Git Lernen, Part Duex

Scott Chacon

Where are we?

What is Git?

Basic Git Usage

Intermediate Git Usage



Git Branching

Working with Repo & Gerritt

Advanced Git Usage

Git Internals

Git Maintenance

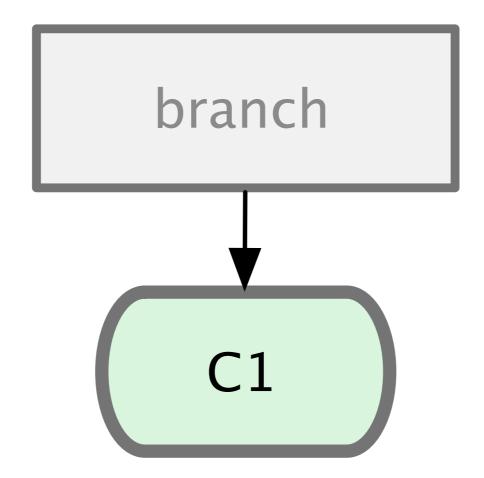
Running a Git Server

Branching and Merging

branches

branches

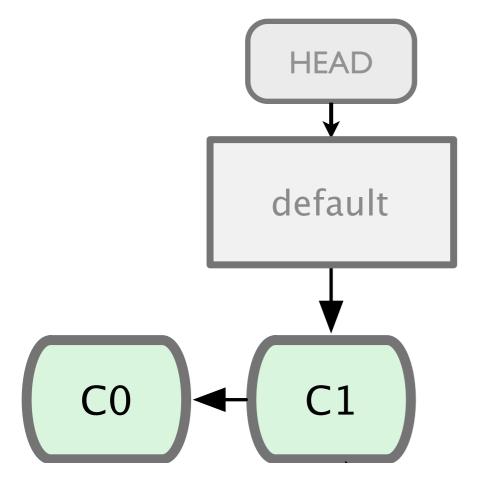
lightweight, movable pointers to a commit

