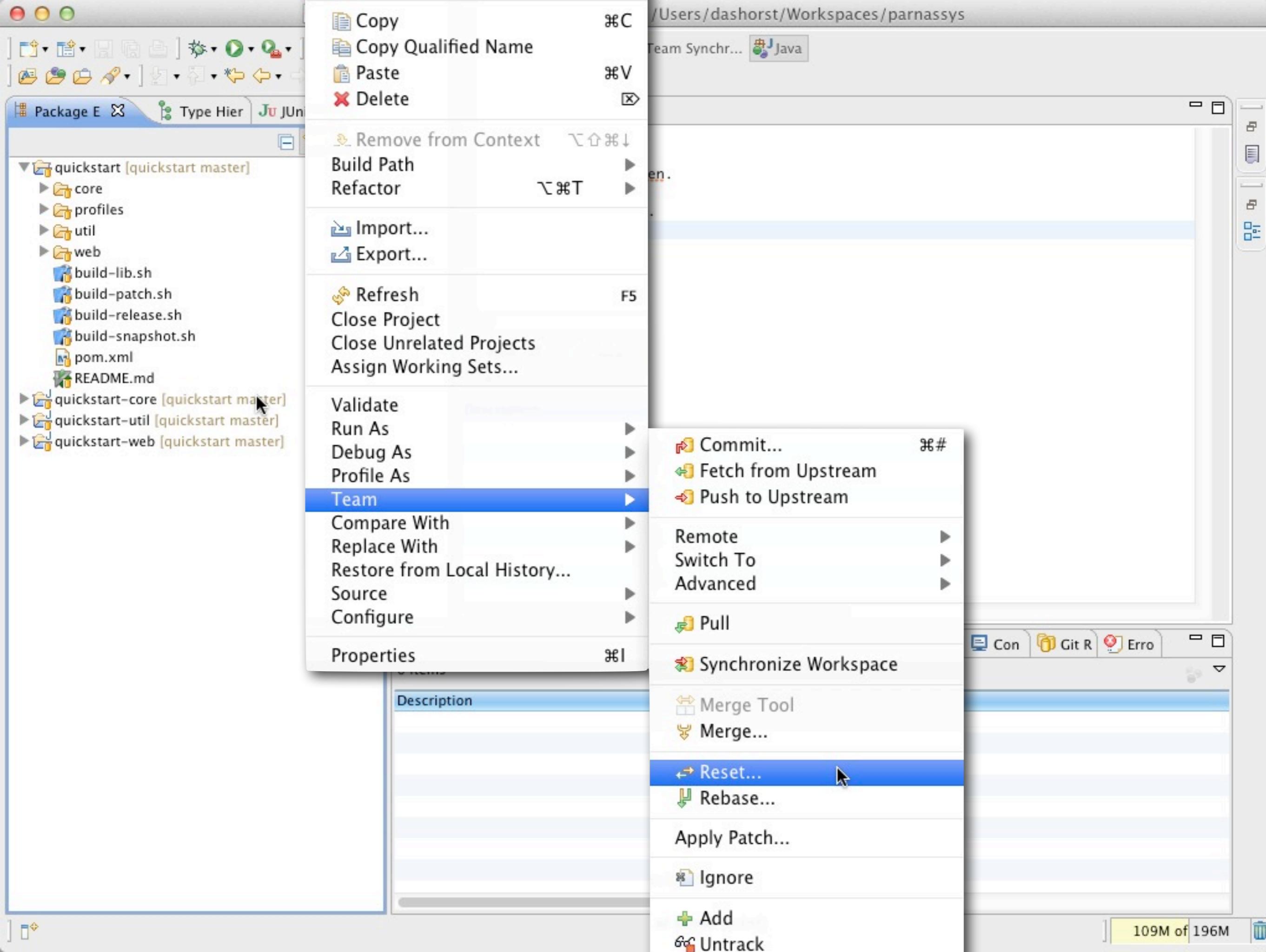
Task Repositories X

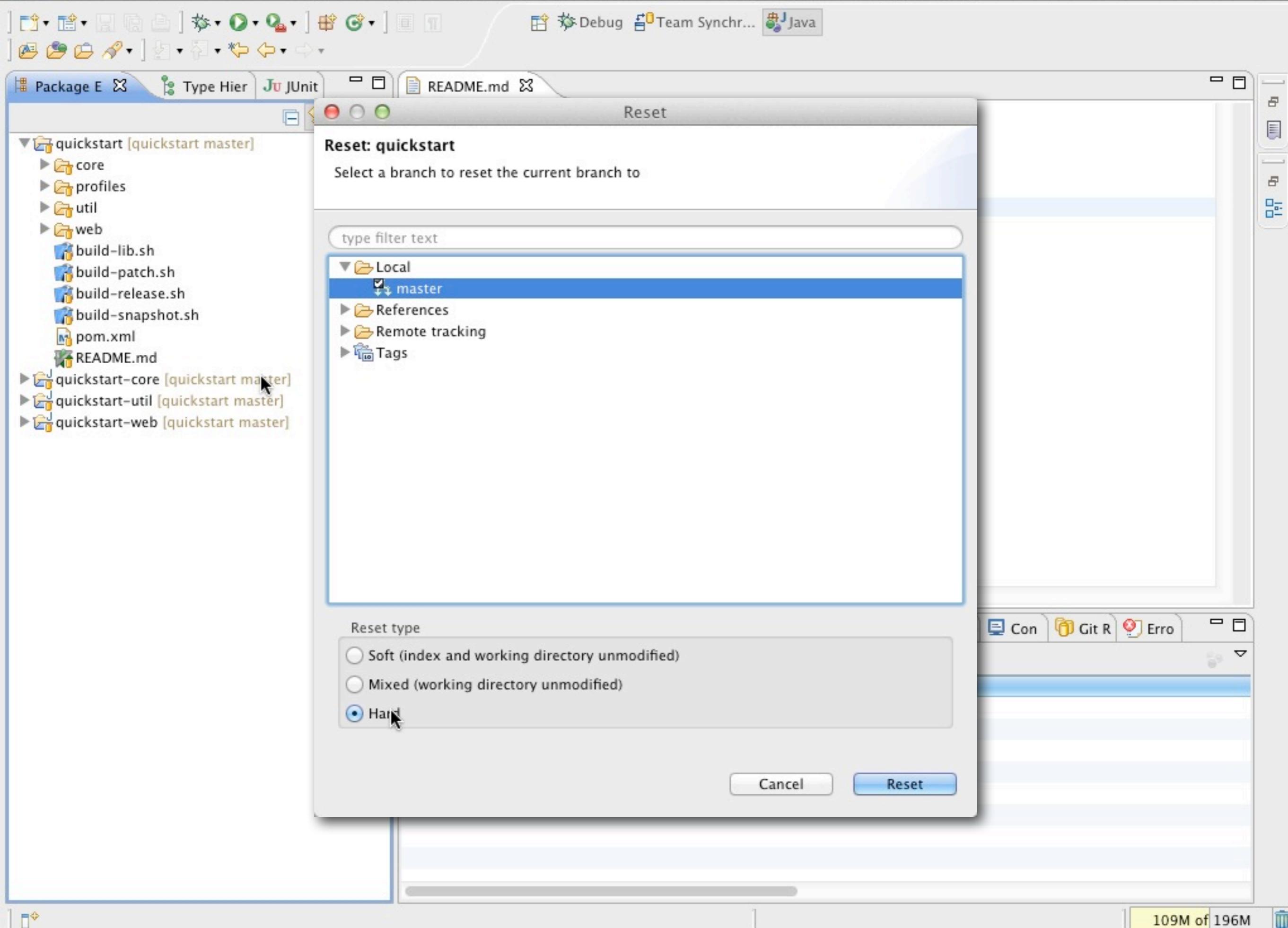