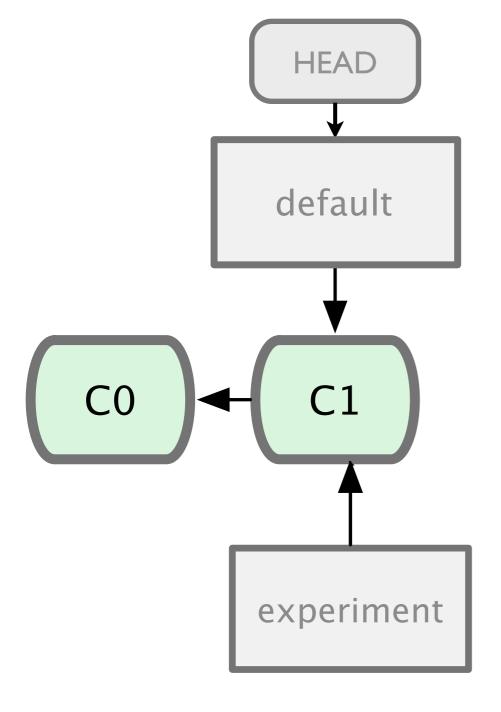


branching

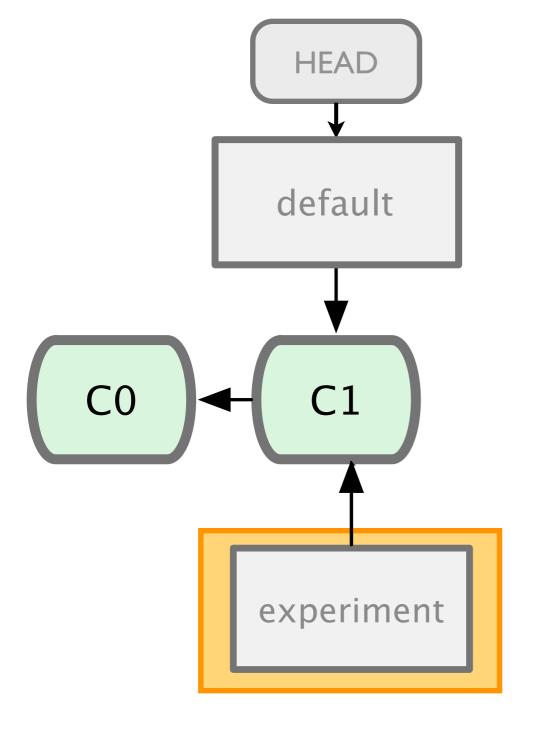
git branch

git checkout

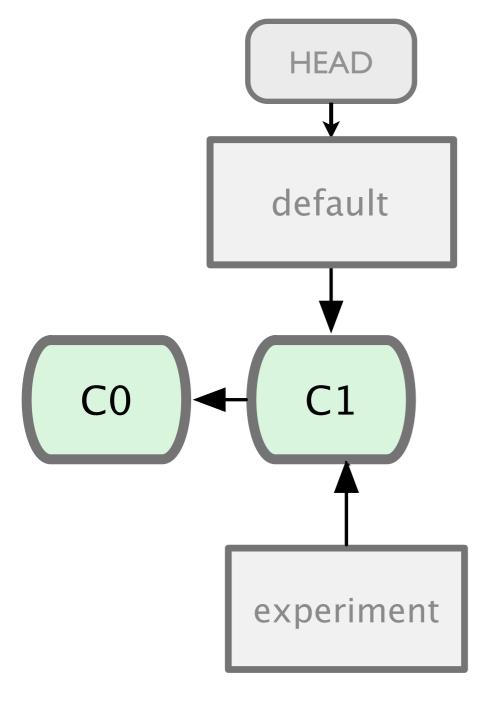




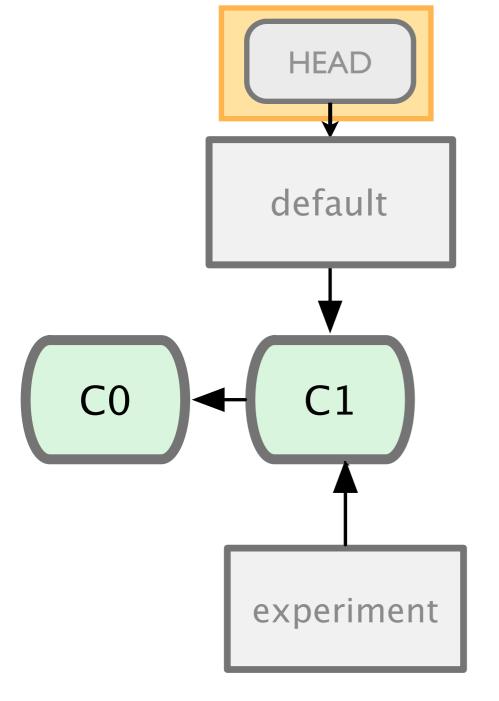
git branch experiment



git branch experiment



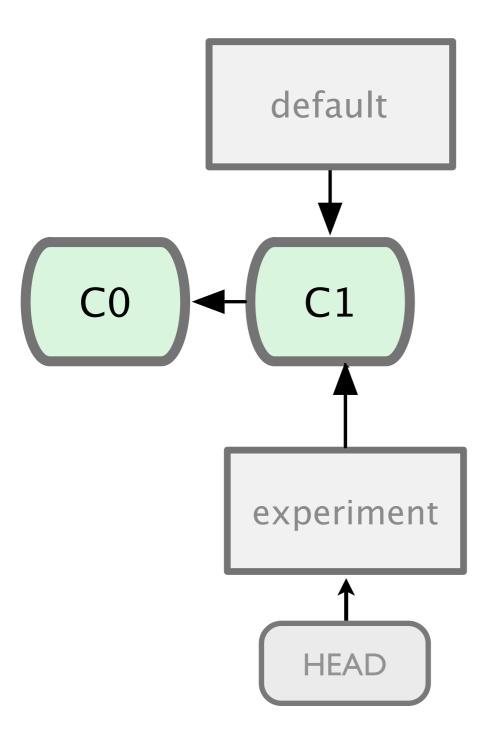
\$ git branch
* default
experiment



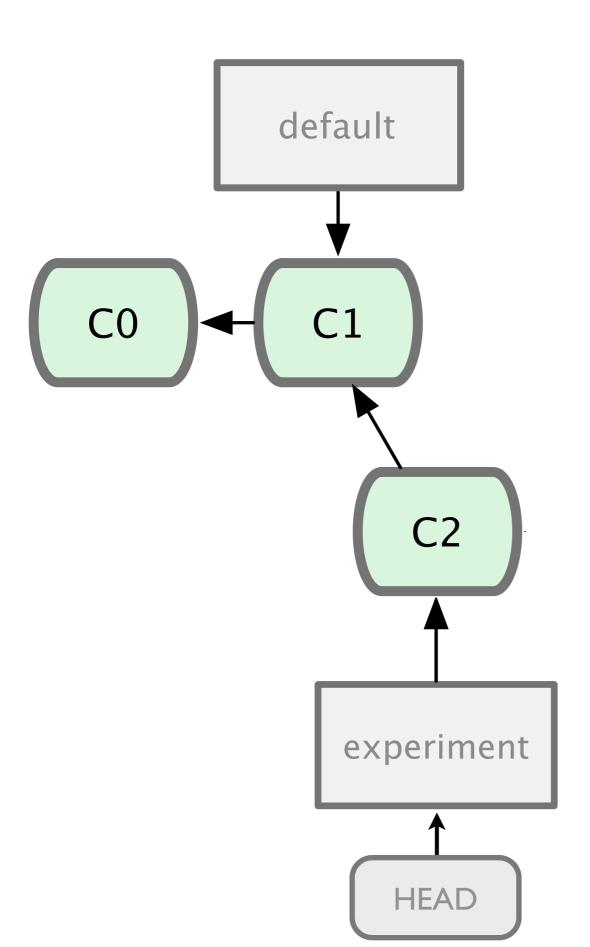
\$ git branch

* default

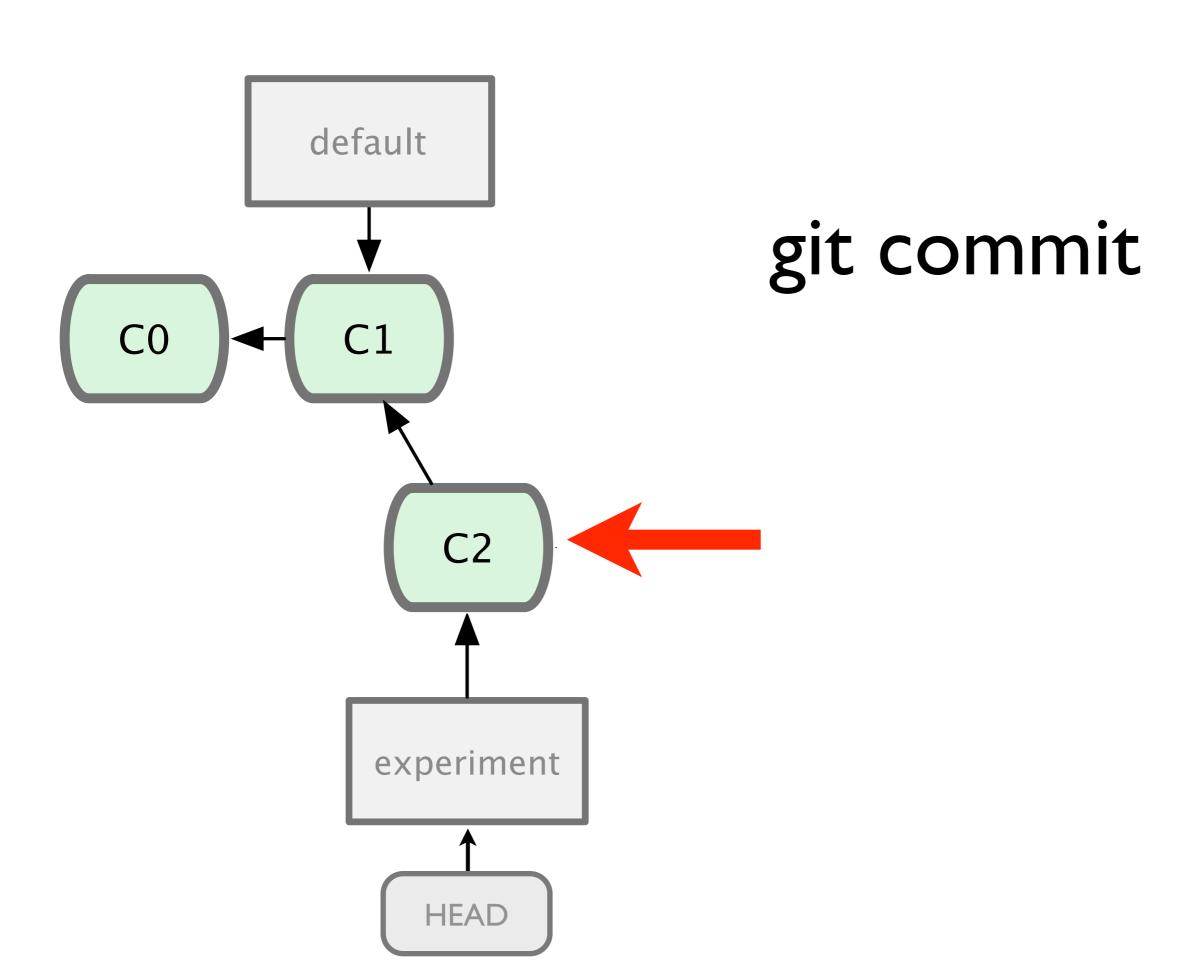
experiment

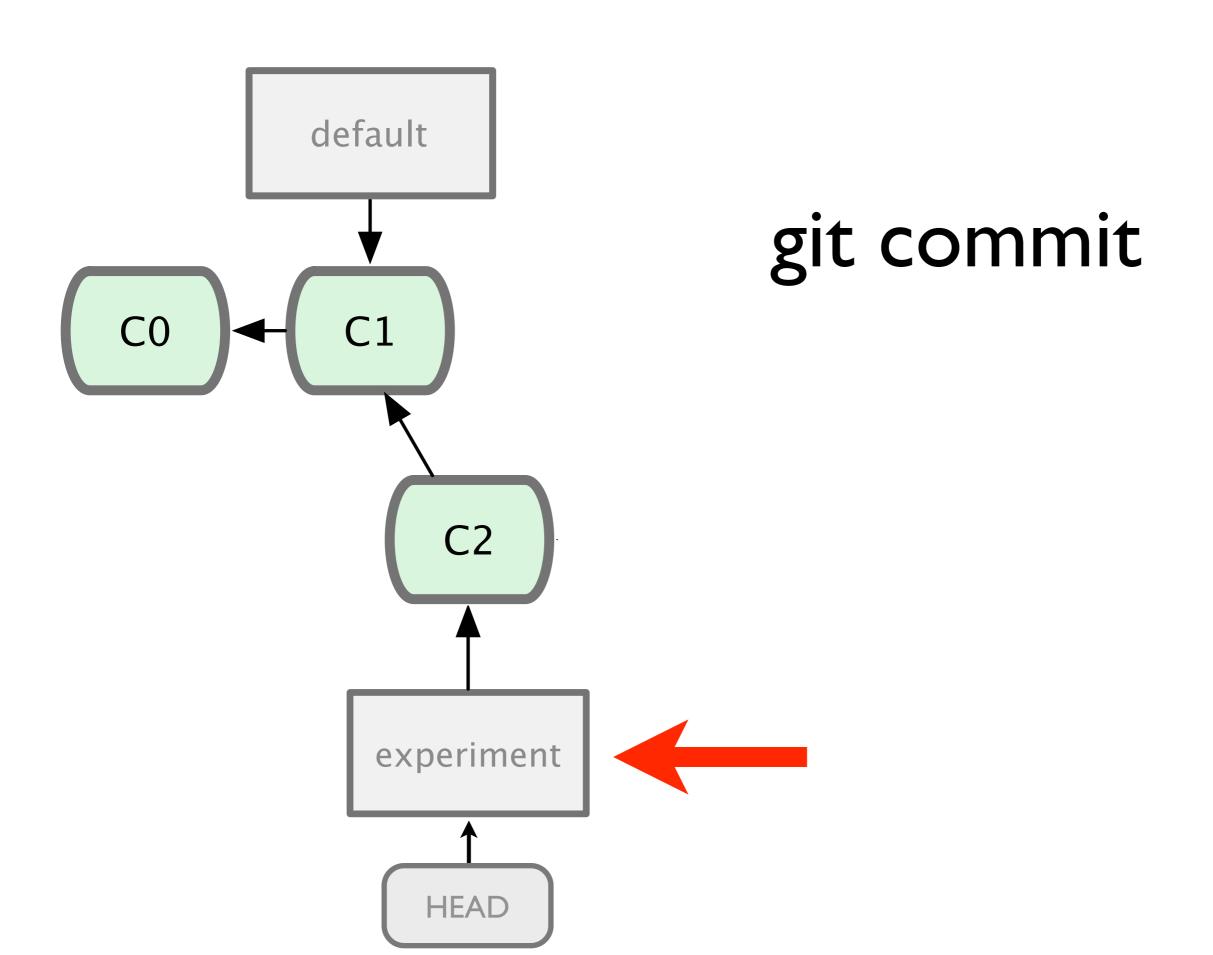


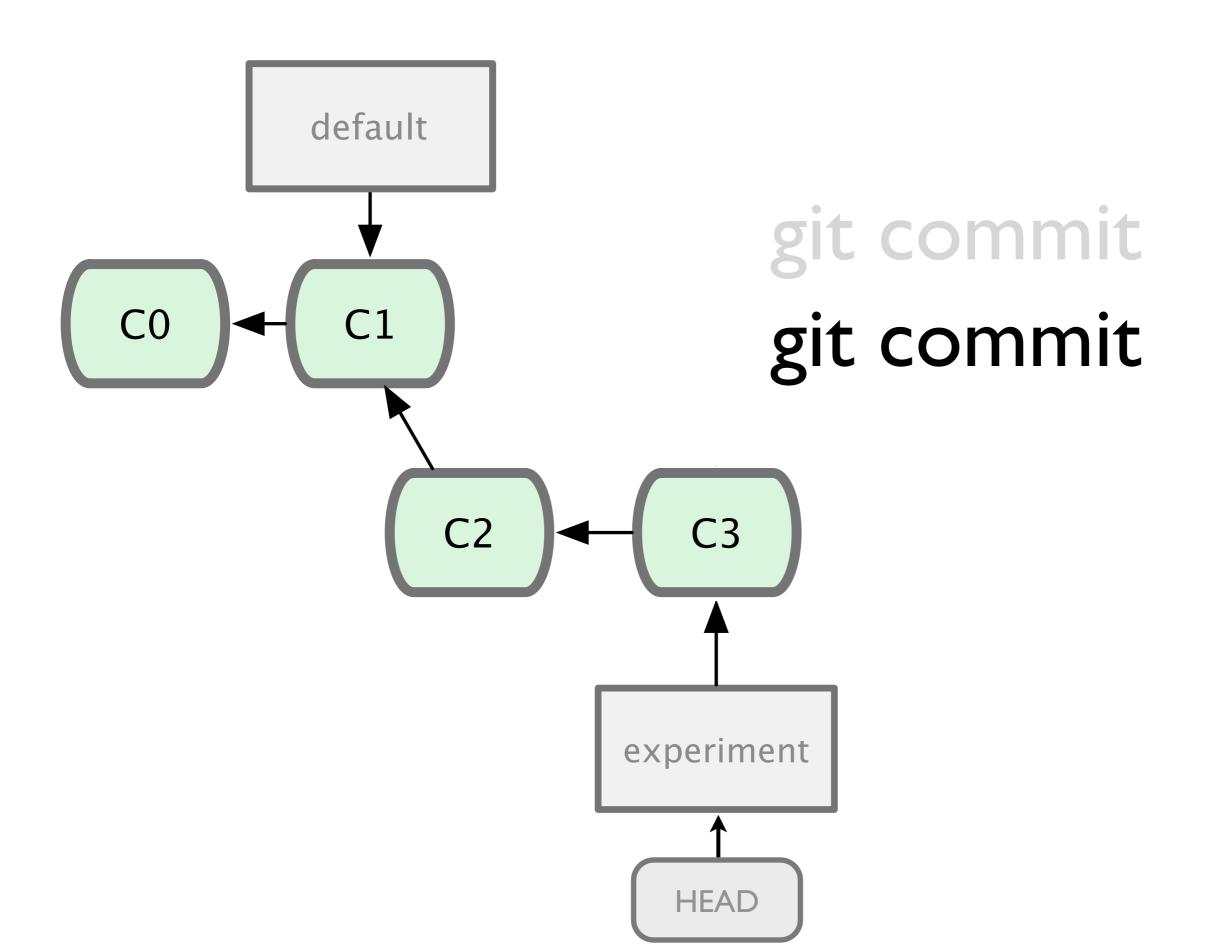
git checkout experiment

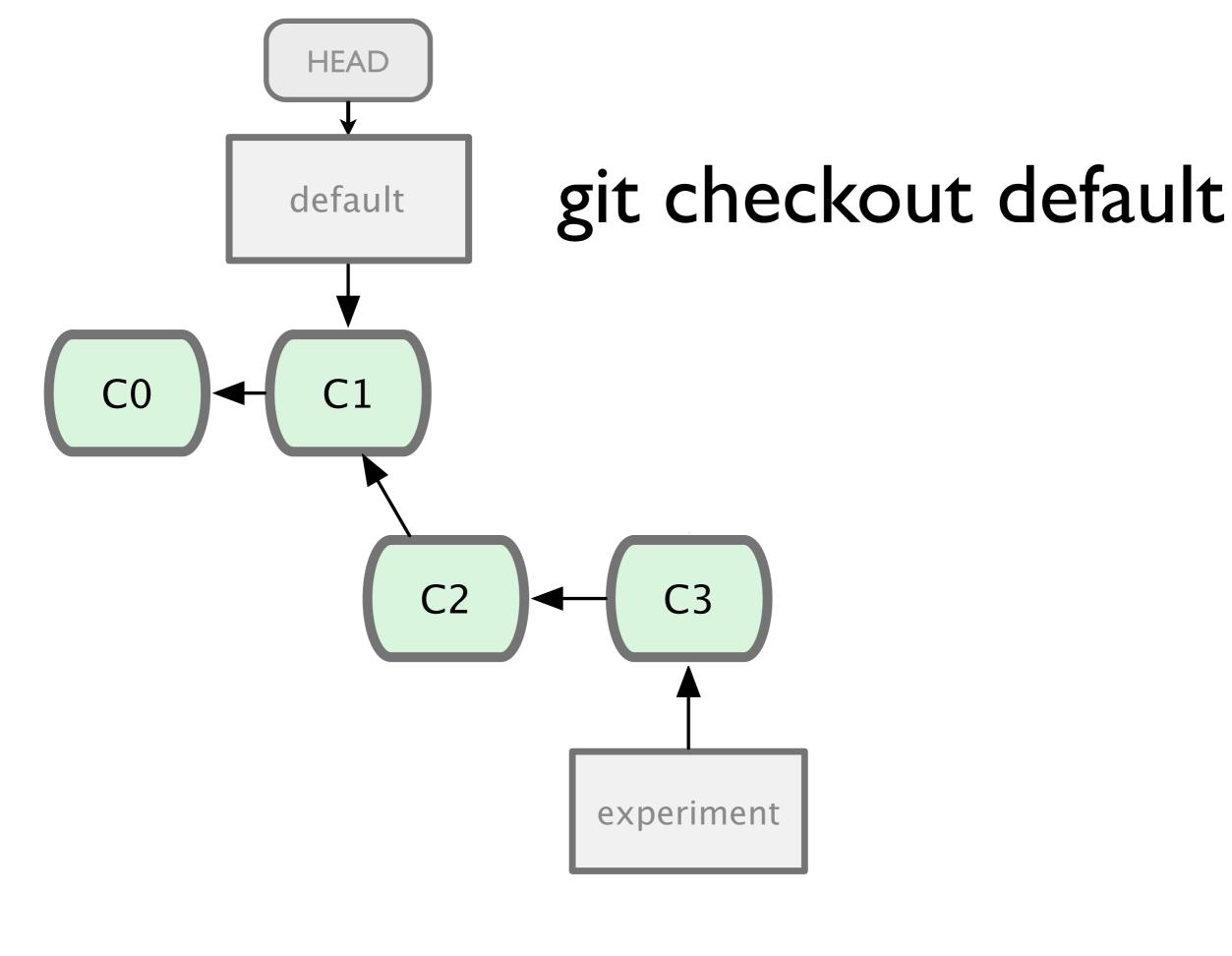


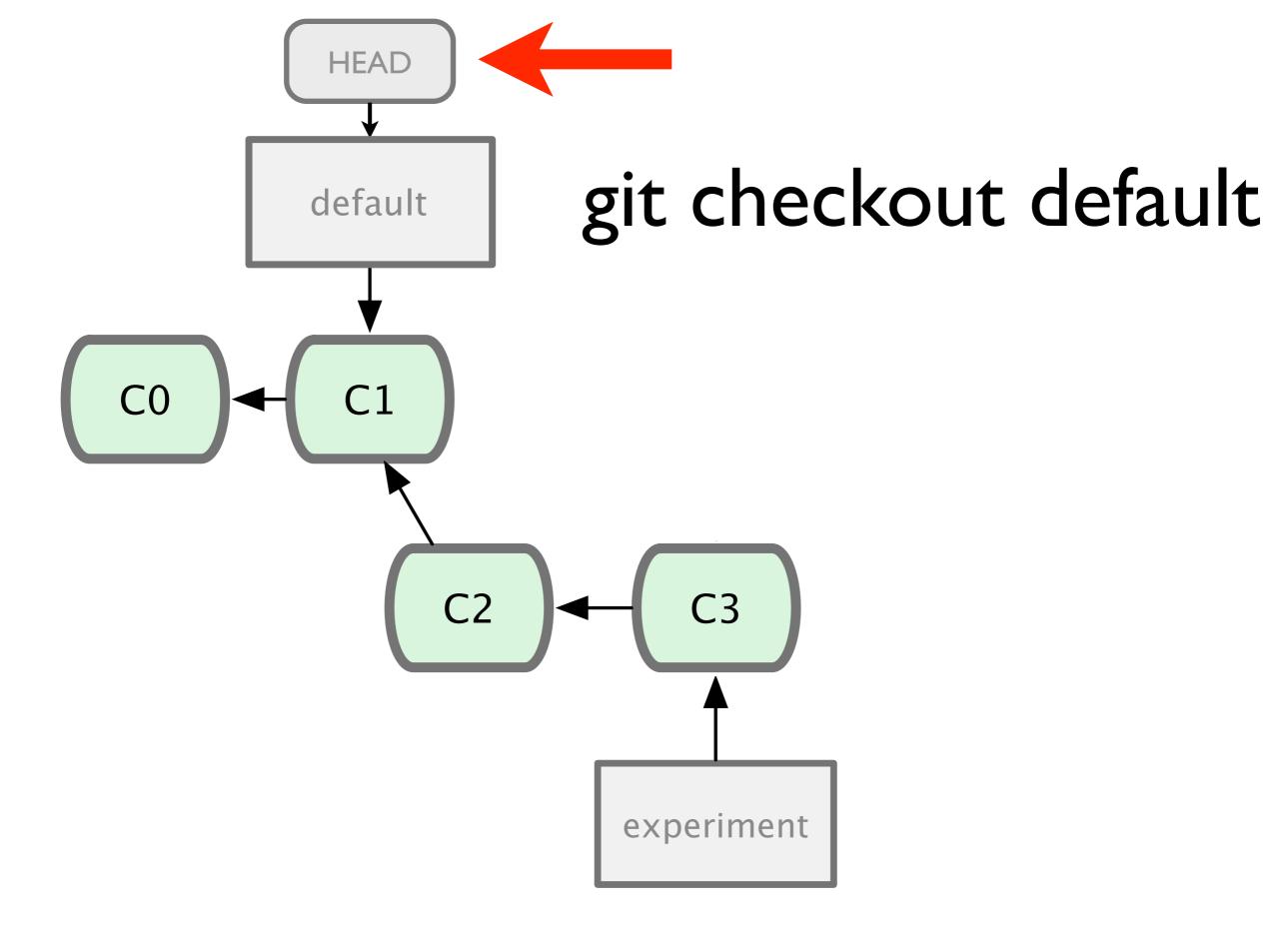
git commit

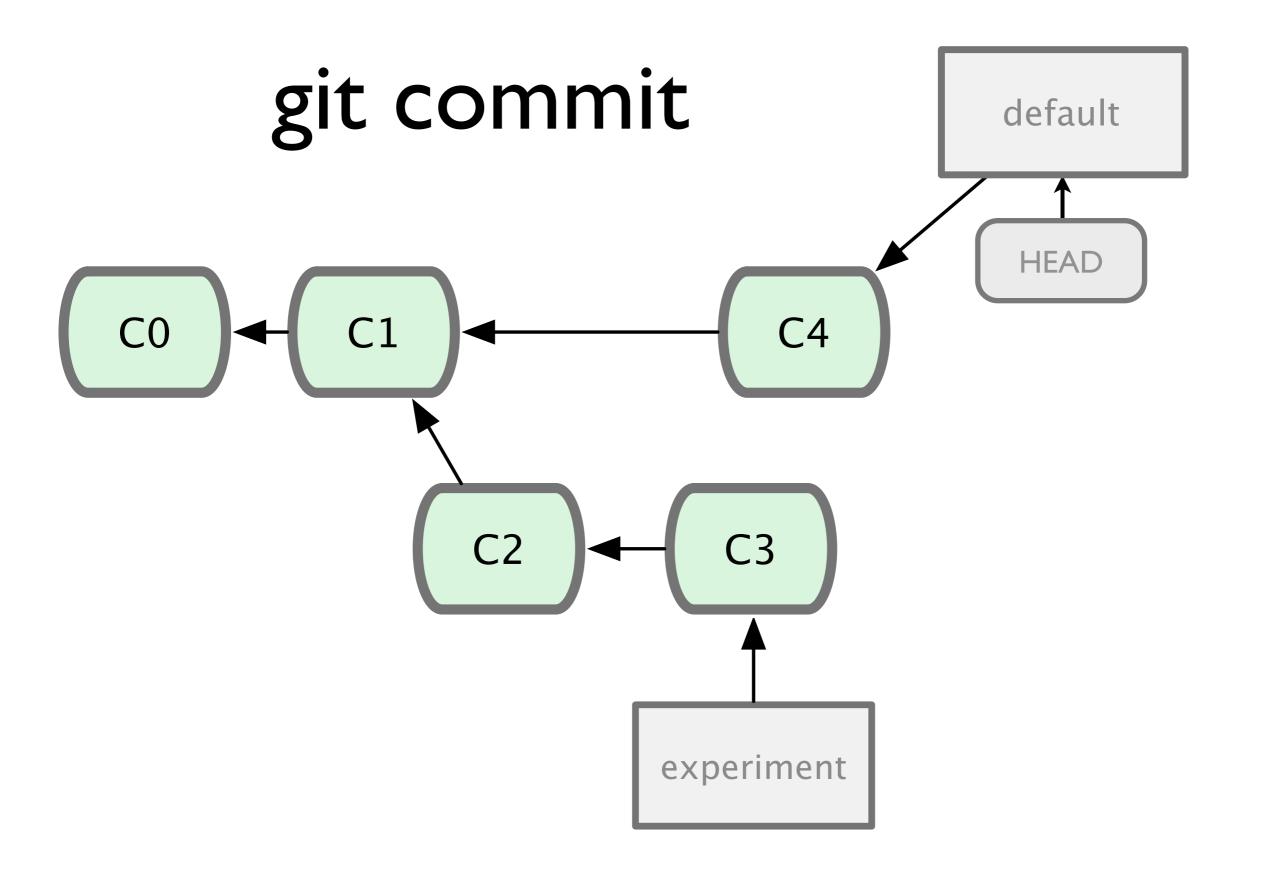


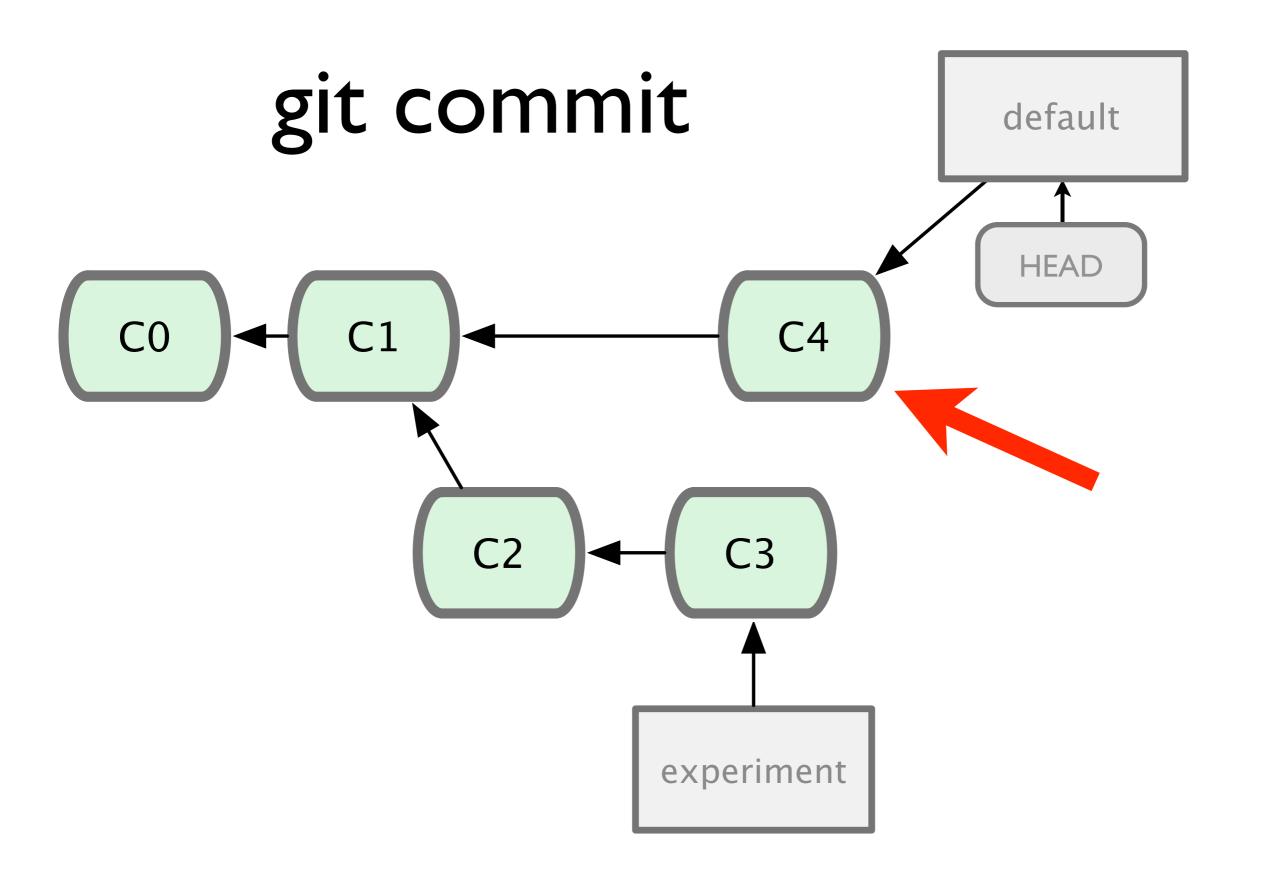


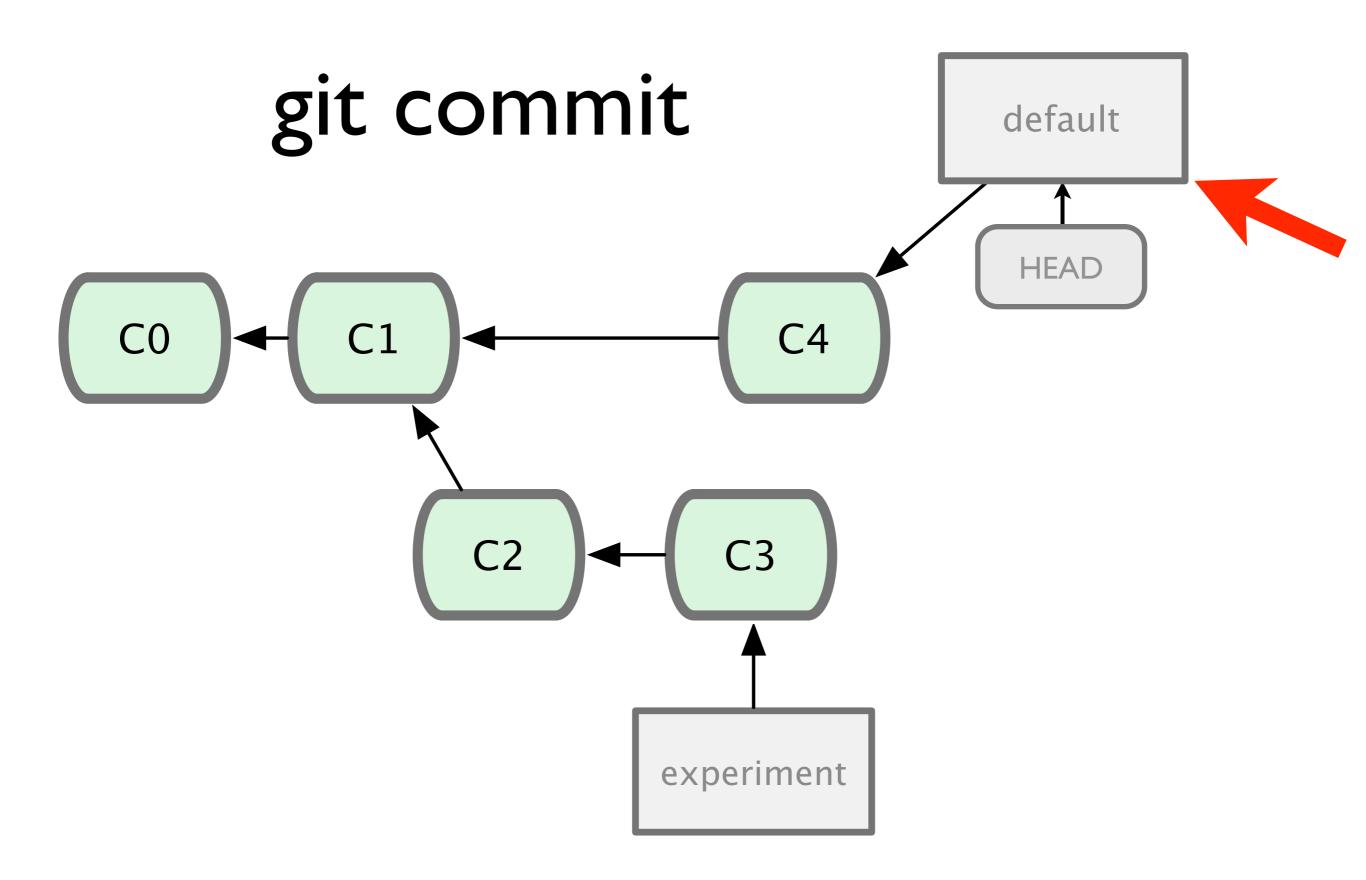


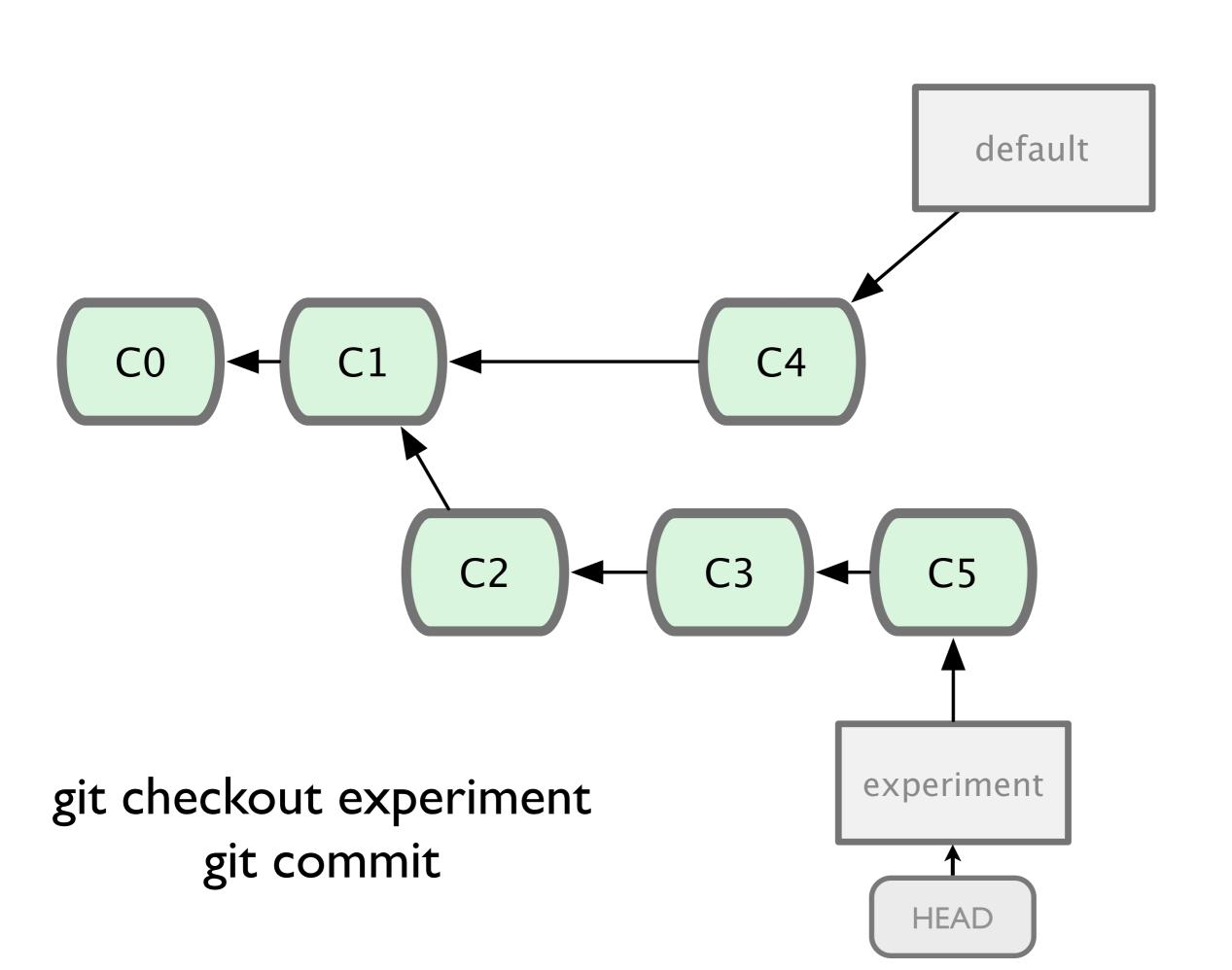












what is a branch, really?