Tasks

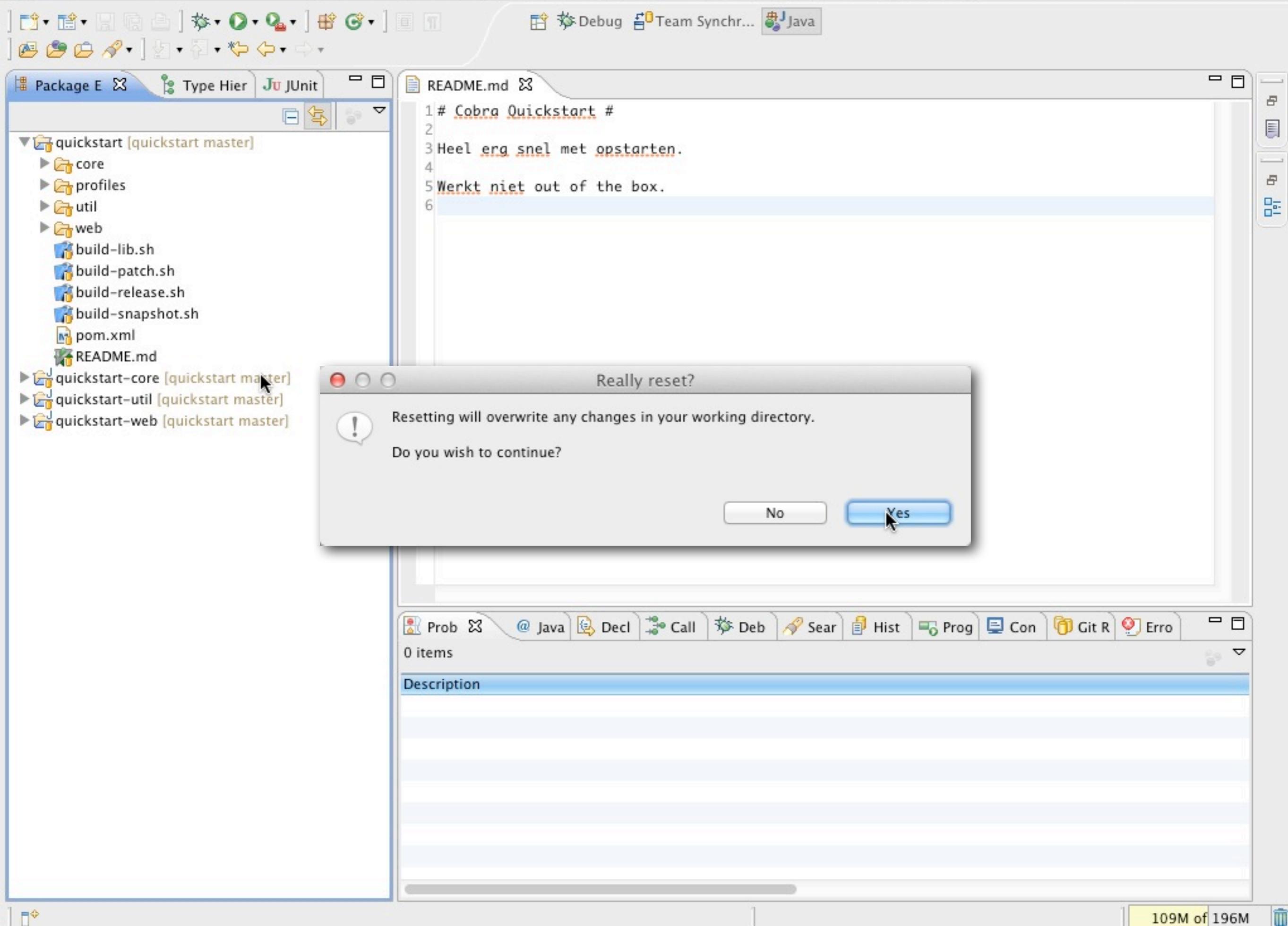
Local

Bugs

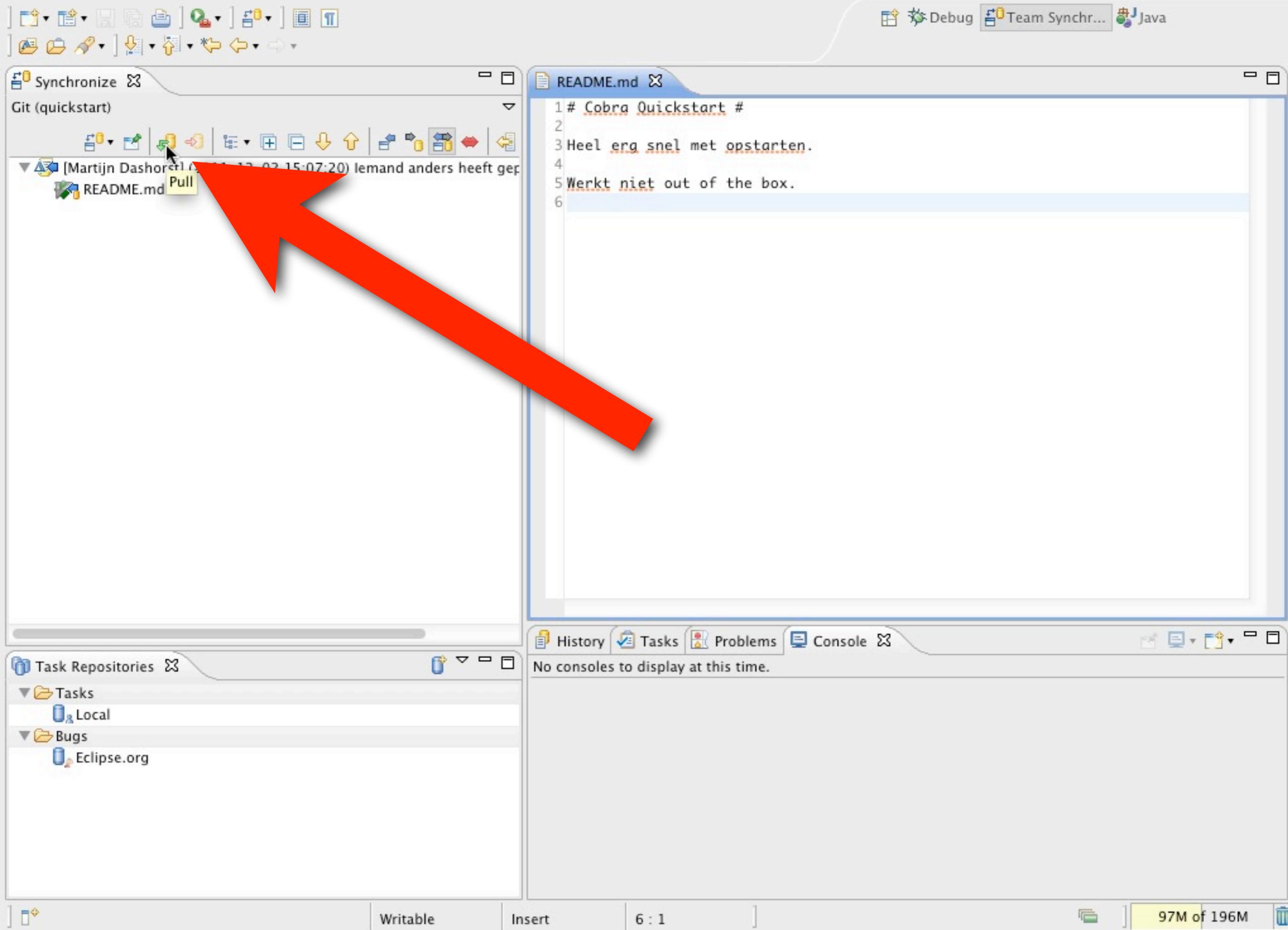
Eclipse.org







Debug Team Synchr... Java



Debug Team Synchr... Java



Synchronize X

Git (quickstart)

No changes in 'Git (quickstart)'.