\$ find .git/refs

- \$ find .git/refs
- .git/refs
- .git/refs/heads
- .git/refs/heads/default
- .git/refs/heads/experiment

- \$ find .git/refs
 .git/refs
- .git/refs/heads
- .git/refs/heads/default
- .git/refs/heads/experiment

- \$ find .git/refs
 .git/refs
- .git/refs/heads
- .git/refs/heads/default
- .git/refs/heads/experiment
- \$ cat .git/refs/heads/default
 6370409dc9e38af91565082bdf93577ff555489e

```
$ find .git/refs
.git/refs
.git/refs/heads
.git/refs/heads/default
.git/refs/heads/experiment
```

\$ cat .git/refs/heads/default
6370409dc9e38af91565082bdf93577ff555489e
\$ cat .git/refs/heads/experiment
33ce13c2f0ed35775956f81191b01a644448dcfc

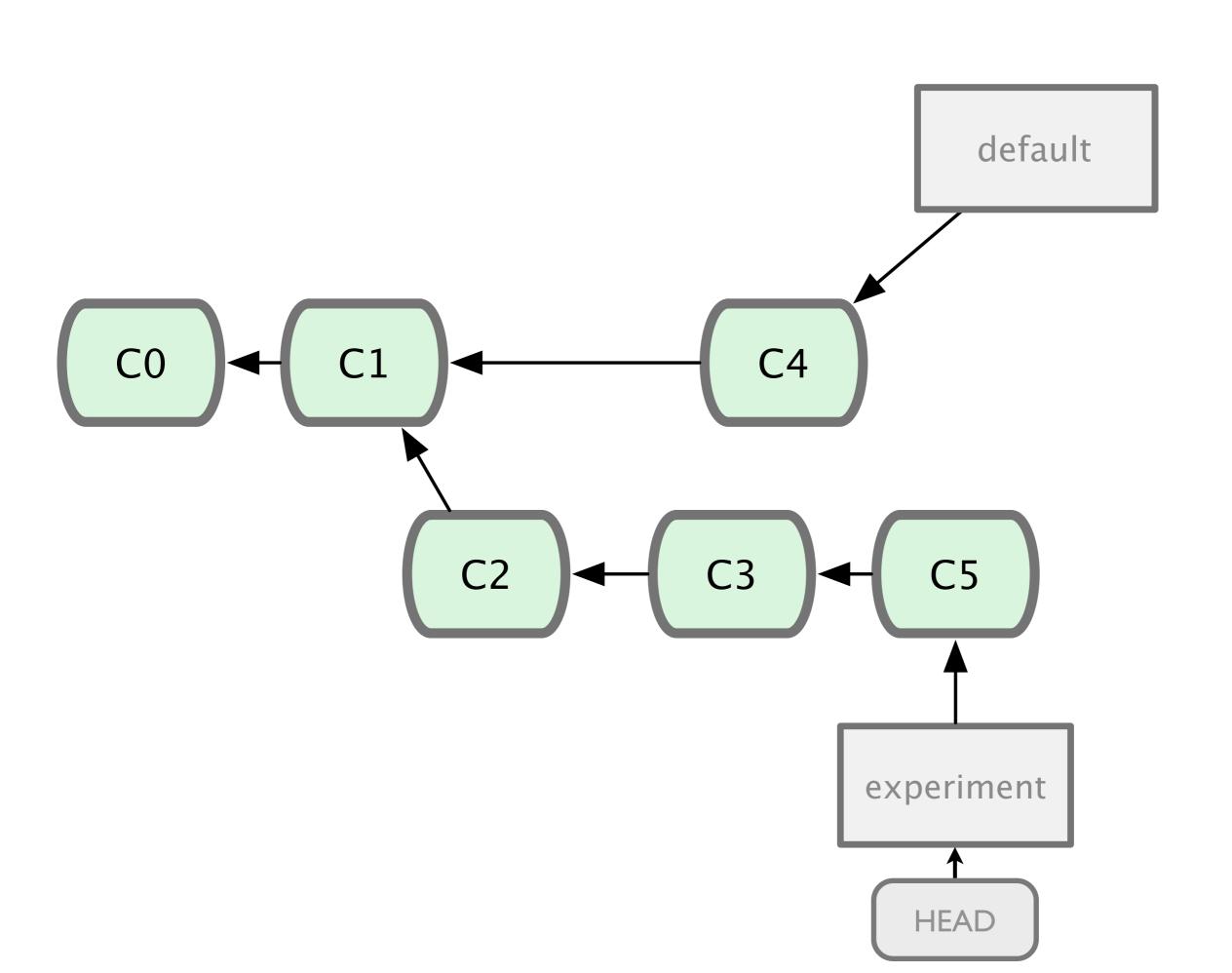
\$ cat .git/HEAD

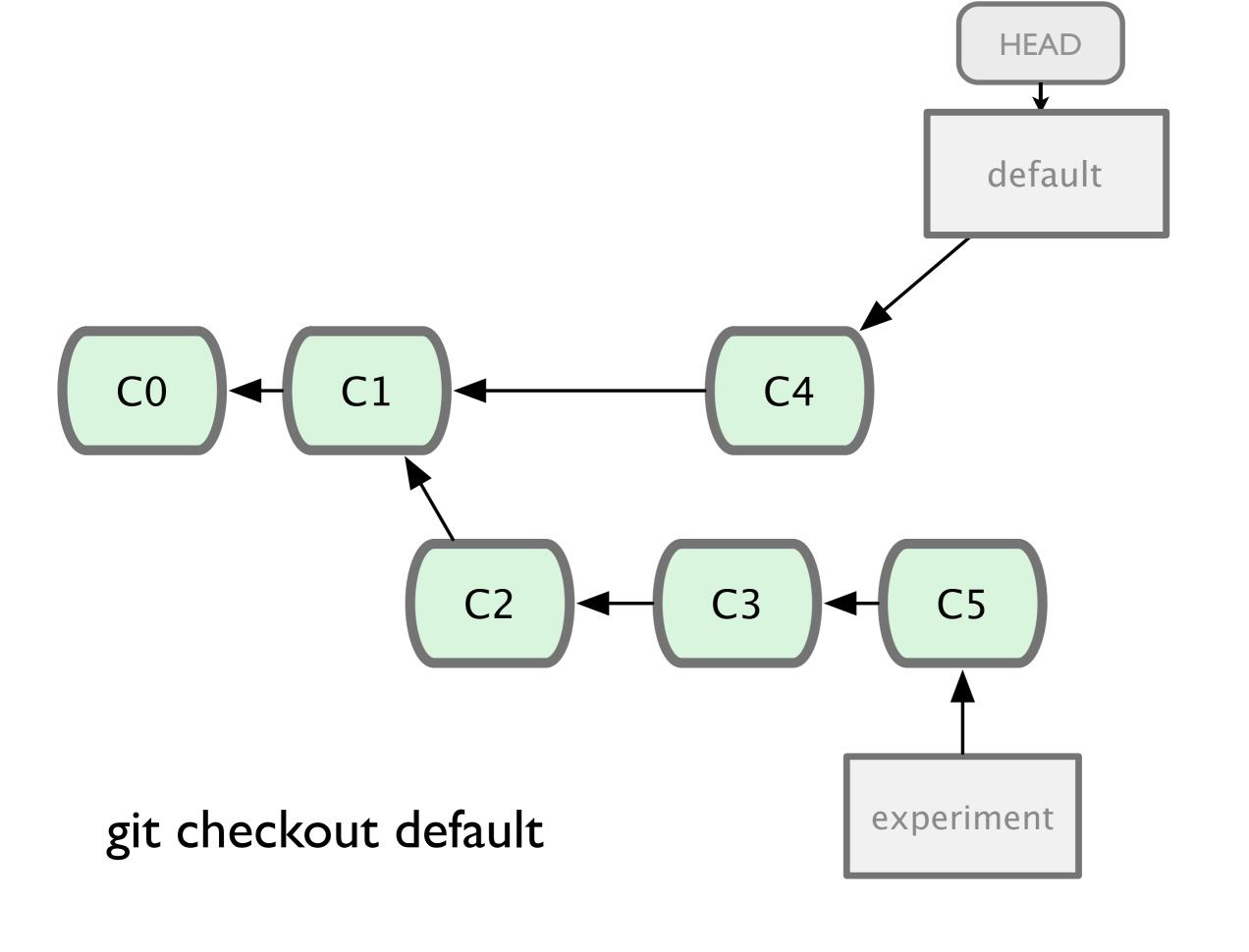
\$ cat .git/HEAD
ref: refs/heads/experiment

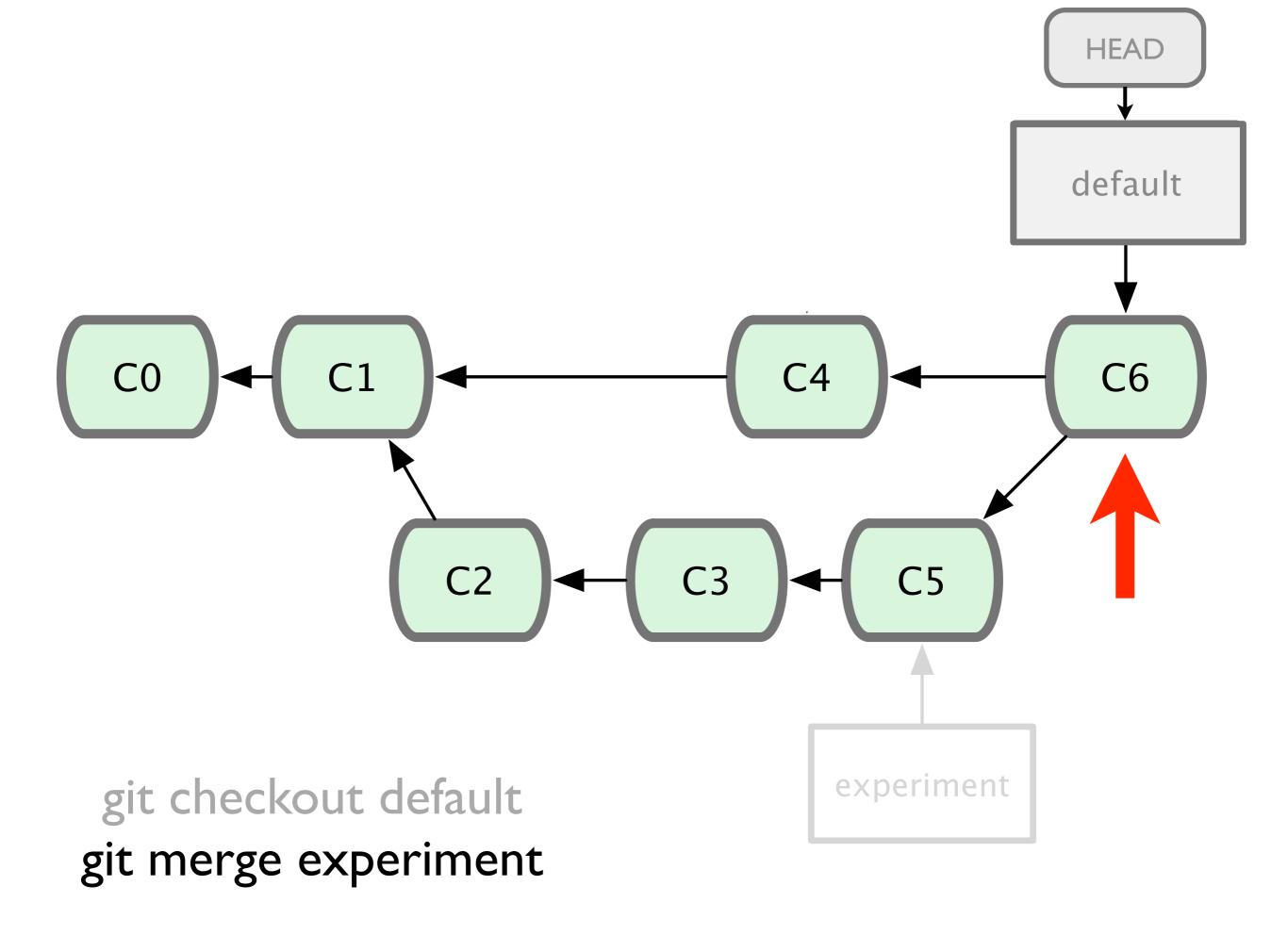
\$ cat .git/HEAD
ref: refs/heads/experiment

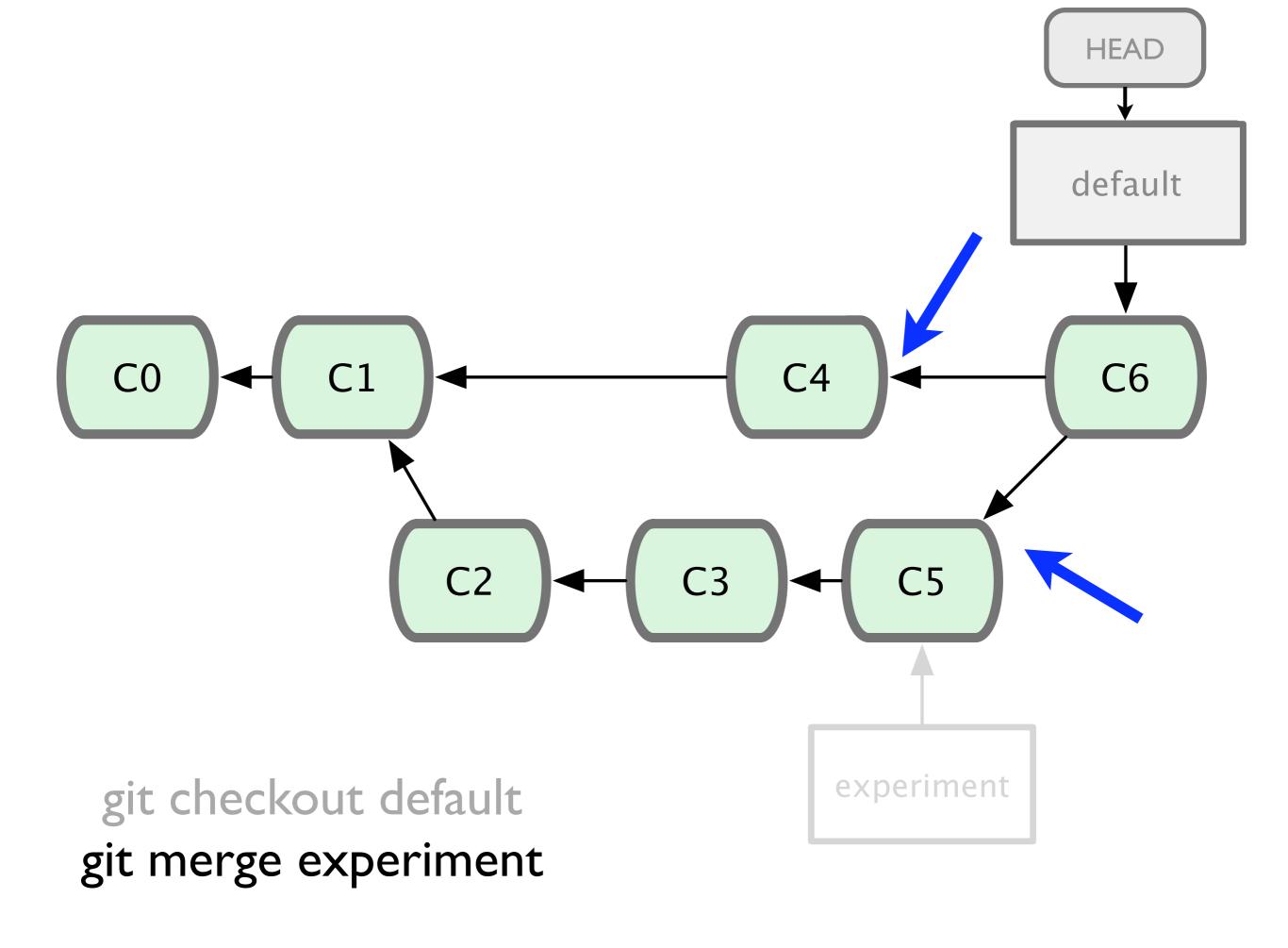
merging

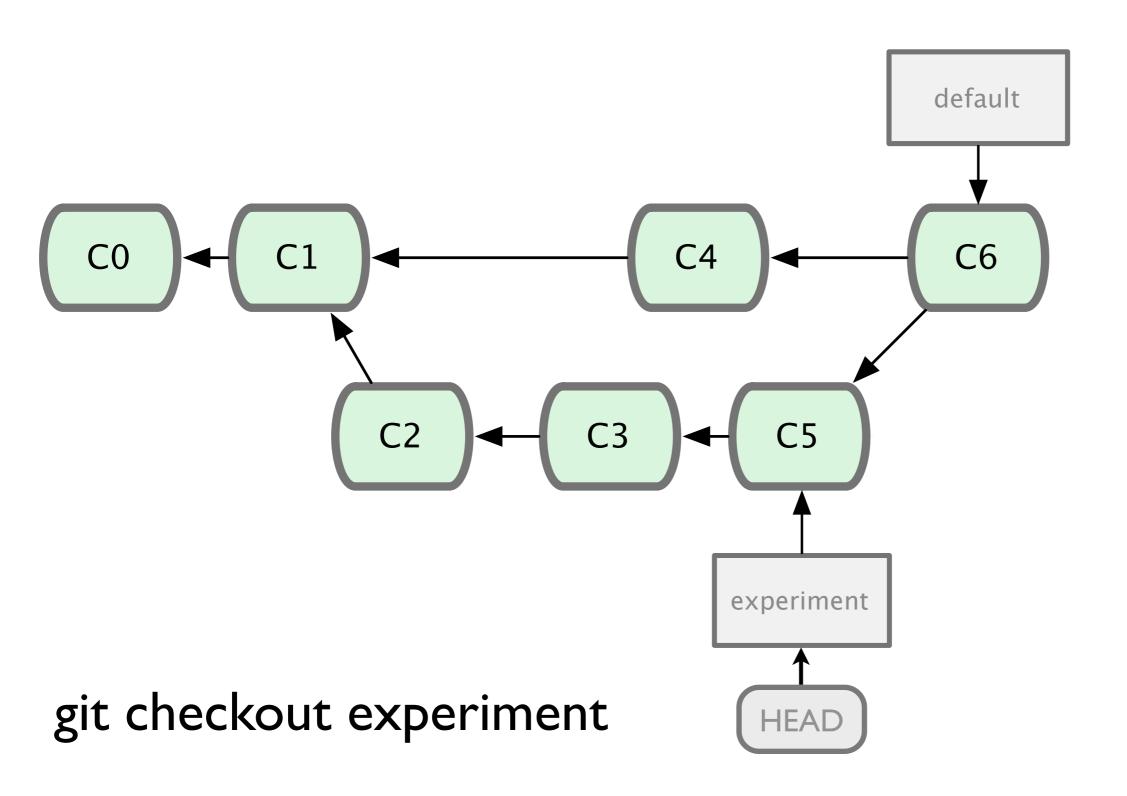
git merge

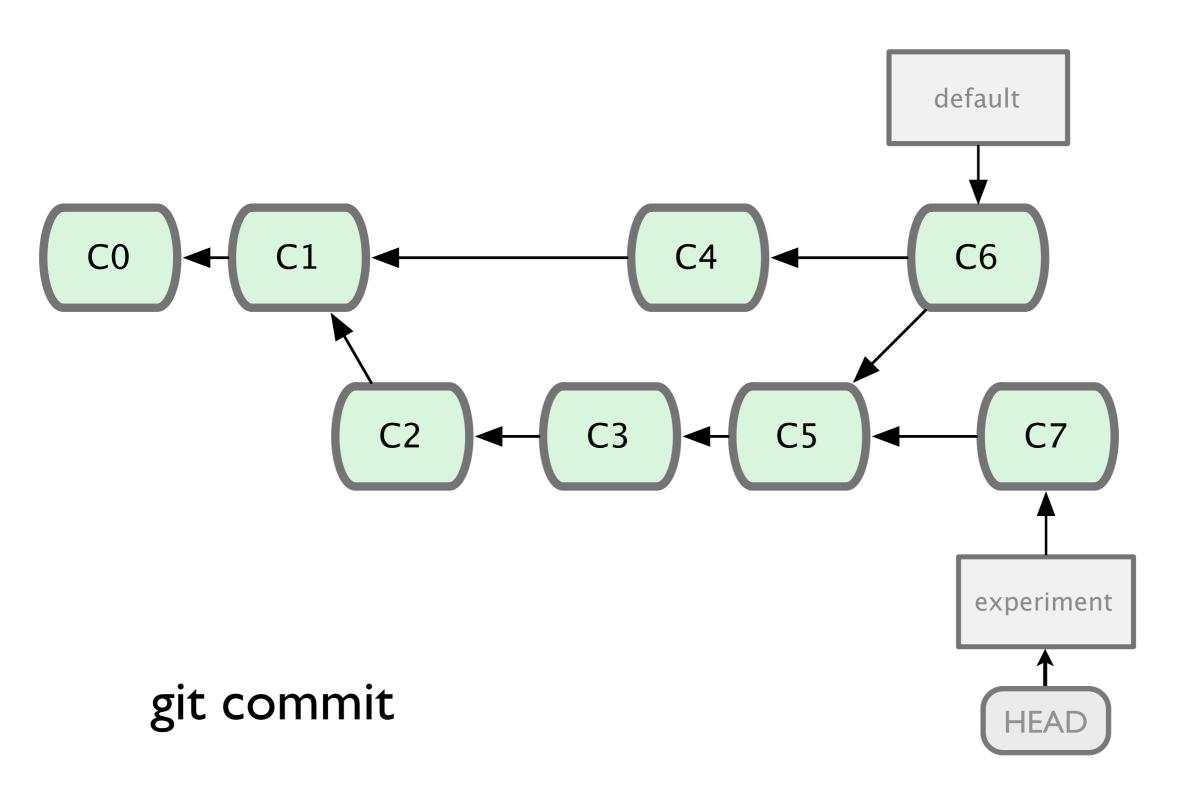


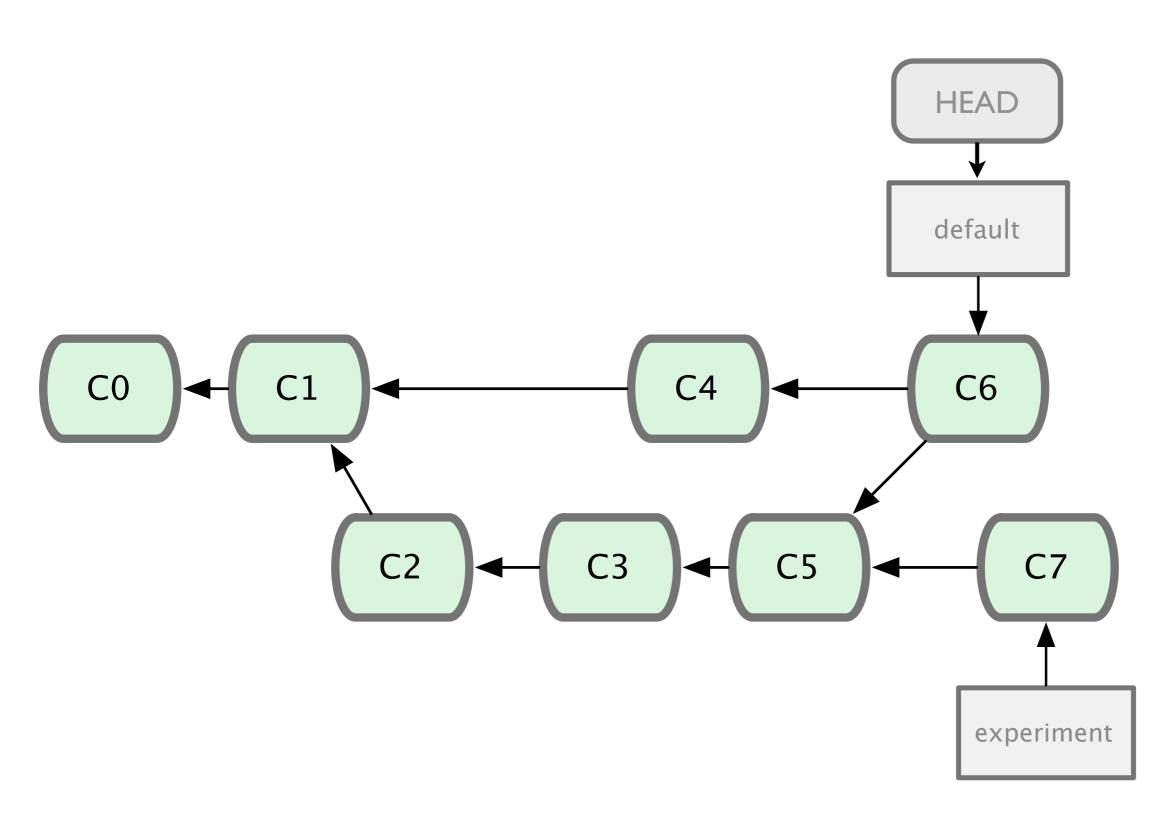




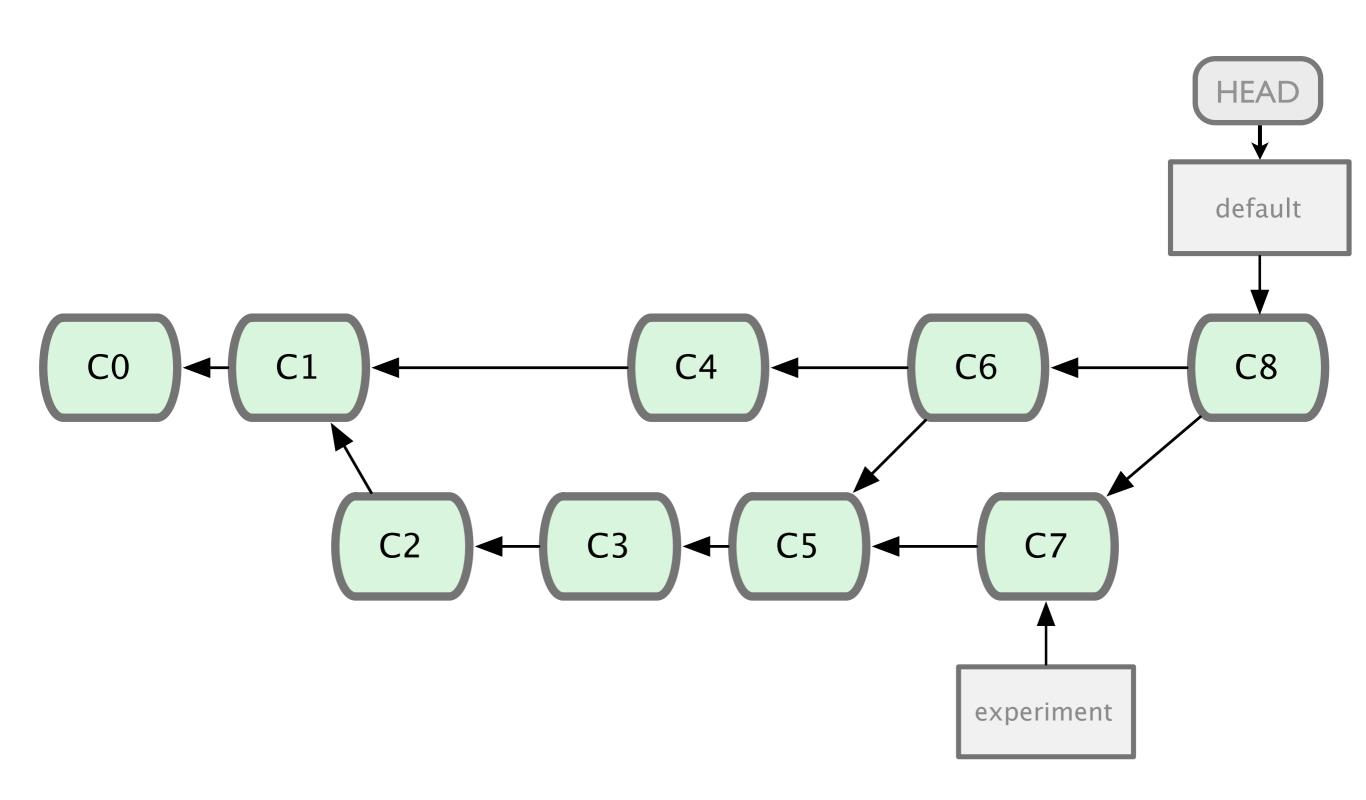






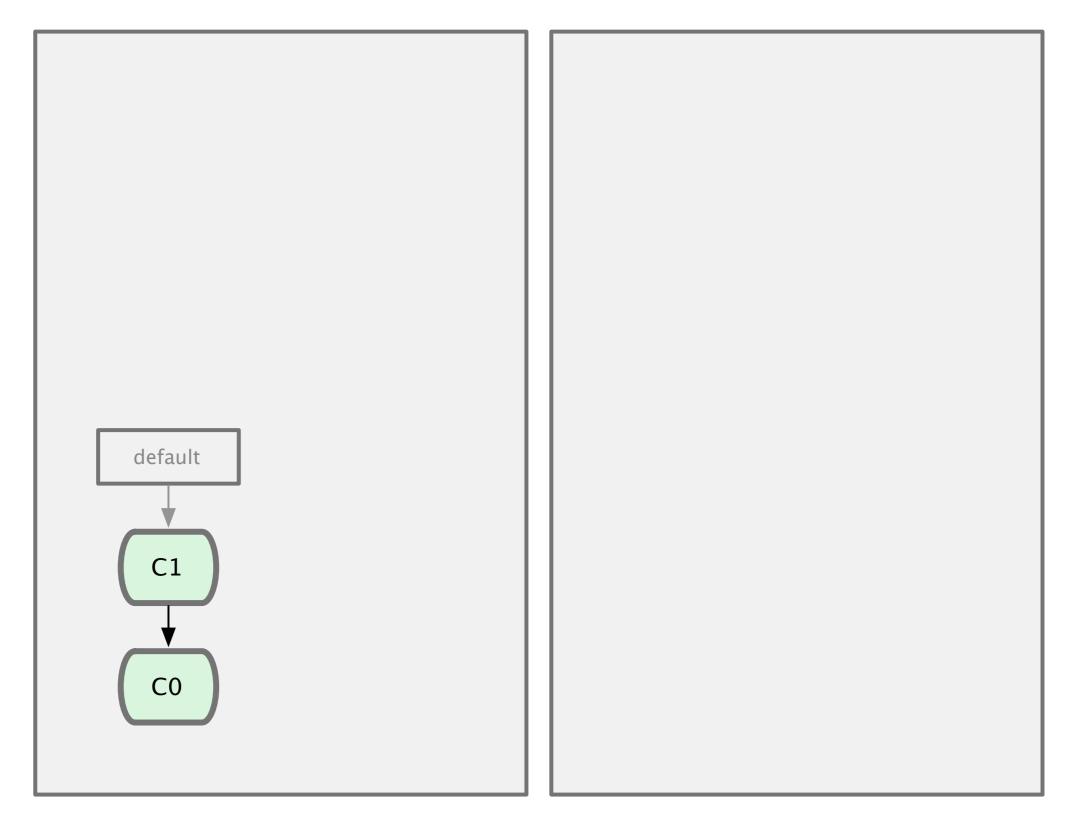


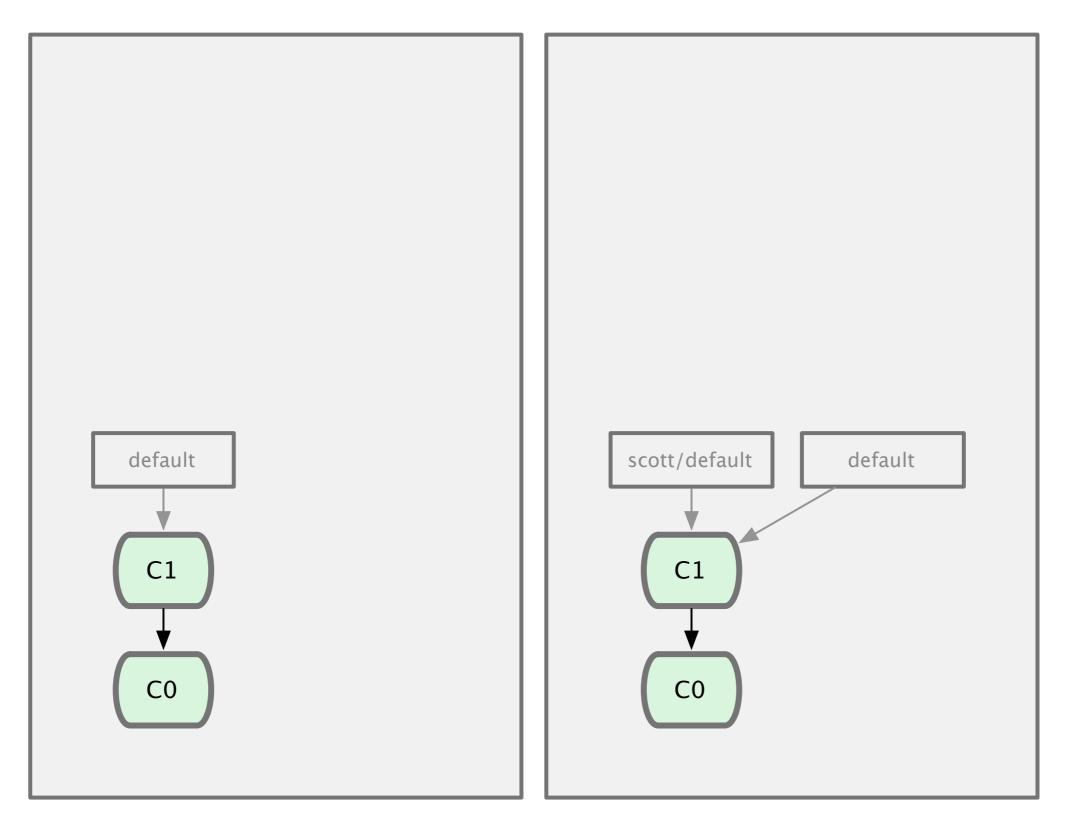
git checkout default

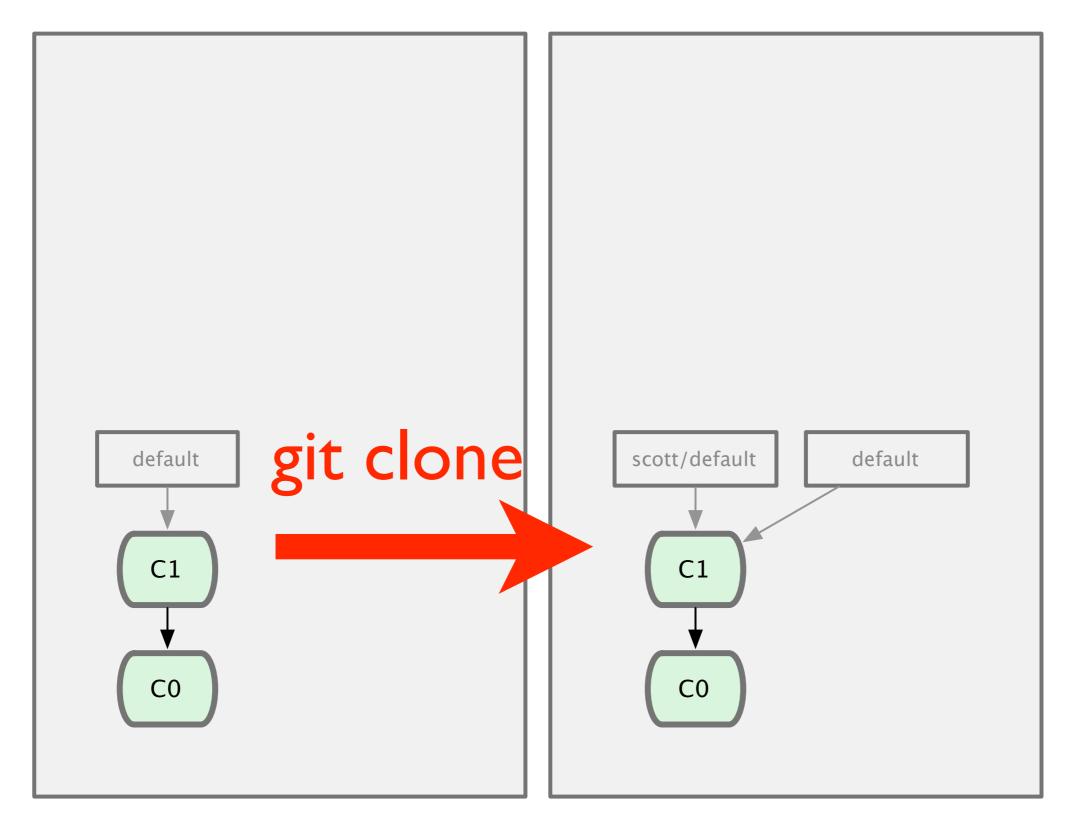


git merge experiment

Remotes Are Branches



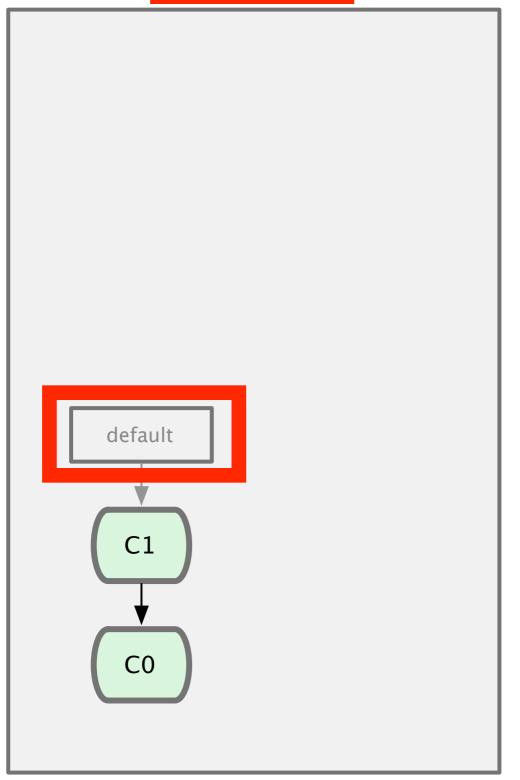


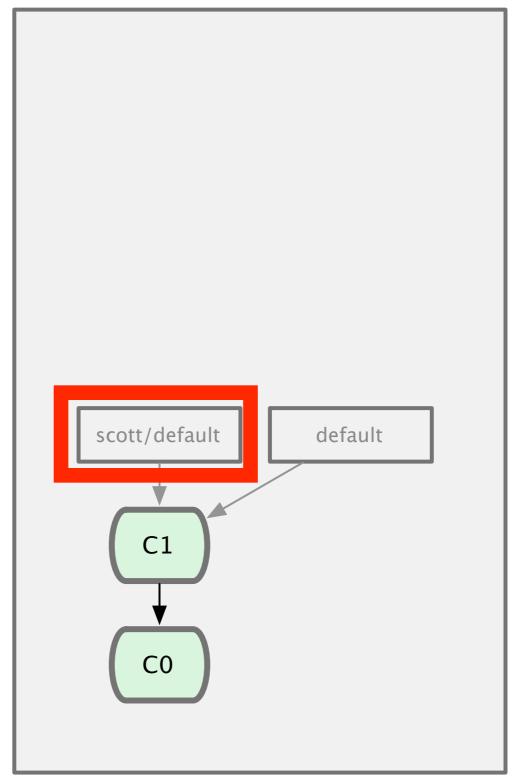


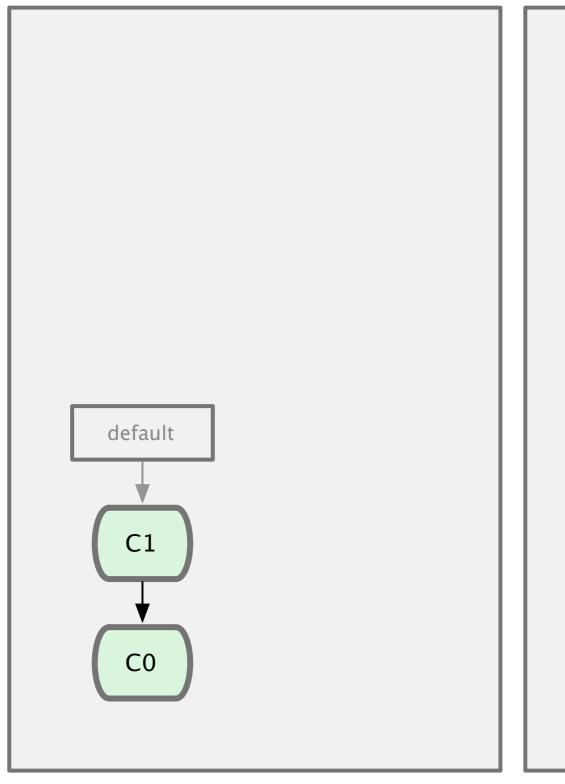


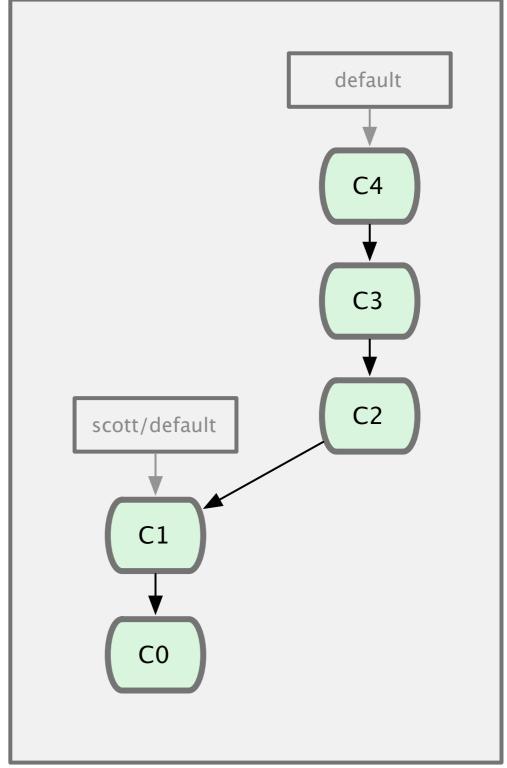
scott

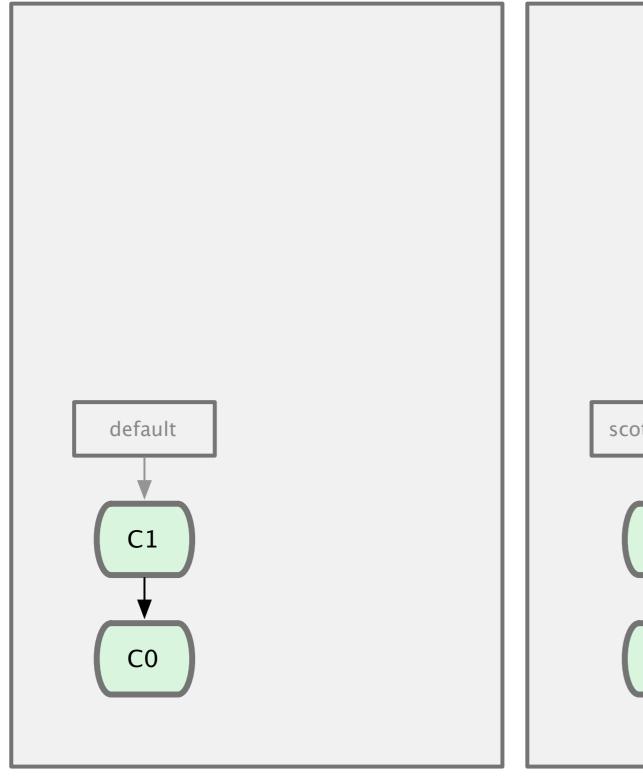
jessica

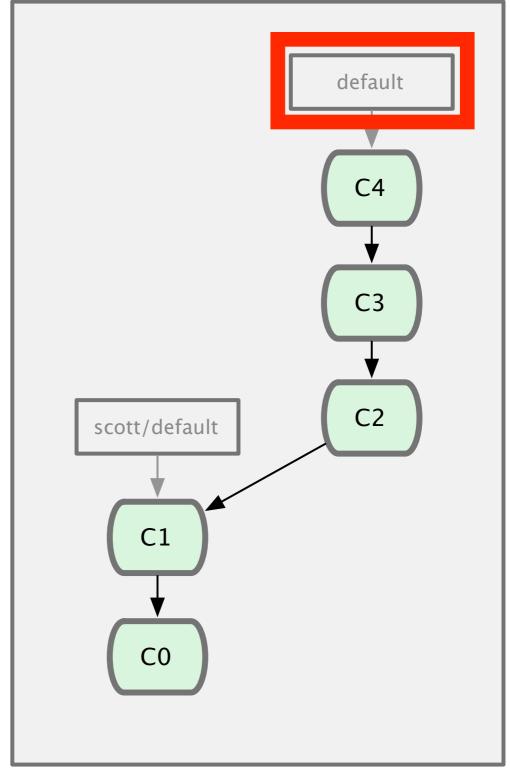