Toolbar icons for Synchronize, Add, Remove, Refresh, and other Git operations.

README.md X

```
1 # Cobra Quickstart #
2
3 Heel erg snel met opstarten.
4
5 Werkt niet out of the box.
6
7 Mooie test voor git/github migratie.
8
```

History Tasks Problems Console X

No consoles to display at this time.

Task Repositories X

Tasks

- Local

Bugs

- Eclipse.org

The list is incomplete [Preferences...](#)

	Author	Date	Id	Committer
master HEAD Readme toegevoegd, test voor Rob	Martijn Dashorst <martijn.dashorst@gmail.com>	27 hours ago	e14102d	Martijn Dashorst
origin/leer... foto url dynamisch	hielkehoeve <hielke.hoeve@gmail.com>	27 hours ago	91320d	hielkehoeve
eduapplicatie ook kunnen bewerken	hielkehoeve <hielke.hoeve@gmail.com>	29 hours ago	985974	hielkehoeve
uitgever kunnen specificeren	hielkehoeve <hielke.hoeve@gmail.com>	30 hours ago	ee17b5f	hielkehoeve
origin/v1.18 check voor lege principal class name (bijvoorbeeld bij geenRol)	Pieter van den Brink <pieter.van.dei@gmail.com>	2 days ago	837ca42	Pieter van den Brink
Merge branch 'master' into leerlingportaal	hielkehoeve <hielke.hoeve@gmail.com>	2 days ago	a2b3db5	hielkehoeve
ELD2.x: pagina's (work in progress)	Pieter van den Brink <pieter.van.dei@gmail.com>	3 days ago	873f8b5	Pieter van den Brink
algemene AjaxEditButtonColumn met styles	Jasper Bragt <jasper.bragt@topicus.nl>	3 days ago	69cd709	Jasper Bragt
datapanel gebaseerd op inschrijvingen ipv leerlingen	Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	515f24ff	Jasper Bragt
appart -> apart	Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	42ae04f	Jasper Bragt
ELD xml generatie work in progress	Pieter van den Brink <pieter.van.dei@gmail.com>	4 days ago	1560f98	Pieter van den Brink
cleanup	Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	864582f	Jasper Bragt
Integraal-functies selecteren bij aanmaken nieuwe medewerker	Luke Niesink <luke.niesink@topicus.nl>	4 days ago	51acd33	Luke Niesink
AutoForm-Label Locale = 'Taal'	Luke Niesink <luke.niesink@topicus.nl>	4 days ago	c4e3db9	Luke Niesink
ELDInschrijvingTable	Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	9d292fc	Jasper Bragt
Merge branch 'master' of git@github.com:topicusonderwijs/parnassys.git	Michiel Korthuis <michiel.korthuis@gmail.com>	4 days ago	5c4b029	Michiel Korthuis
Ignore hibernate.properties	Michiel Korthuis <michiel.korthuis@gmail.com>	4 days ago	0c02ba7	Michiel Korthuis
test push	Pieter van den Brink <pieter.van.dei@gmail.com>	4 days ago	4d5b62a	Pieter van den Brink
Nieuw example properties – met laatste / meest up to date config	Michiel Korthuis <michiel.korthuis@gmail.com>	4 days ago	d41715a	Michiel Korthuis
[ORIG_HEAD] leerlingzoekfilter voor ELD (halve commit voor SVN-replicatie uit word)	Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	a0626bb	Jasper Bragt
origin/v1.17 oeps... (michiel)	Jan Hendrik Hooghiemstra <janhen@gmail.com>	4 days ago	4edc83d	Jan Hendrik Hooghiemstra
diverse kleine aanpassingen / verbeteringen	Jan Hendrik Hooghiemstra <janhen@gmail.com>	4 days ago	31f63ca	Jan Hendrik Hooghiemstra
kleine aanpassingen / verbeteringen	Jan Hendrik Hooghiemstra <janhen@gmail.com>	4 days ago	3be598c	Jan Hendrik Hooghiemstra
kleine correctie	Jan Hendrik Hooghiemstra <janhen@gmail.com>	4 days ago	beef28e	Jan Hendrik Hooghiemstra
Kleine verbeteringen	Jan Hendrik Hooghiemstra <janhen@gmail.com>	4 days ago	d9cbd5b	Jan Hendrik Hooghiemstra
fixes mbt nieuwe servlet api	Jan Hendrik Hooghiemstra <janhen@gmail.com>	4 days ago	fcb7bfcd	Jan Hendrik Hooghiemstra
maak conversie per vestiging mogelijk	Klaasjan Brand <klaasjan.brand@topicus.nl>	4 days ago	398a688	Jan Hendrik Hooghiemstra
commit e14102d2e75df713b7787f6323b0fcfd62aed0f3e	Donato Suhre <donato.suhre@topicus.nl>	4 days ago	1ee113c	Klaasjan Brand
Author: Martijn Dashorst <martijn.dashorst@gmail.com> 2011-12-01 12:35:58	README.md		7f9decad	Donato Suhre
Committer: Martijn Dashorst <martijn.dashorst@gmail.com> 2011-12-01 12:35:58				
Parent: 873f8b53111c766834e985f73e86559fd7e00298 (-Implementatie versleuteling PGN voor ELD -)				
Branches: master				