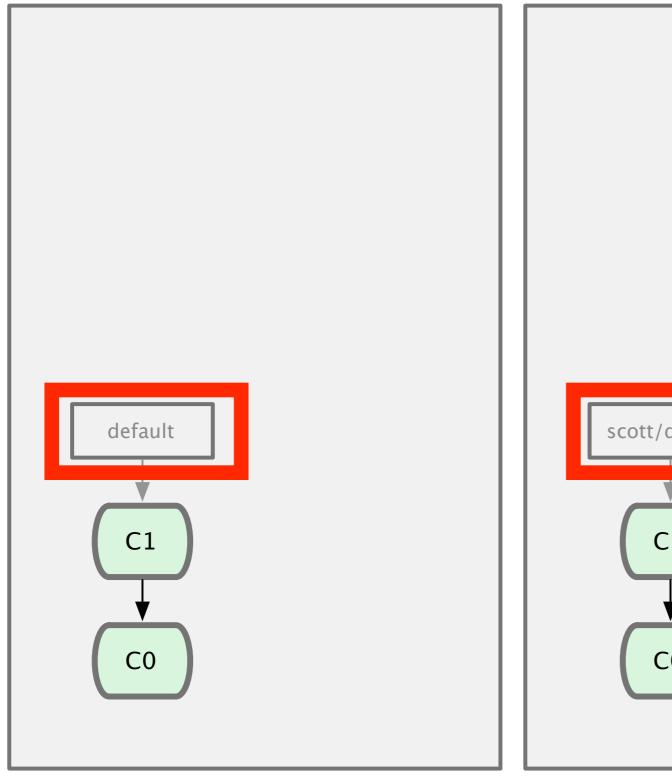


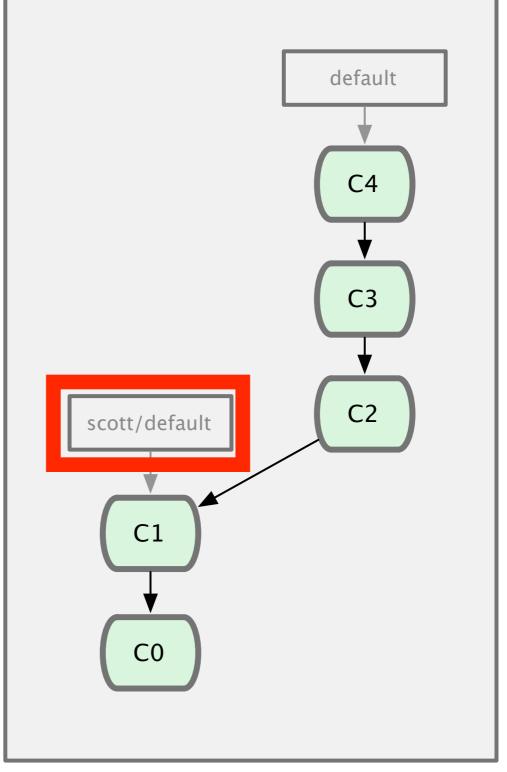


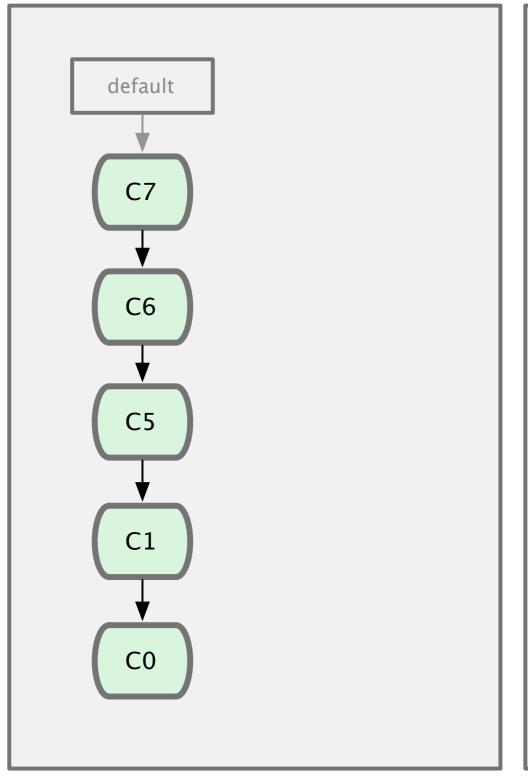


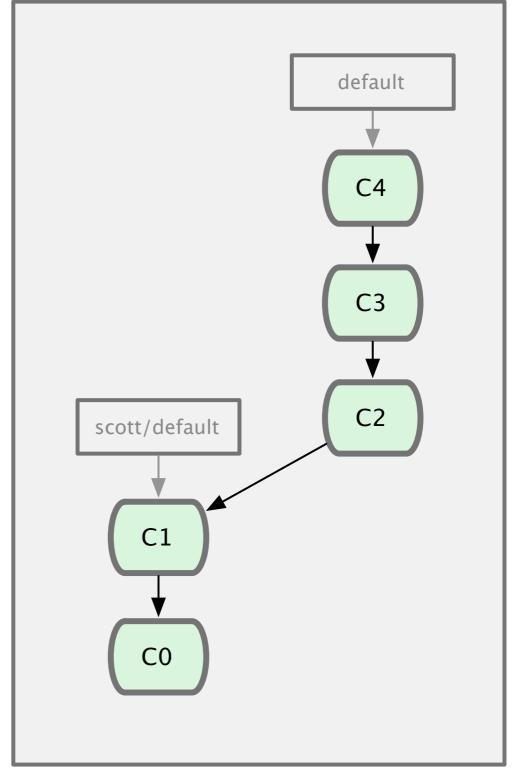


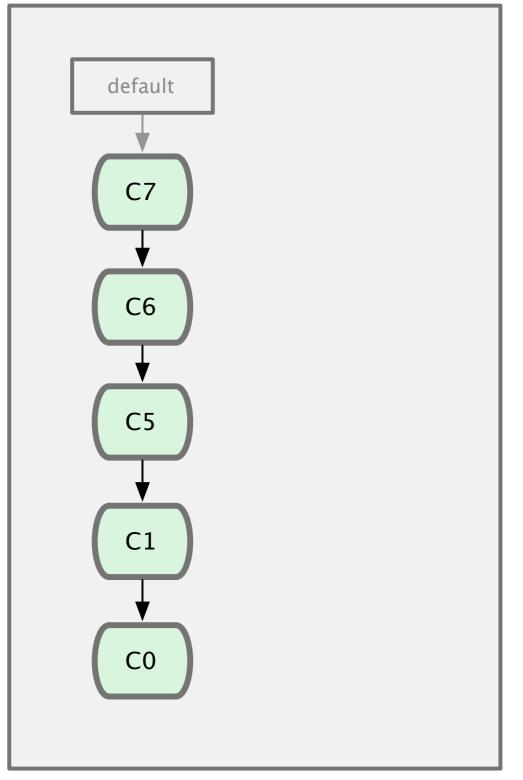


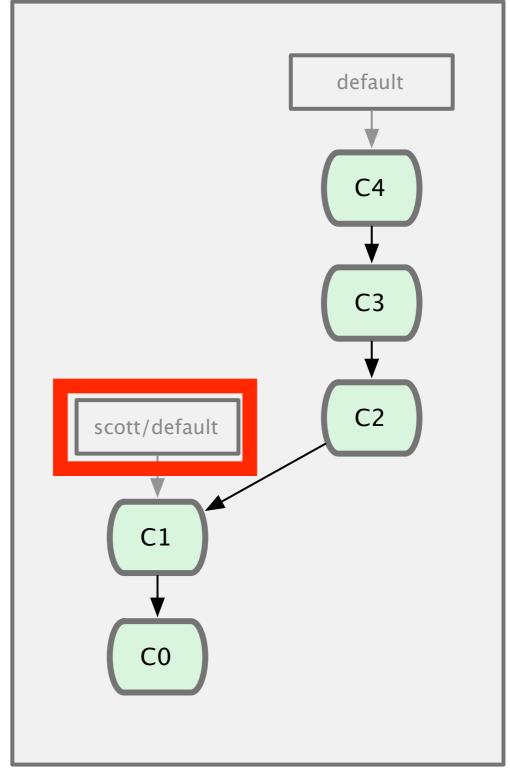


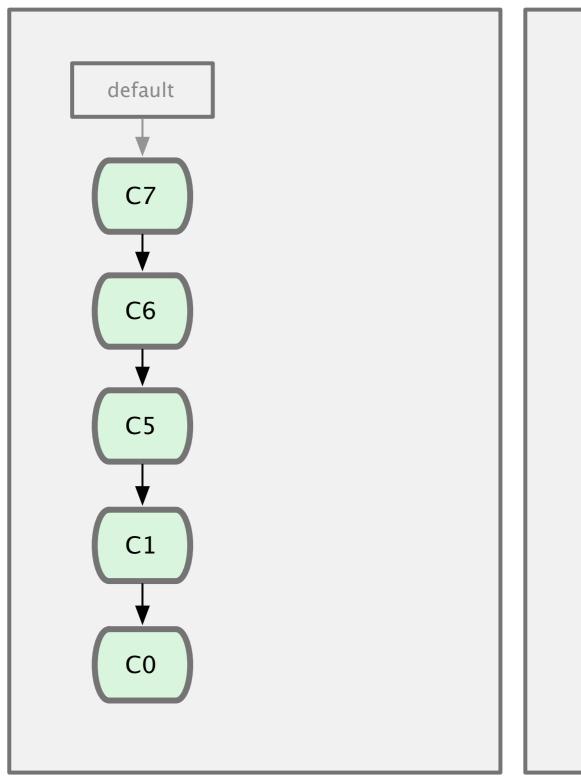


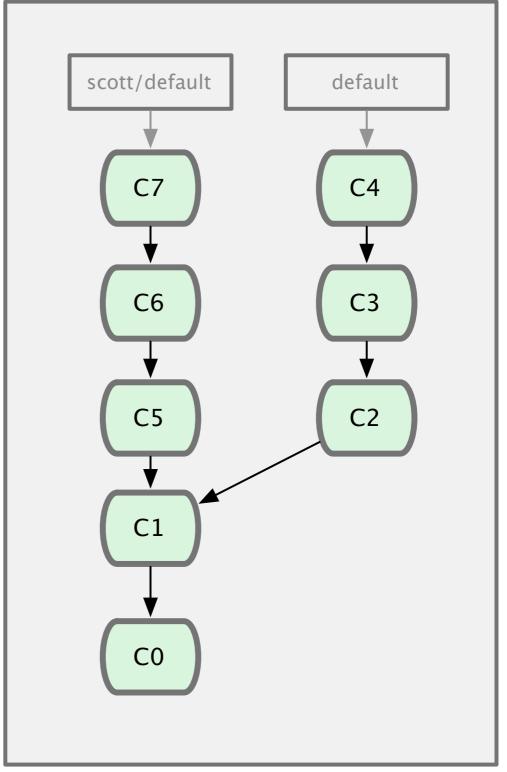


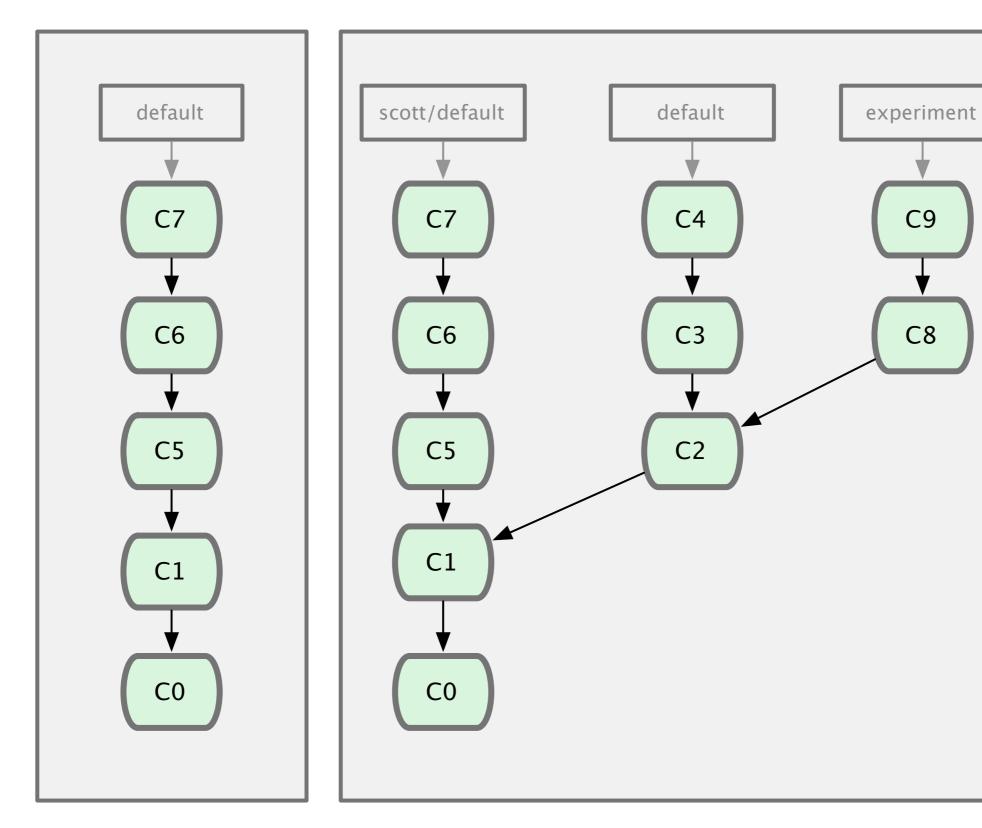


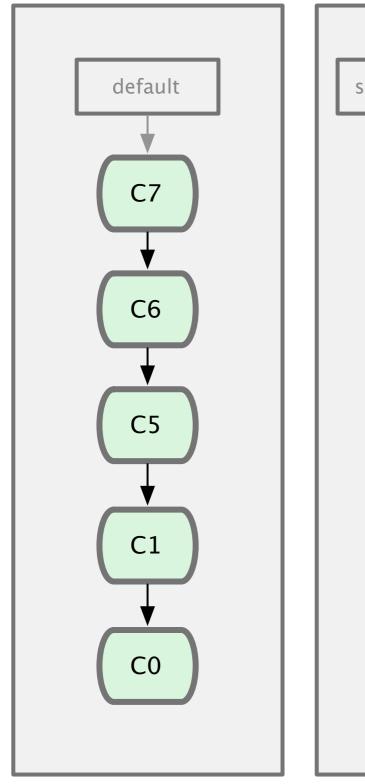


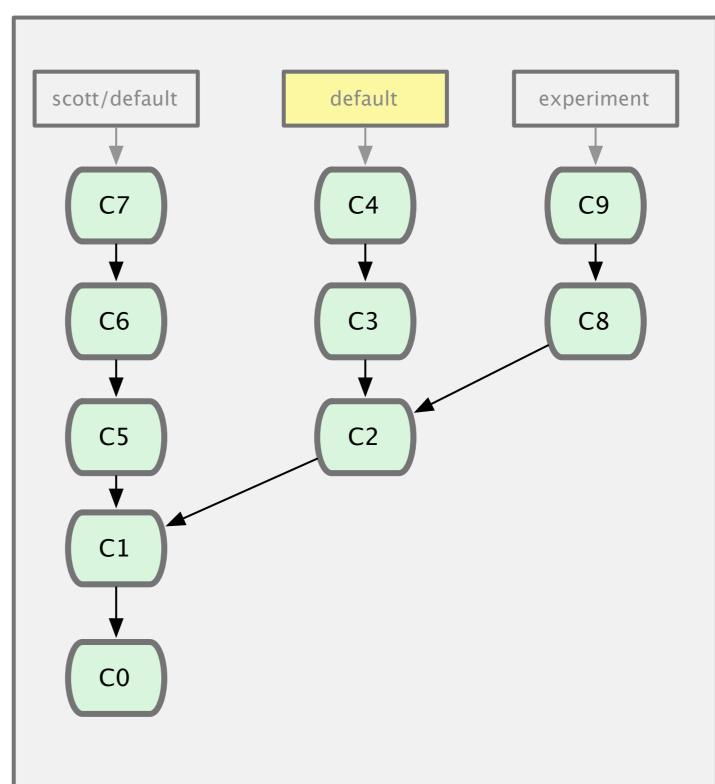


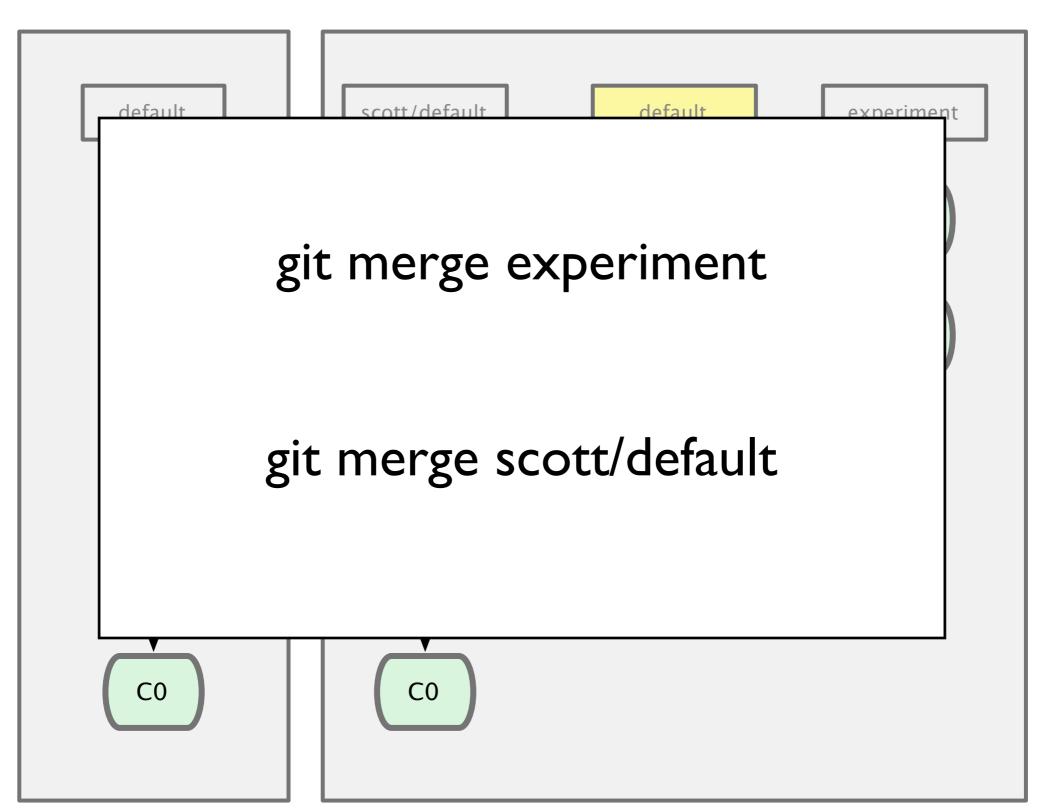


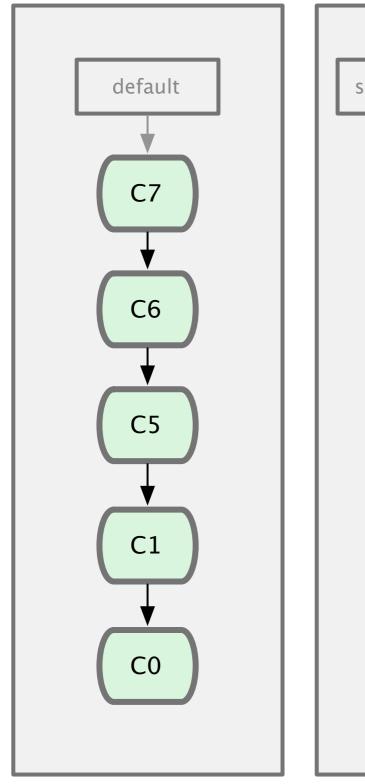


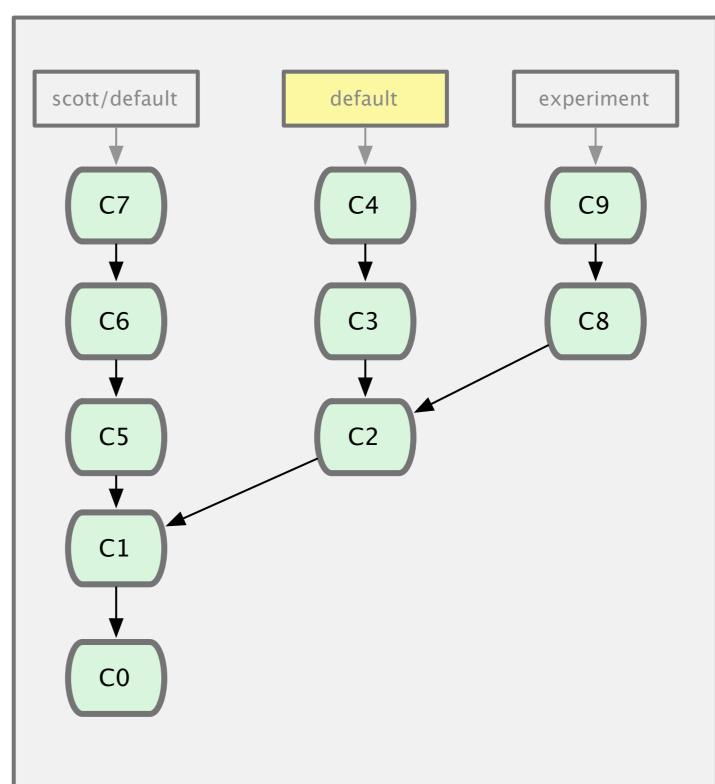


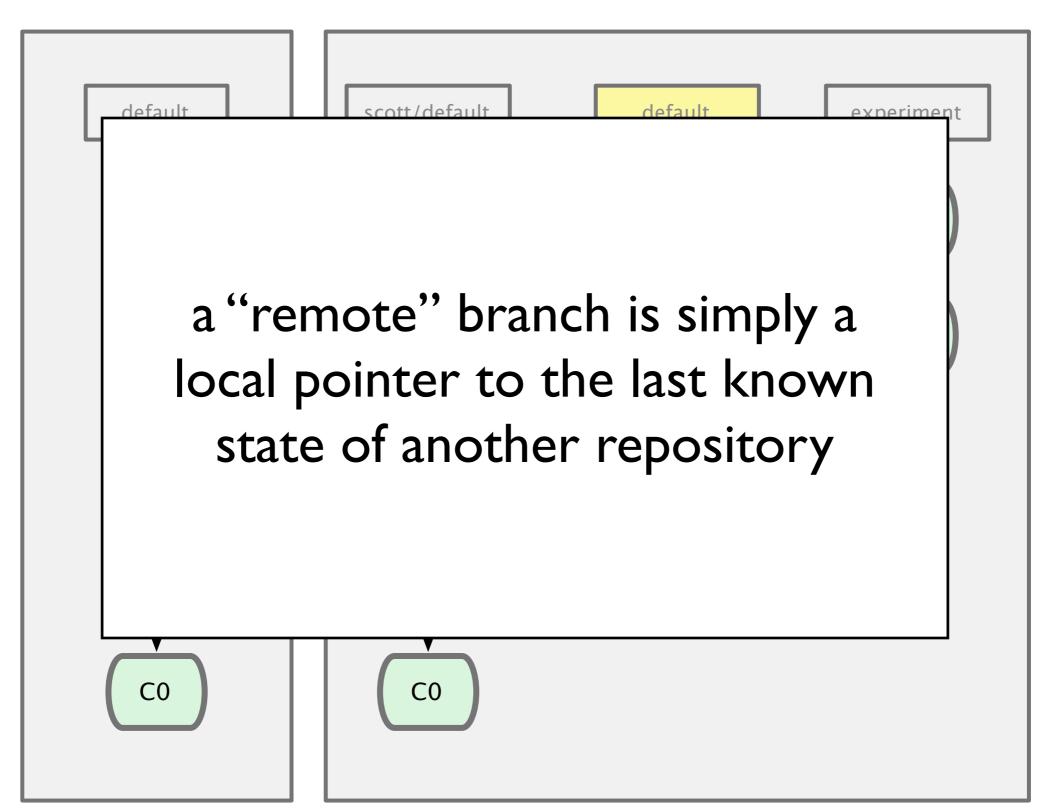












Why is this cool?

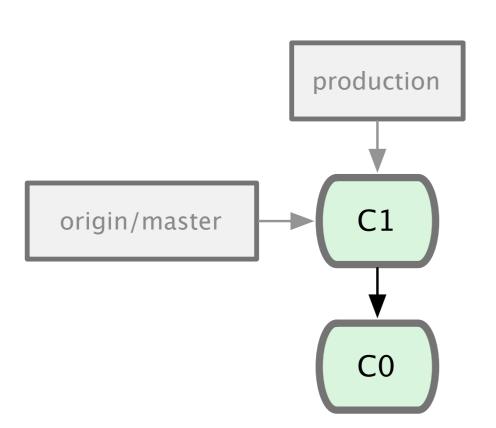
HAVE YOU SEEN THIS CAT?