Author: Martijn Dashorst <martijn.dashorst@gmail.com> 2011-12-01 12:35:58

Committer: Martijn Dashorst <martijn.dashorst@gmail.com> 2011-12-01 12:35:58

Parent: [873f8b53111c766834e985f73e86559fd7e00298](#) (-Implementatie versleuteling PGN voor ELD -)

Branches: [master](#)

121M of 225M

The list is incomplete [Preferences...](#)

Author	Date	Id	Com...
Martijn Dashorst <martijn.dashorst@gmail.com>	27 hours ago	e14102dMart...	
hielkehoeve <hielke.hoeve@gmail.com>	27 hours ago	91320dhielke...	
hielkehoeve <hielke.hoeve@gmail.com>	29 hours ago	985974hielke...	
hielkehoeve <hielke.hoeve@gmail.com>	30 hours ago	ee17b5fhielke...	
Pieter van den Brink <pieter.van.den.brink@topicus.nl>	2 days ago	837ca42Pieter...	
hielkehoeve <hielke.hoeve@gmail.com>	2 days ago	a2b3db5hielke...	
RefactorPieter van den Brink <pieter.van.den.brink@topicus.nl>	3 days ago	873f8b5Pieter...	
Jasper Bragt <jasper.bragt@topicus.nl>	3 days ago	69cd709Jaspe...	
Jasper Bragt <jasper.bragt@topicus.nl>	3 days ago	2a67ed1Jaspe...	
Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	515f24ffJaspe...	
Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	42ae04fJaspe...	
Pieter van den Brink <pieter.van.den.brink@topicus.nl>	4 days ago	1560f98Pieter...	
Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	864582fJaspe...	
Luke Niesink <luke.niesink@topicus.nl>	4 days ago	51acd33Luke...	
Luke Niesink <luke.niesink@topicus.nl>	4 days ago	c4e3db9Luke...	
Jasper Bragt <jasper.bragt@topicus.nl>	4 days ago	9d292fcJaspe...	
Michiel Korthuis <michiel.korthuis@topicus.nl>	4 days ago	5c4b029Michi...	
Michiel Korthuis <michiel.korthuis@topicus.nl>	4 days ago	0c02ba7Michi...	
Pieter van den Brink <pieter.van.den.brink@topicus.nl>	4 days ago	4d5b62aPieter...	
Michiel Korthuis <michiel.korthuis@topicus.nl>	4 days ago	d41715aMichi...	
uit wordJasper Bragt <jasper.bragt@topicus.nl>	4 days ago	a0626bbJaspe...	
Jan Hendrik Hooghiemstra <janhendrik.hooghiem...	4 days ago	4edc83dJan H...	
Jan Hendrik Hooghiemstra <janhendrik.hooghiem...	4 days ago	31f63caJan H...	
Jan Hendrik Hooghiemstra <janhendrik.hooghiem...	4 days ago	3be598cJan H...	
Jan Hendrik Hooghiemstra <janhendrik.hooghiem...	4 days ago	beef28eJan H...	
Jan Hendrik Hooghiemstra <janhendrik.hooghiem...	4 days ago	d9cbd5bJan H...	
Jan Hendrik Hooghiemstra <janhendrik.hooghiem...	4 days ago	fcf7bfcdJan H...	
Klaasian Brand <klaasian.brand@topicus.nl>	4 days ago	398a688Jan H...	
Klaasian Brand <klaasian.brand@topicus.nl>	4 days ago	1ee113cKlaas...	

commit e14102d2e75df713b7787f6323b0fcfd62aed0f3e
 Author: Martijn Dashorst <martijn.dashorst@gmail.com> 2011-12-01 12:35:58
 Committer: Martijn Dashorst <martijn.dashorst@gmail.com> 2011-12-01 12:35:58
 Parent: [873f8b53111c766834e985f73e86559fd7e00298](#) (-Implementatie versleuteling PGN voor ELD -)
 Branches: [master](#)

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Leerling.java

```

34f0e42 Martijn Dashorst 53
aacb96e Michiel Korthuis 54
34f0e42 Martijn Dashorst 55
56
9398333 Klaasjan Brand 57
aacb96e Michiel Korthuis 58
34f0e42 Martijn Dashorst 59
60
19d7320 Klaasjan Brand 61
aacb96e Michiel Korthuis 62
34f0e42 Martijn Dashorst 63
64
aacb96e Michiel Korthuis 65
34f0e42 Martijn Dashorst 66
67
c54e0ba Klaasjan Brand 68
0abfa53 Klaasjan Brand 69
c54e0ba Klaasjan Brand 70
34f0e42 Martijn Dashorst 71
aacb96e Michiel Korthuis 72
25187d2 Pieter van den Brink 73
34f0e42 Martijn Dashorst 74
75
db300b0 Klaasjan Brand 76
50a3d47 Luke Niesink 77
78
79
db300b0 Klaasjan Brand 80
34f0e42 Martijn Dashorst 81
aacb96e Michiel Korthuis 82
34f0e42 Martijn Dashorst 83
84
aacb96e Michiel Korthuis 85
34f0e42 Martijn Dashorst 86
87
aacb96e Michiel Korthuis 88
1d8248f Luke Niesink 89
34f0e42 Martijn Dashorst 90
91

    @Column(nullable = false, length = 25)
    private String roepnaam;

    @AutoForm(label = "Voorna(a)m(en)")
    @Column(nullable = false, length = 50)
    private String voornamen;

    @AutoForm(label = "Voorvoegsel(s)")
    @Column(length = 10)
    private String tussenvoegsel;

    @Column(nullable = false, length = 50)
    private String achternaam;

    @Column
    @Enumerated(EnumType.STRING)
    private Geslacht geslacht;

    @Column(nullable = false, length = 10)
    @Temporal(TemporalType.DATE)
    private Date geboortedatum;

    @Enumerated(EnumType.STRING)
    @AutoForm(
        label = "Geboortedatum onzeker",
        description = "Door een van de opties behalve Nee te selecteren, geeft u aan dat de geboortedatum onzeker is")
    private GeboortedatumOnzeker geboortedatumOnzeker;

    @Column(length = 25)
    private String geboorteplaats;

    @Column(length = 50)
    private String nietNederlandseAchtergrond;

    @Column(length = 11)
    @AutoForm(label = "Burgerservicenummer (BSN)")
    private String sofiNummer;