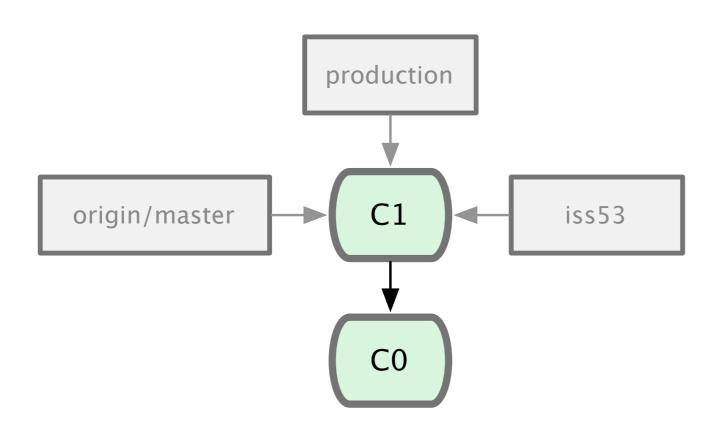
BECAUSE IT IS AWESOME

non-linear development

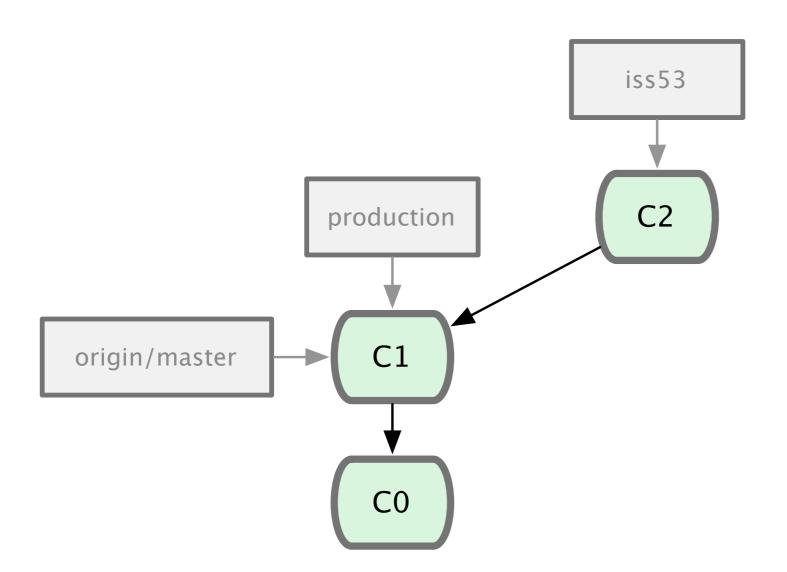
- clone the code that is in production
- create a branch for issue #53 (iss53)
- work for 10 minutes
- someone asks for a hotfix for issue #102
- checkout 'production'
- create a branch (iss I 02)
- fix the issue
- checkout 'production', merge 'iss I 02'
- push 'production'
- checkout 'iss53' and keep working



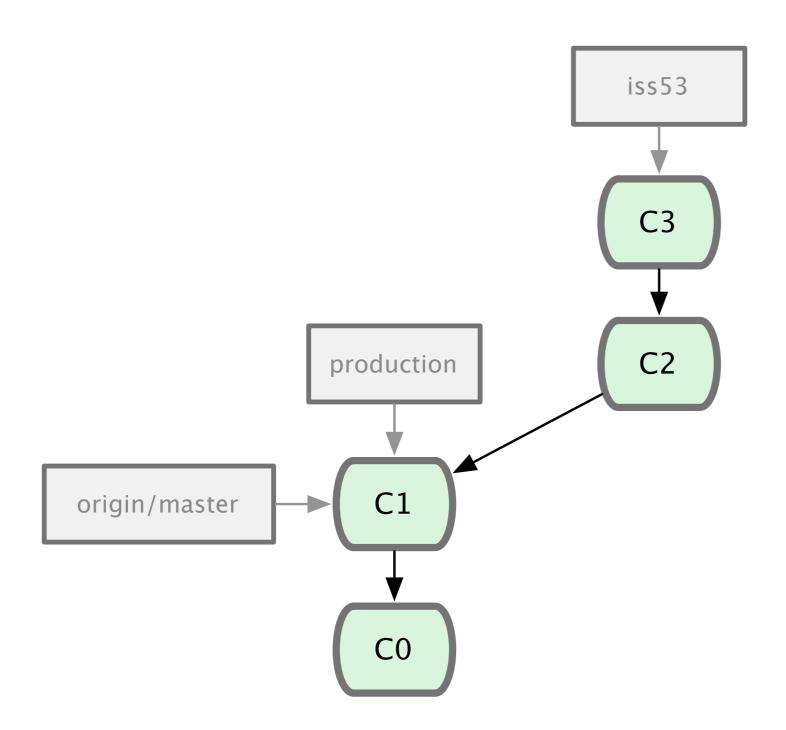
git clone



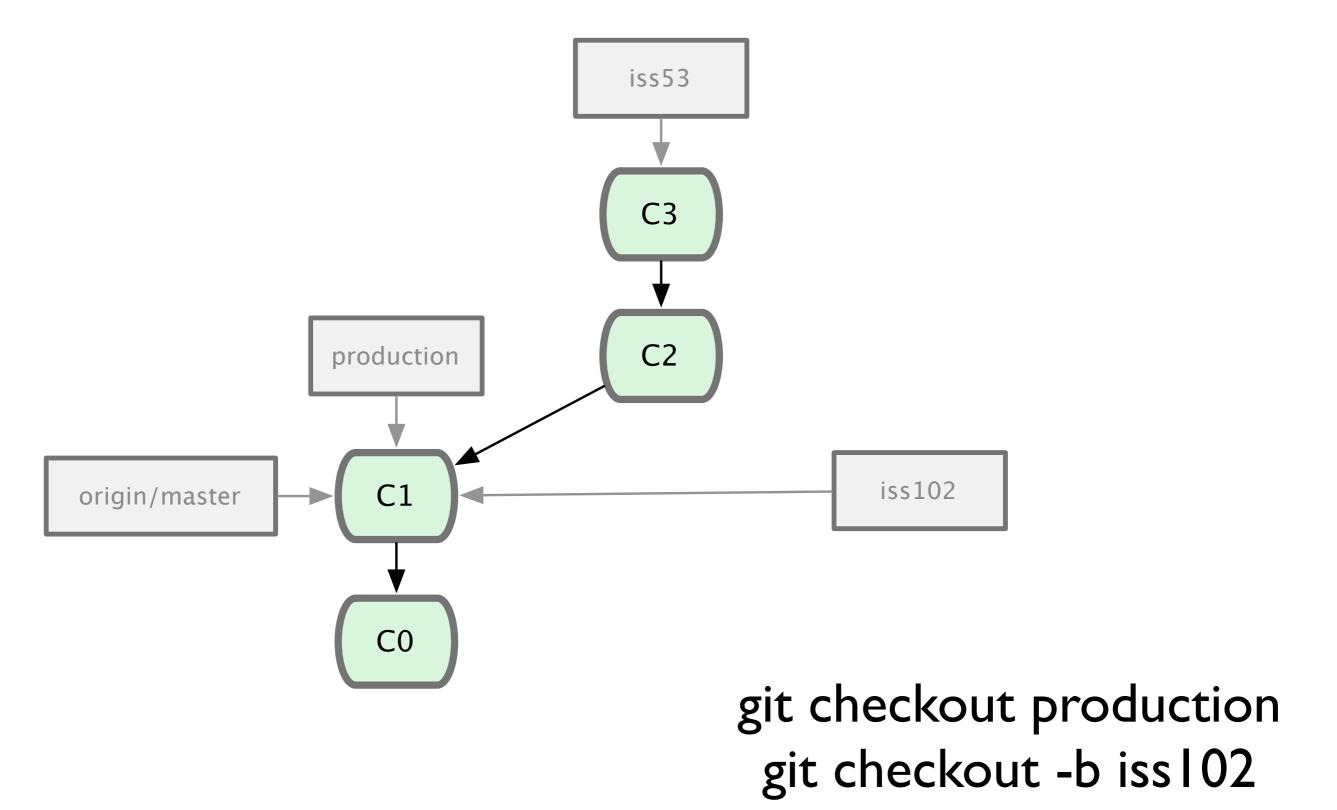
git checkout -b iss53

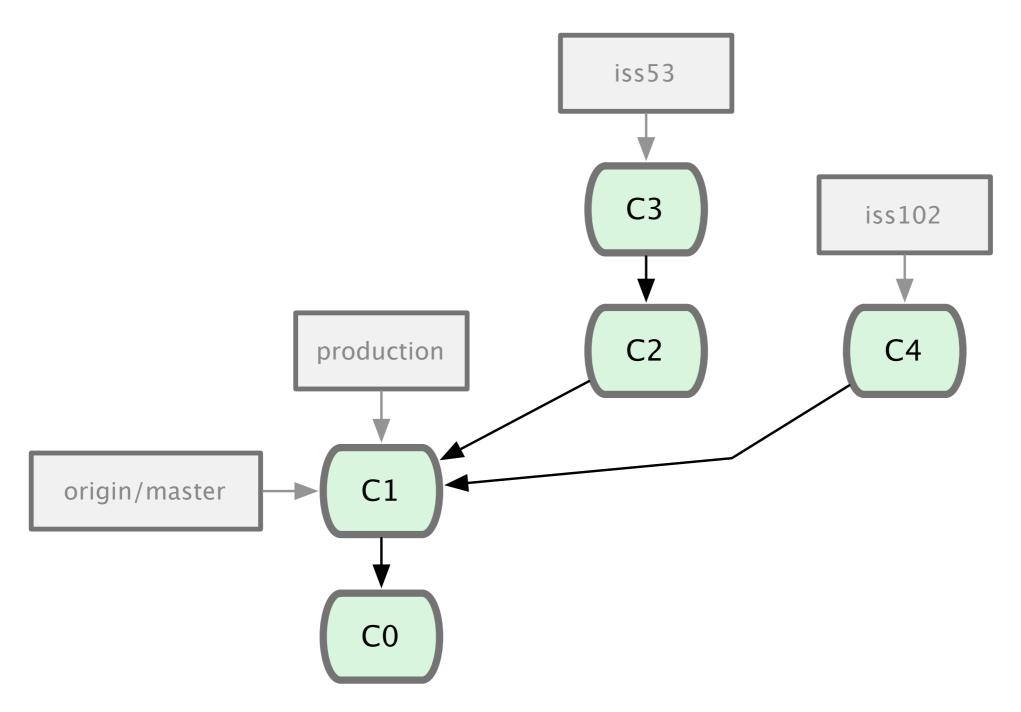


git commit

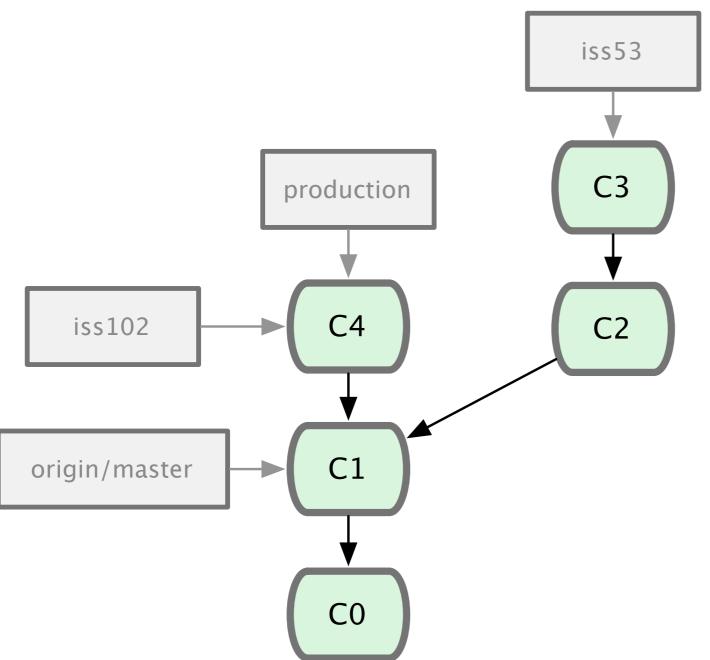


git commit

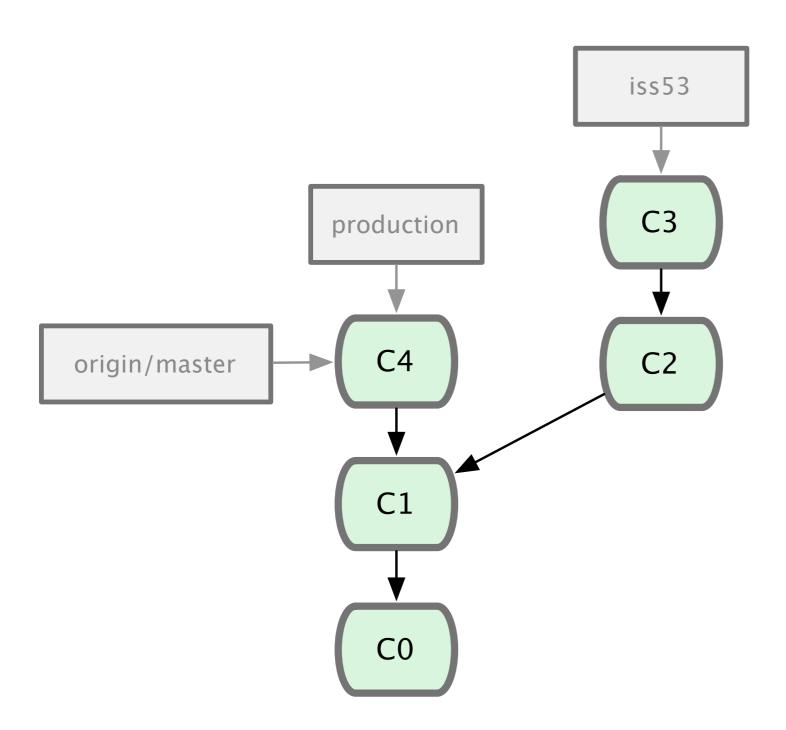




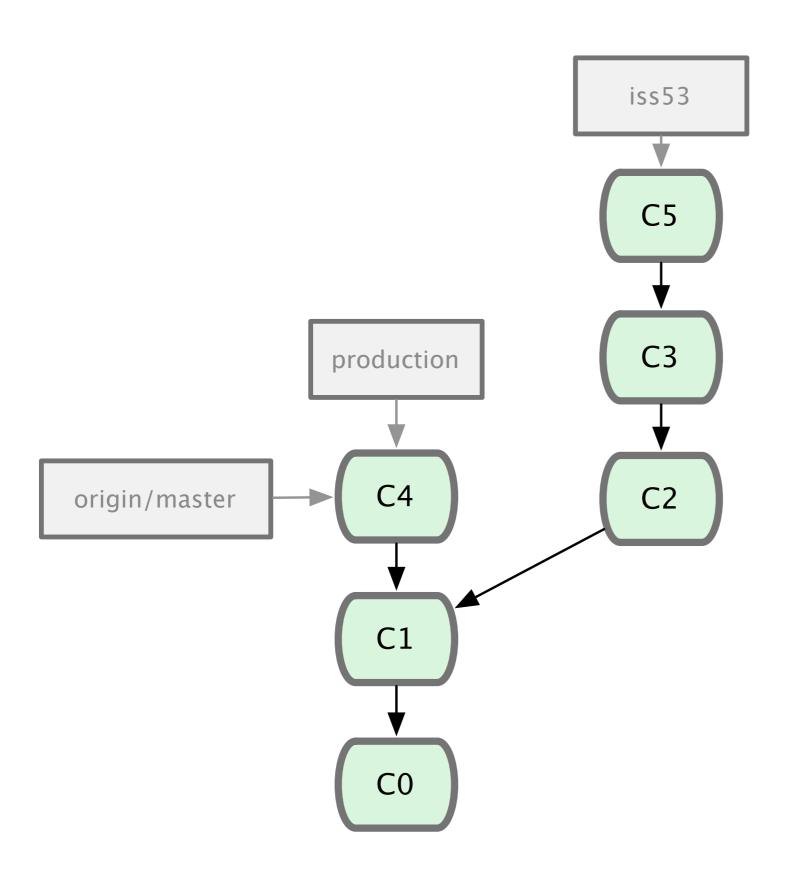
git commit



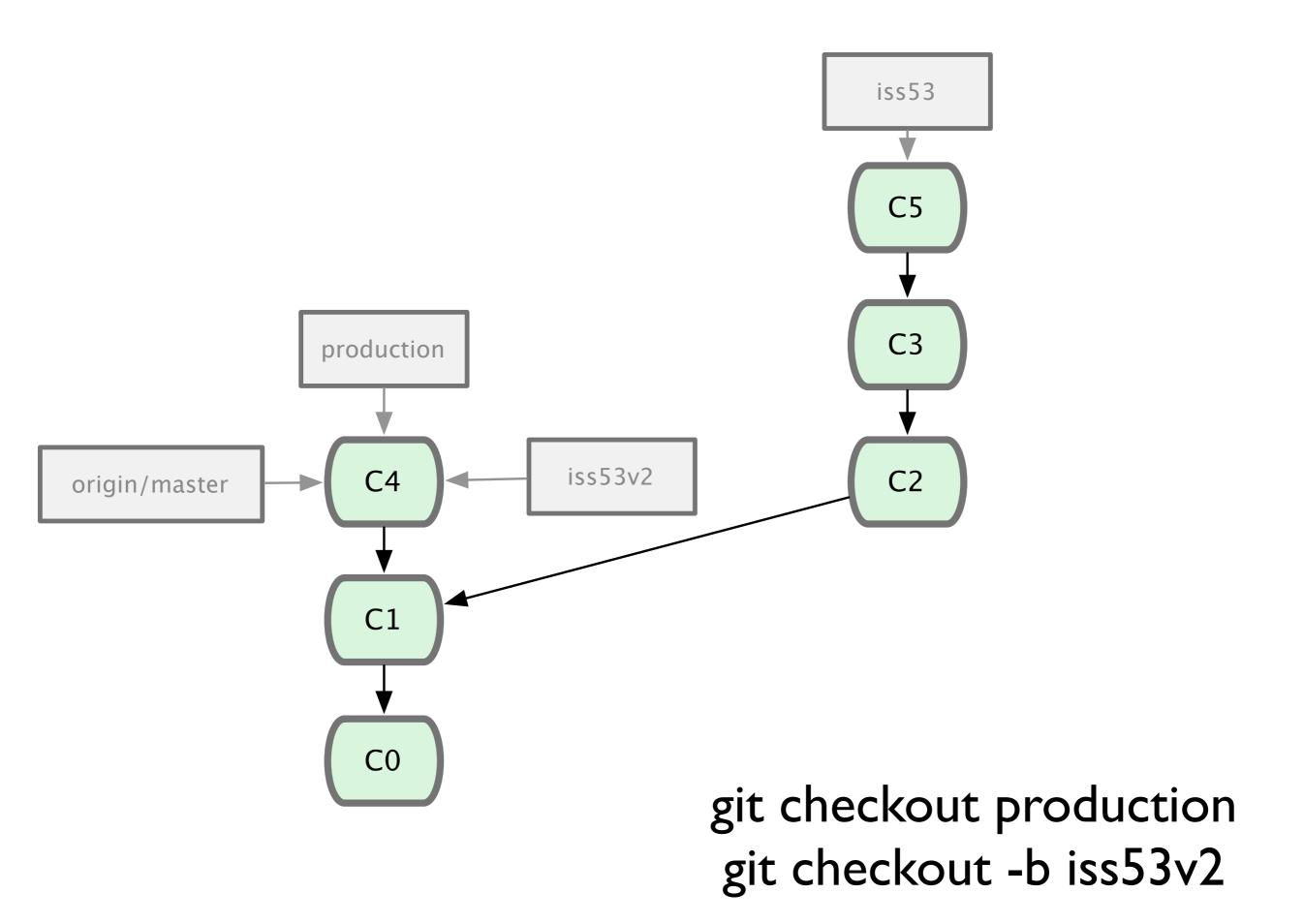
git checkout production git merge iss 102

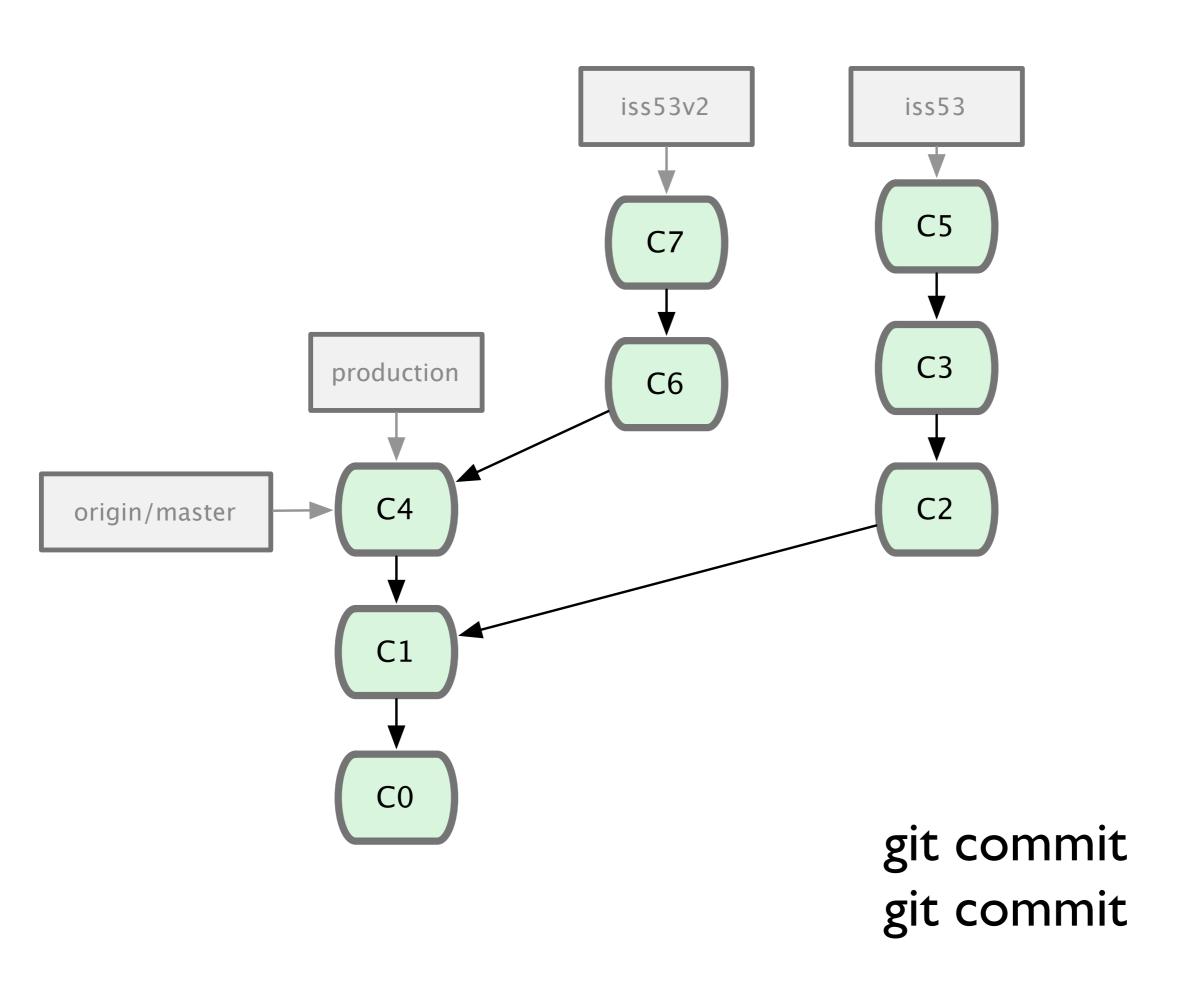


git push



git checkout iss53 git commit





try out an idea

isolate work units

long running topics

Stashing

when a commit is too much

\$ git status

```
$ git status
# On branch iss53
# Changed but not updated:
# (use "git add <file>..." to update what will be committed)
# (use "git checkout -- <file>..." to discard changes in working
directory)
#
# modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
# no changes added to commit (use "git add" and/or "git commit -a")
```

```
$ git status
# On branch iss53
# Changed but not updated:
#
   (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
#
 modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
```

```
$ git status
# On branch iss53
# Changed but not updated:
#
  (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
Saved working directory and index state "WIP on iss53: c8208f9...
 Merge branch 'cupcake'"
HEAD is now at c8208f9 Merge branch 'cupcake'
(To restore them type "git stash apply")
```

```
$ git status
# On branch iss53
# Changed but not updated:
#
  (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
#
 modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
Saved working directory and index state "WIP on iss53: c8208f9...
 Merge branch 'cupcake'"
HEAD is now at c8208f9 Merge branch 'cupcake'
(To restore them type "git stash apply")
$ git status
# On branch iss53
nothing to commit (working directory clean)
```

```
$ git status
# On branch iss53
# Changed but not updated:
#
  (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
Saved working directory and index state "WIP on iss53: c8208f9...
 Merge branch 'cupcake'"
HEAD is now at c8208f9 Merge branch 'cupcake'
(To restore them type "git stash apply")
```

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$ git status
# On branch iss53
# Changed but not updated:
#
  (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
Saved working directory and index state "WIP on iss53: c8208f9...
 Merge branch 'cupcake'"
HEAD is now at c8208f9 Merge branch 'cupcake'
(To restore them type "git stash apply")
$ git status
```

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# On branch iss53
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#
  (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
  modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
Saved working directory and index state "WIP on iss53: c8208f9...
 Merge branch 'cupcake'"
HEAD is now at c8208f9 Merge branch 'cupcake'
(To restore them type "git stash apply")
$ git status
# On branch iss53
nothing to commit (working directory clean)
```

```
$ git status
# On branch iss53
# Changed but not updated:
#
  (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
  modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash
Saved working directory and index state "WIP on iss53: c8208f9...
 Merge branch 'cupcake'"
HEAD is now at c8208f9 Merge branch 'cupcake'
(To restore them type "git stash apply")
$ git status
# On branch iss53
nothing to commit (working directory clean)
```

\$ git stash list

\$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'

```
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash apply
```

```
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash apply
# On branch iss53
# Changed but not updated:
    (use "git add <file>..." to update what will be committed)
#
    (use "git checkout -- <file>..." to discard changes in working
#
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
#
  modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
```

```
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash apply
# On branch iss53
# Changed but not updated:
   (use "git add <file>..." to update what will be committed)
   (use "git checkout -- <file>..." to discard changes in working
directory)
#
#
  modified: src/com/android/alarmclock/AlarmAlert.java
#
  modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash list
```

```
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash apply
# On branch iss53
# Changed but not updated:
   (use "git add <file>..." to update what will be committed)
 (use "git checkout -- <file>..." to discard changes in working
directory)
#
# modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
```

```
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash apply
# On branch iss53
# Changed but not updated:
 (use "git add <file>..." to update what will be committed)
 (use "git checkout -- <file>..." to discard changes in working
directory)
#
# modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash drop stash@{0}
```

```
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash apply
# On branch iss53
# Changed but not updated:
 (use "git add <file>..." to update what will be committed)
 (use "git checkout -- <file>..." to discard changes in working
directory)
#
# modified: src/com/android/alarmclock/AlarmAlert.java
# modified: src/com/android/alarmclock/AlarmAlertWakeLock.java
#
no changes added to commit (use "git add" and/or "git commit -a")
$ git stash list
stash@{0}: WIP on iss53: c8208f9... Merge branch 'cupcake'
$ git stash drop stash@{0}
Dropped stash@{0} (e19b0e94032d0614f450238f91953fe5e7e454a8)
```