```

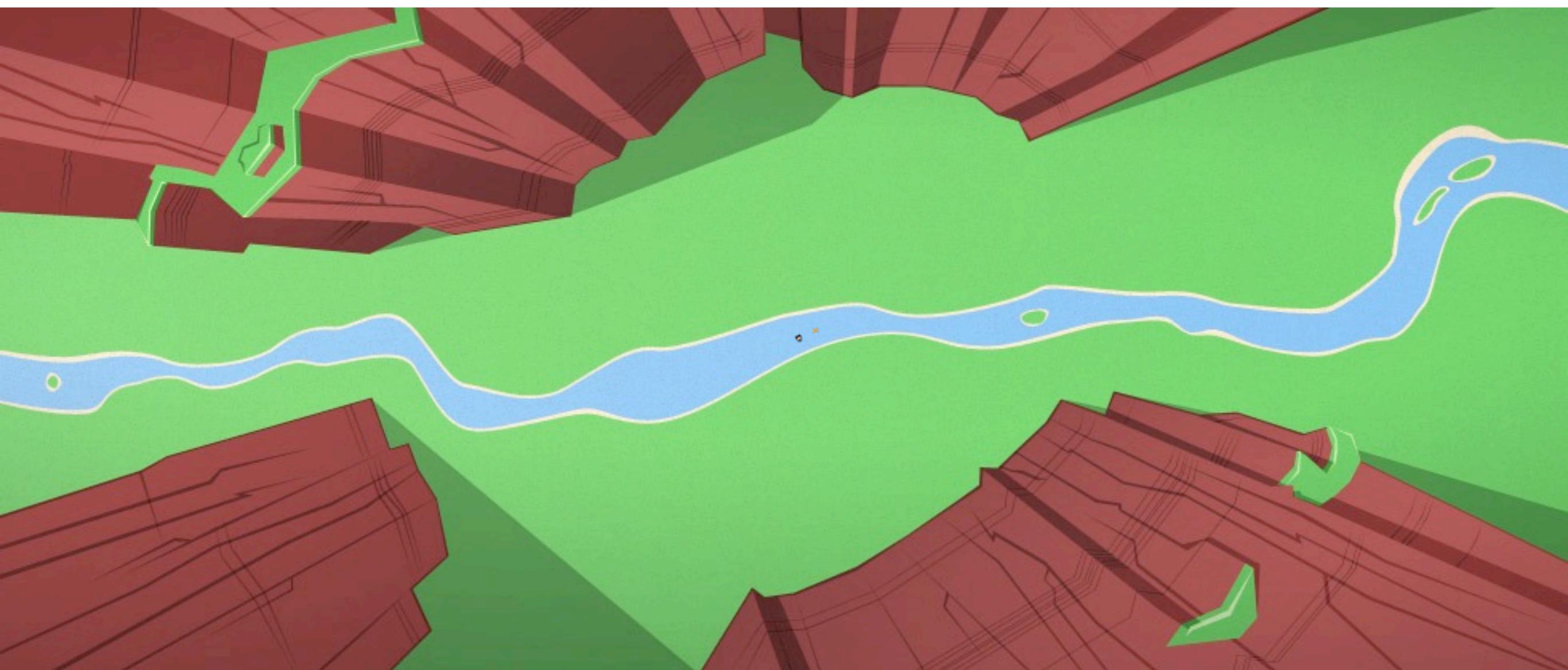
Writable Smart Insert 1 : 1

140M of 250M

OMGWTFBBQEGIT



OMGWTFBBQEGIT



Vragen...