git stash

save

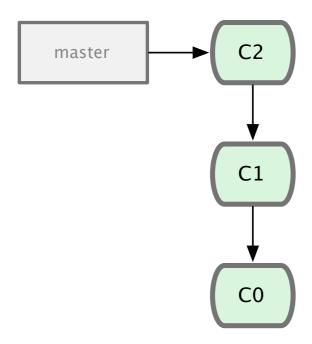
list

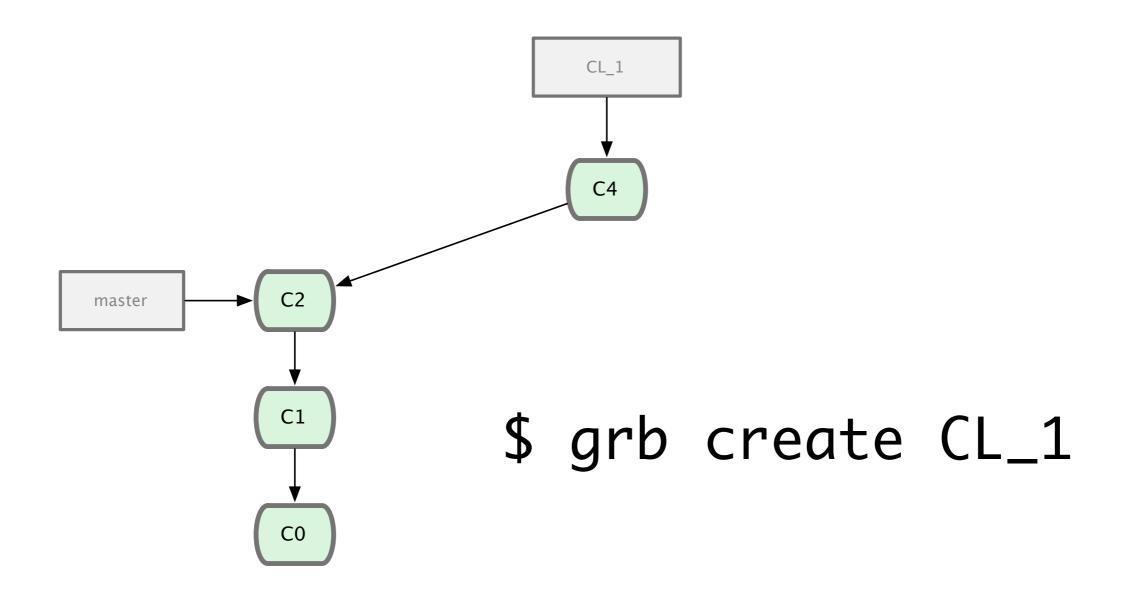
drop

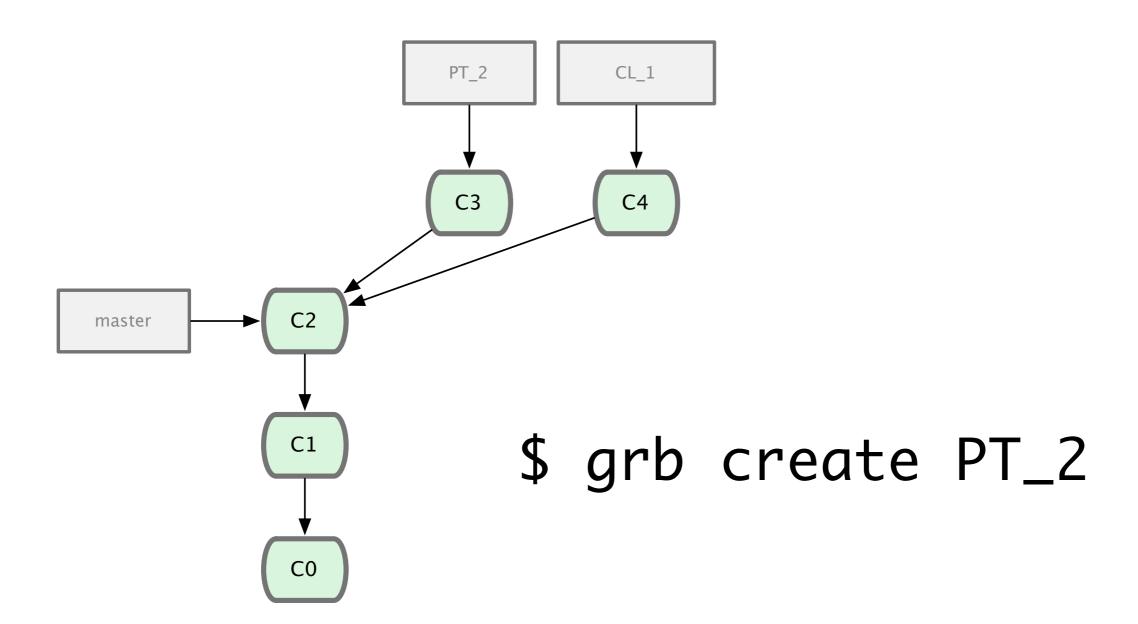
pop

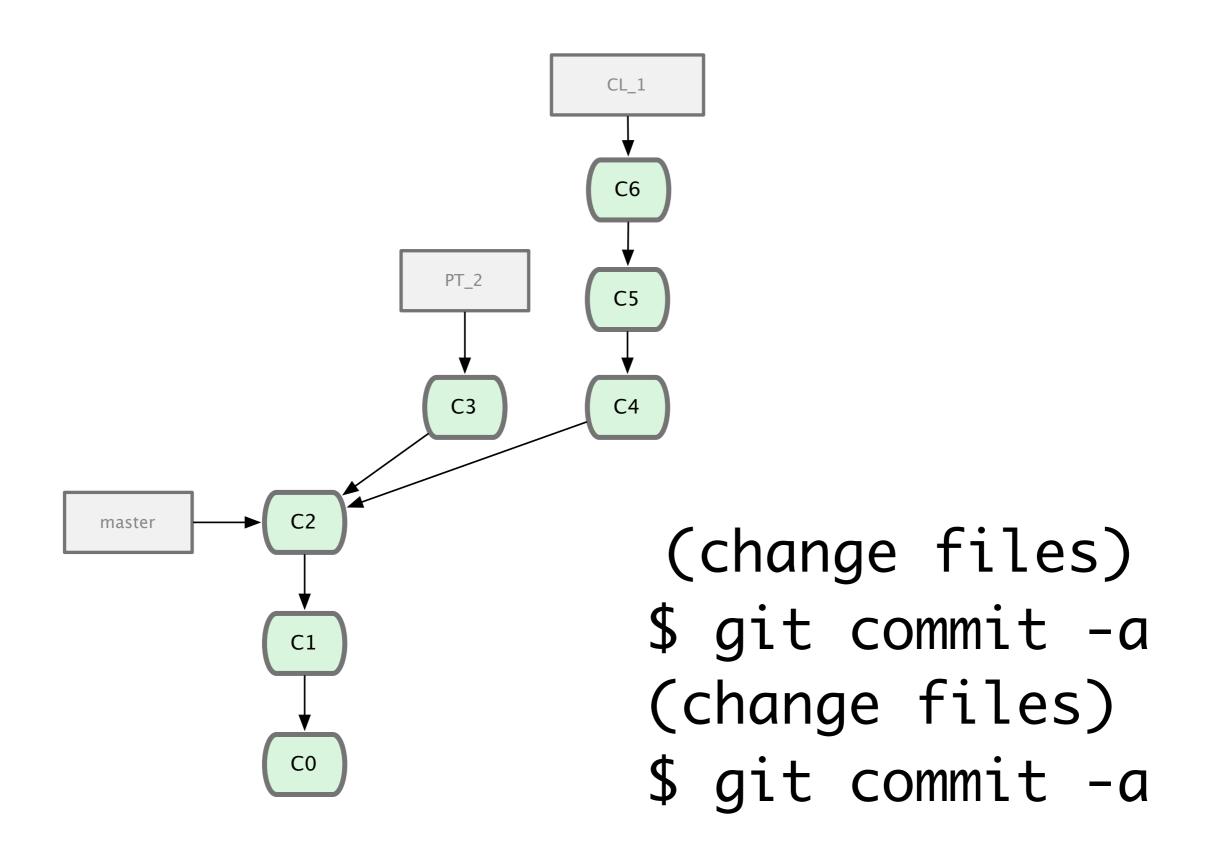
apply

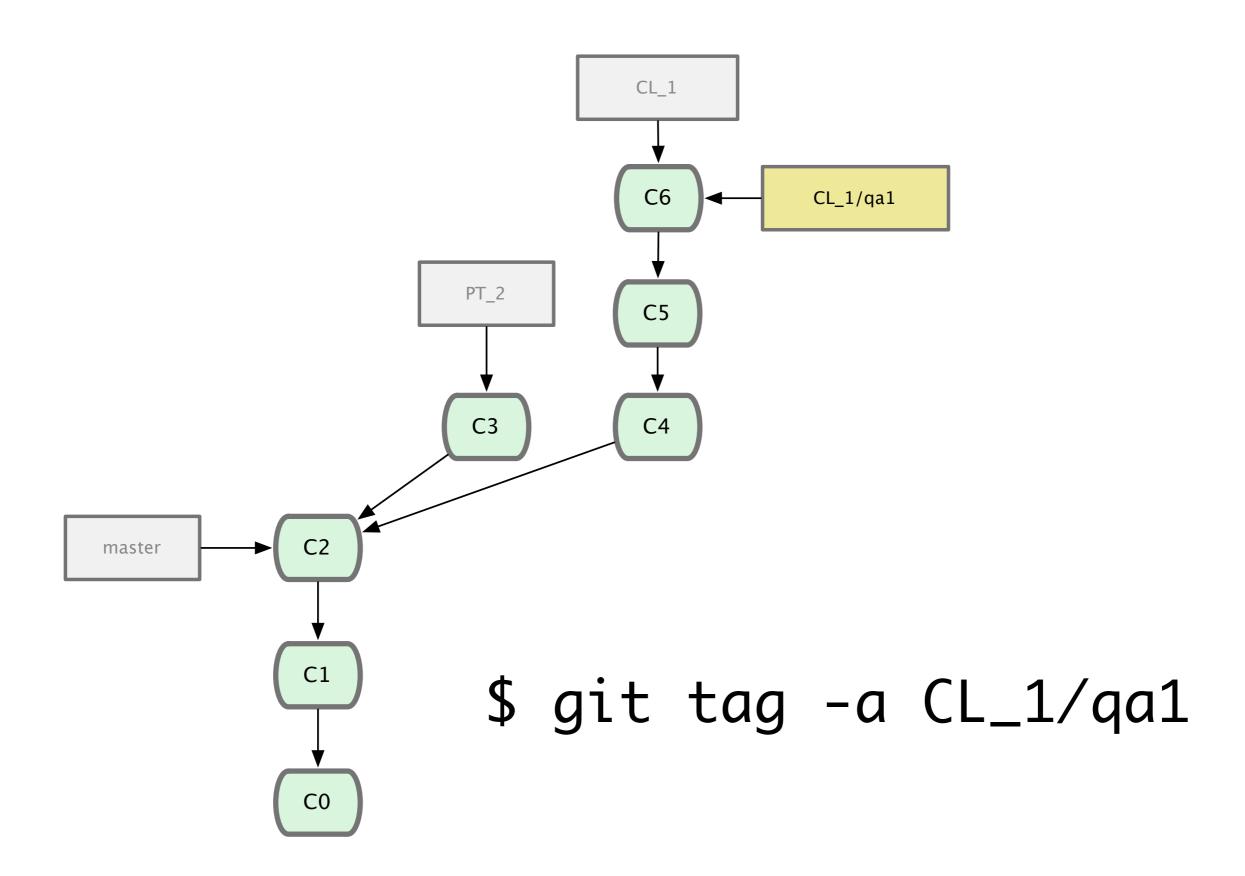
another example

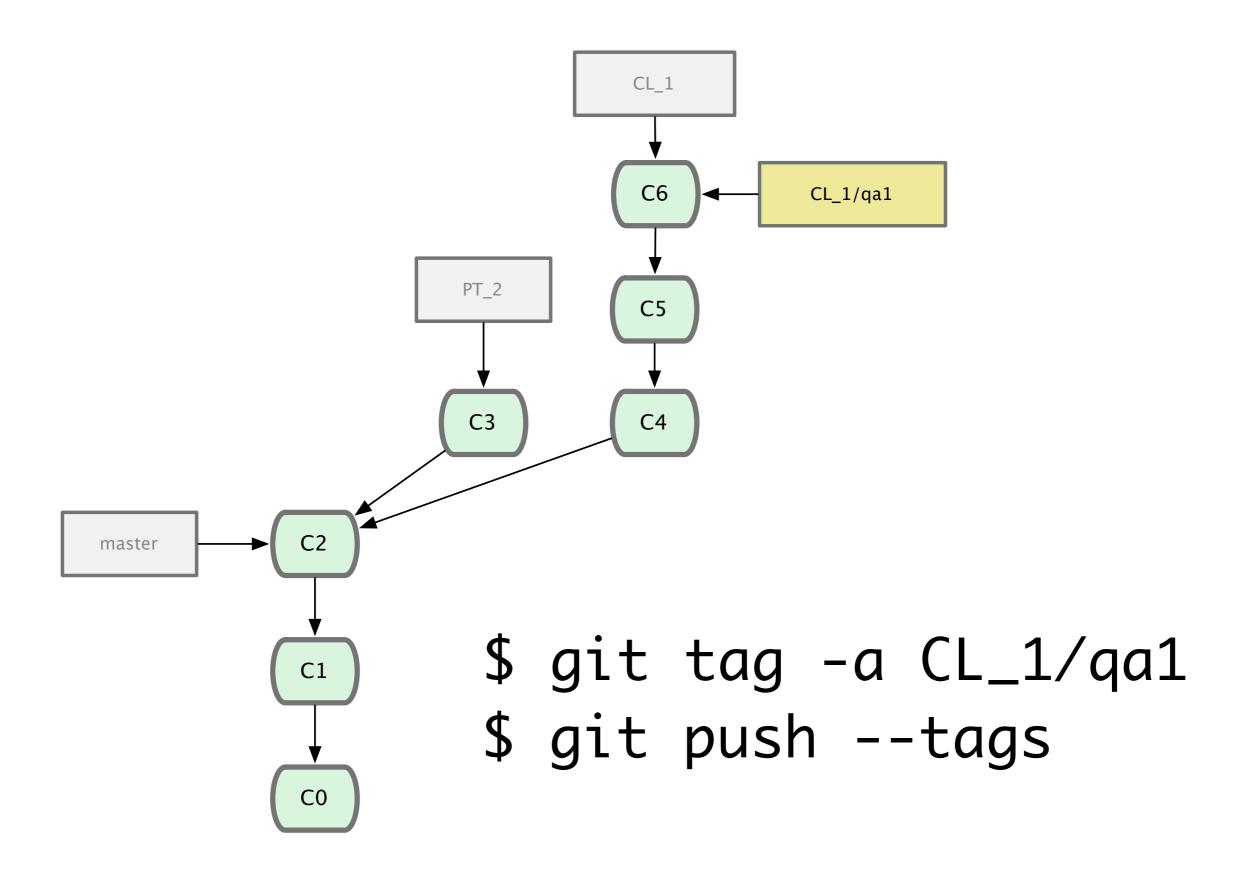


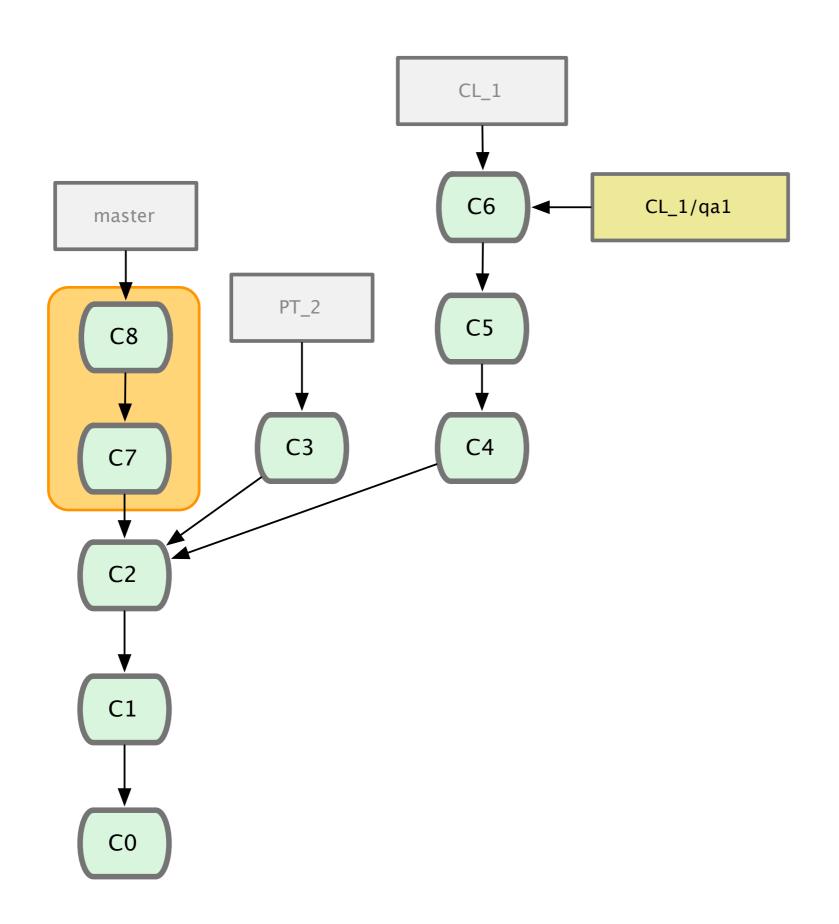


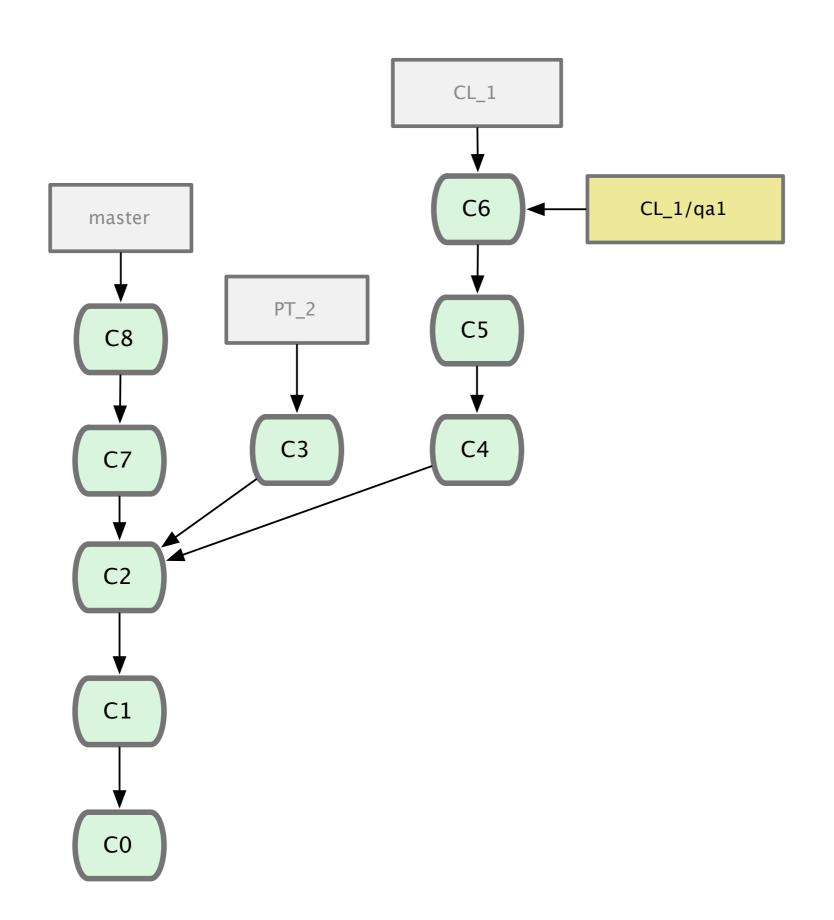


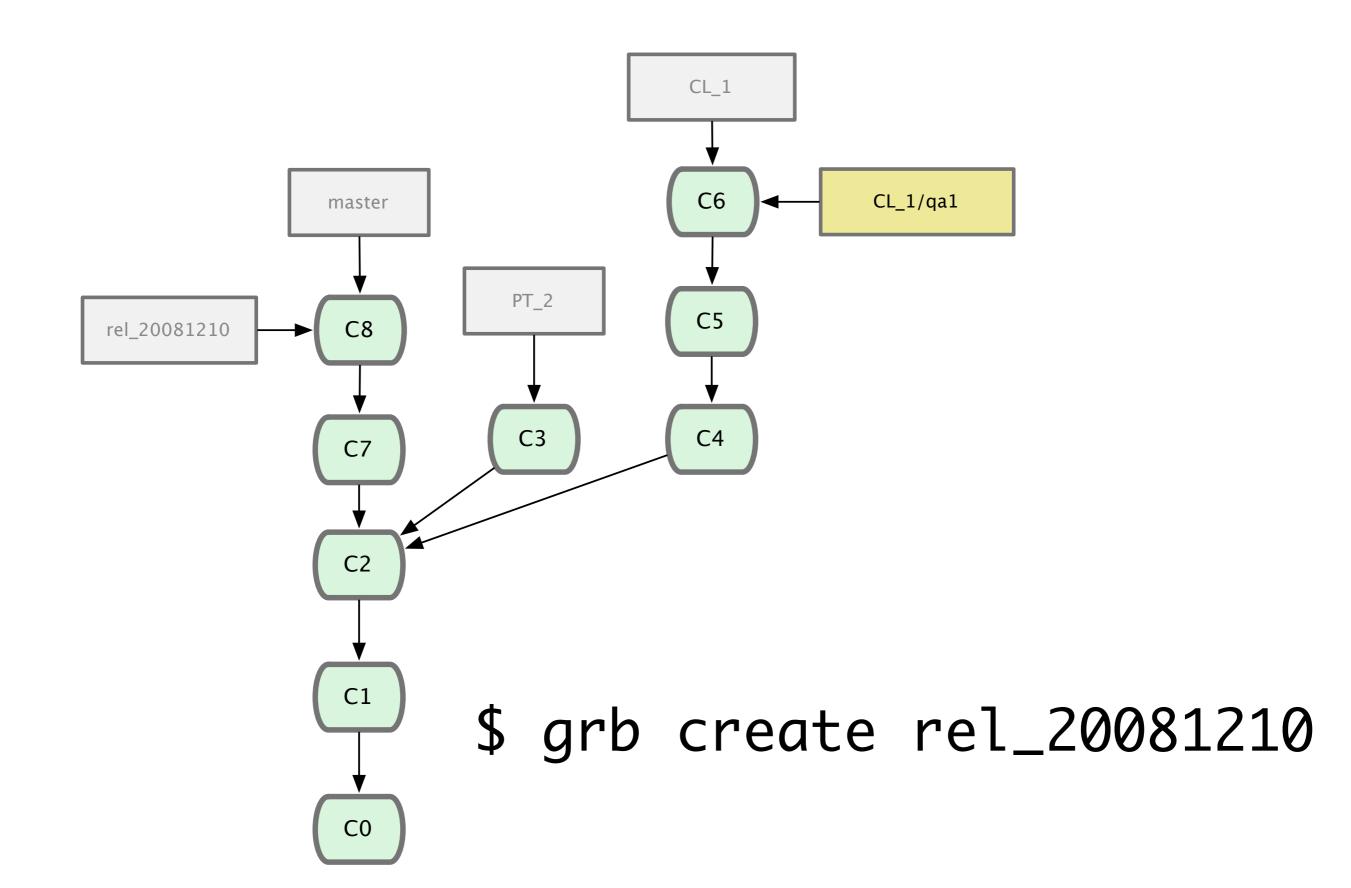


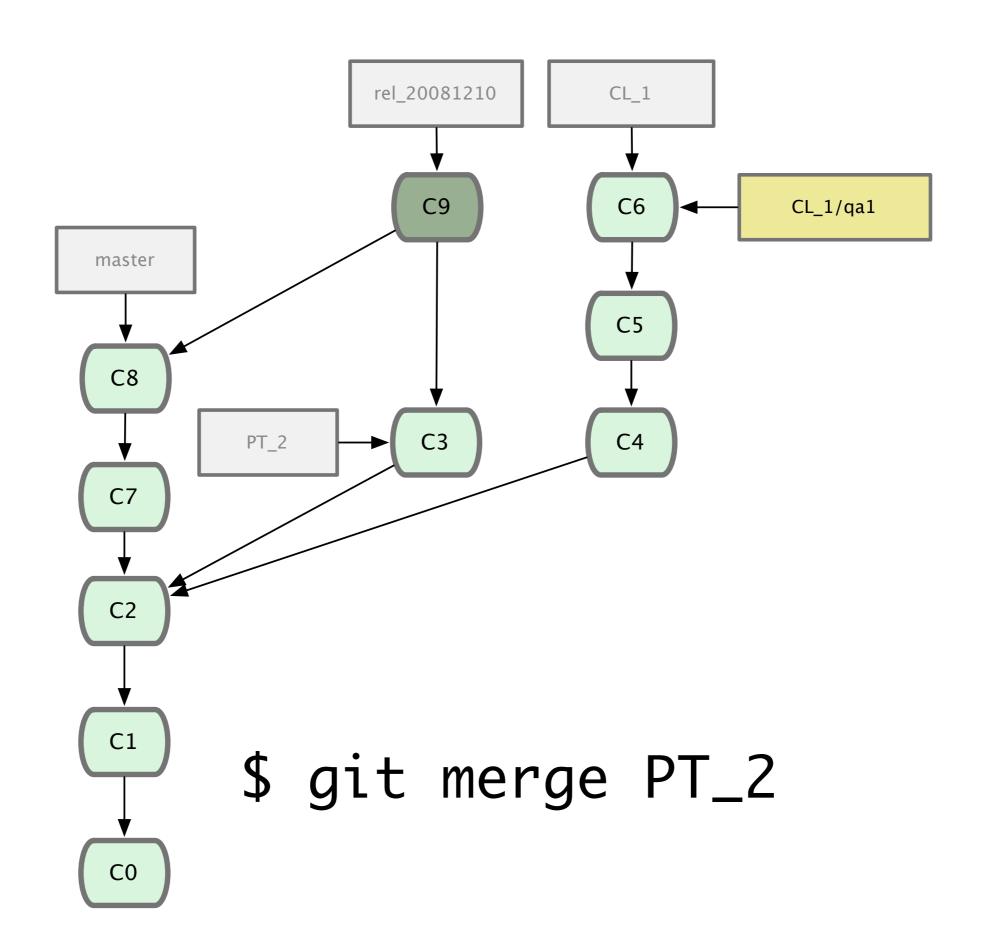


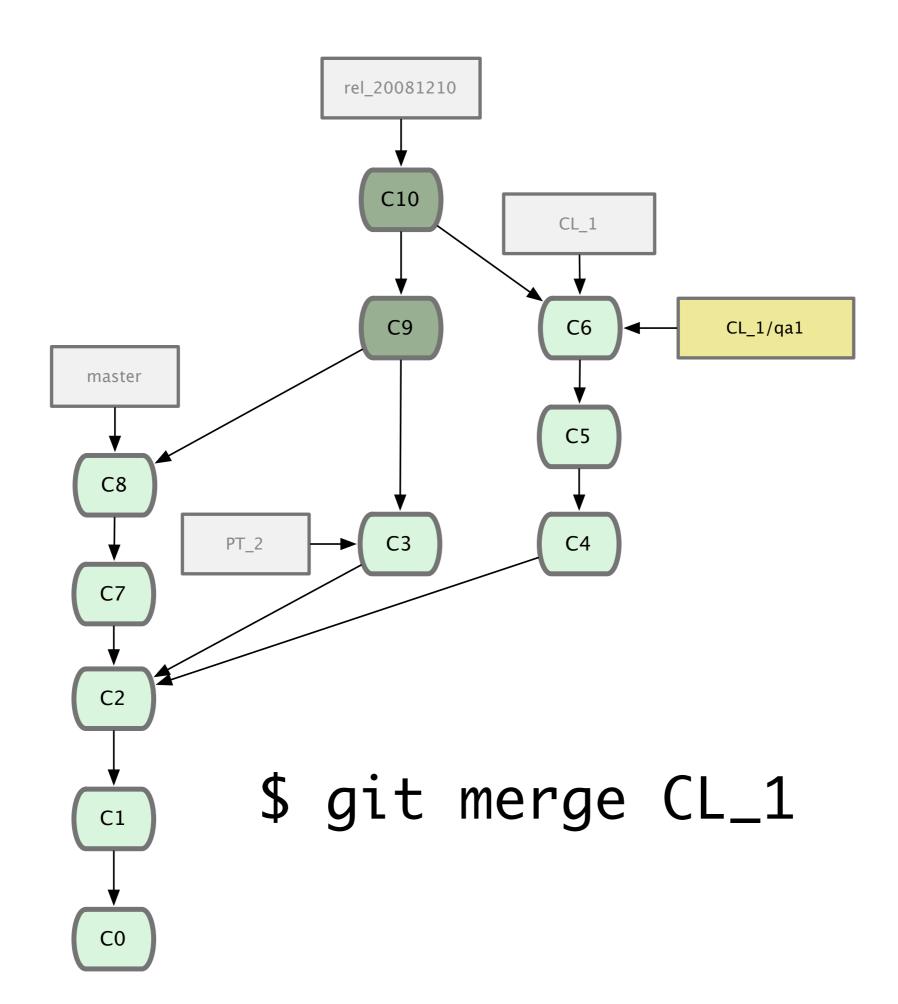


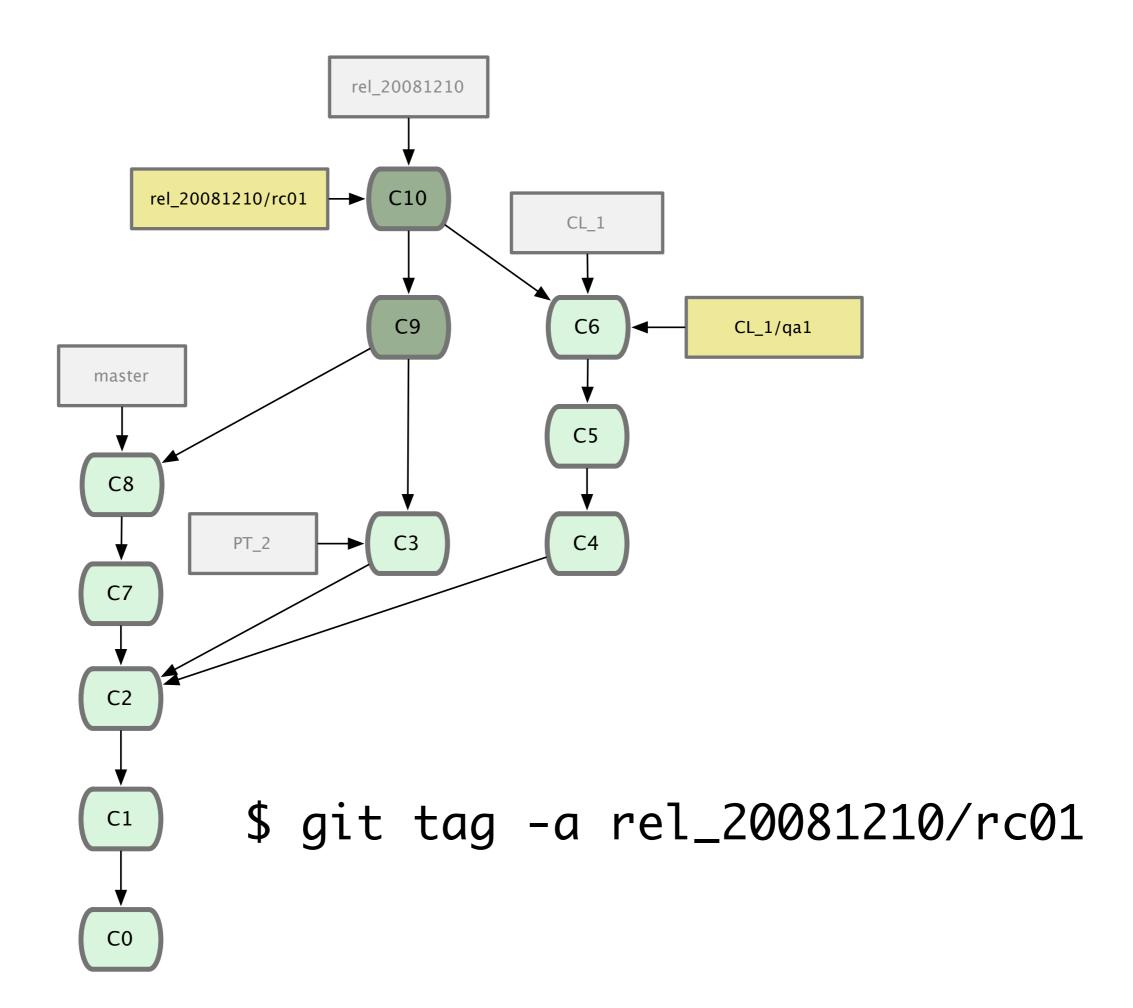


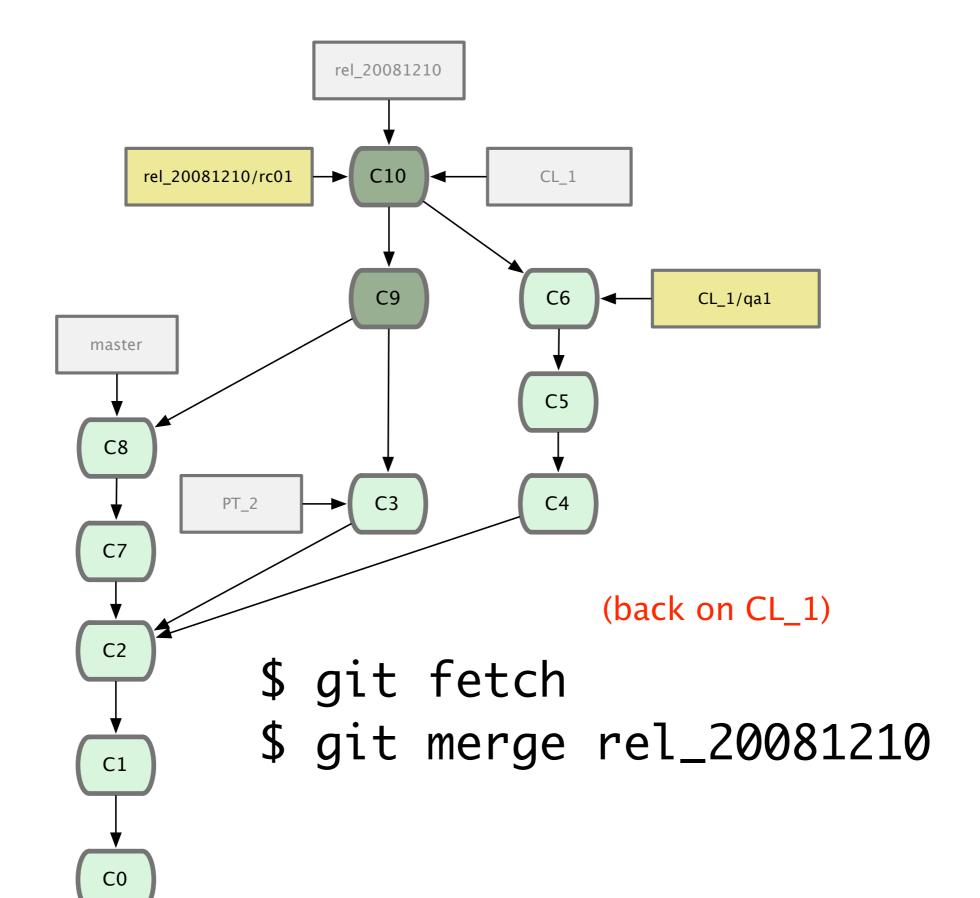


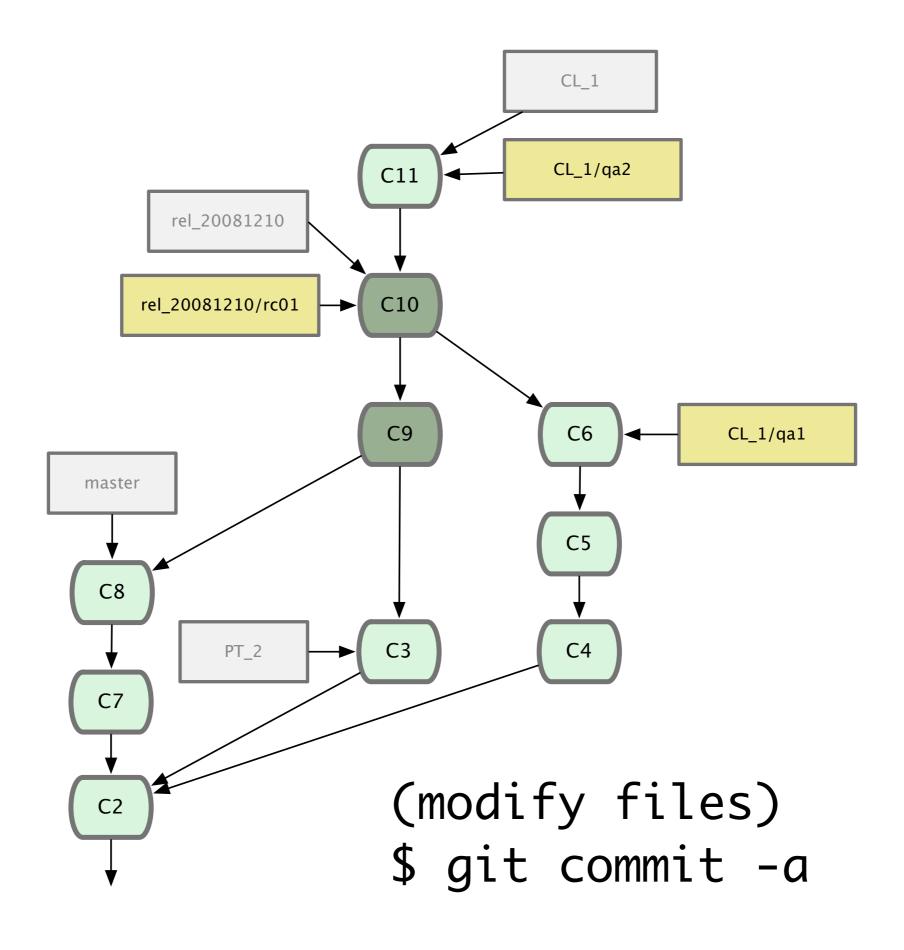


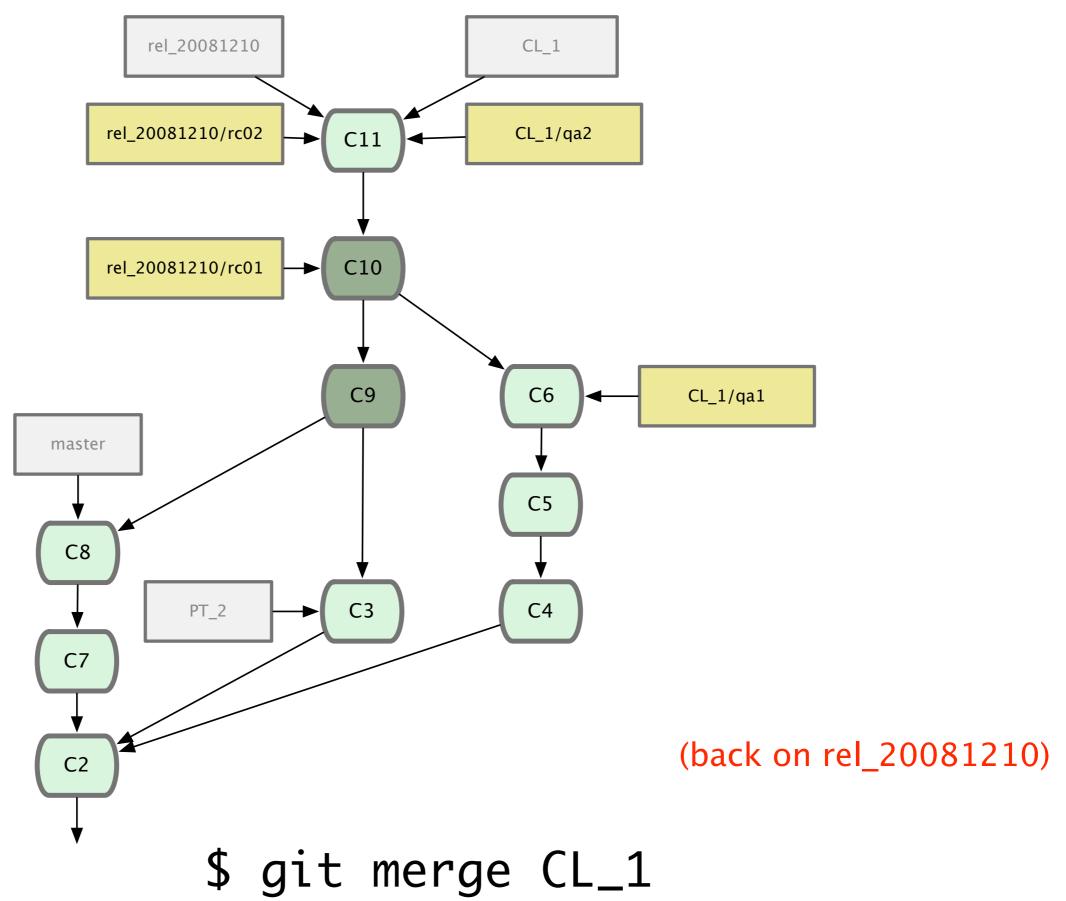




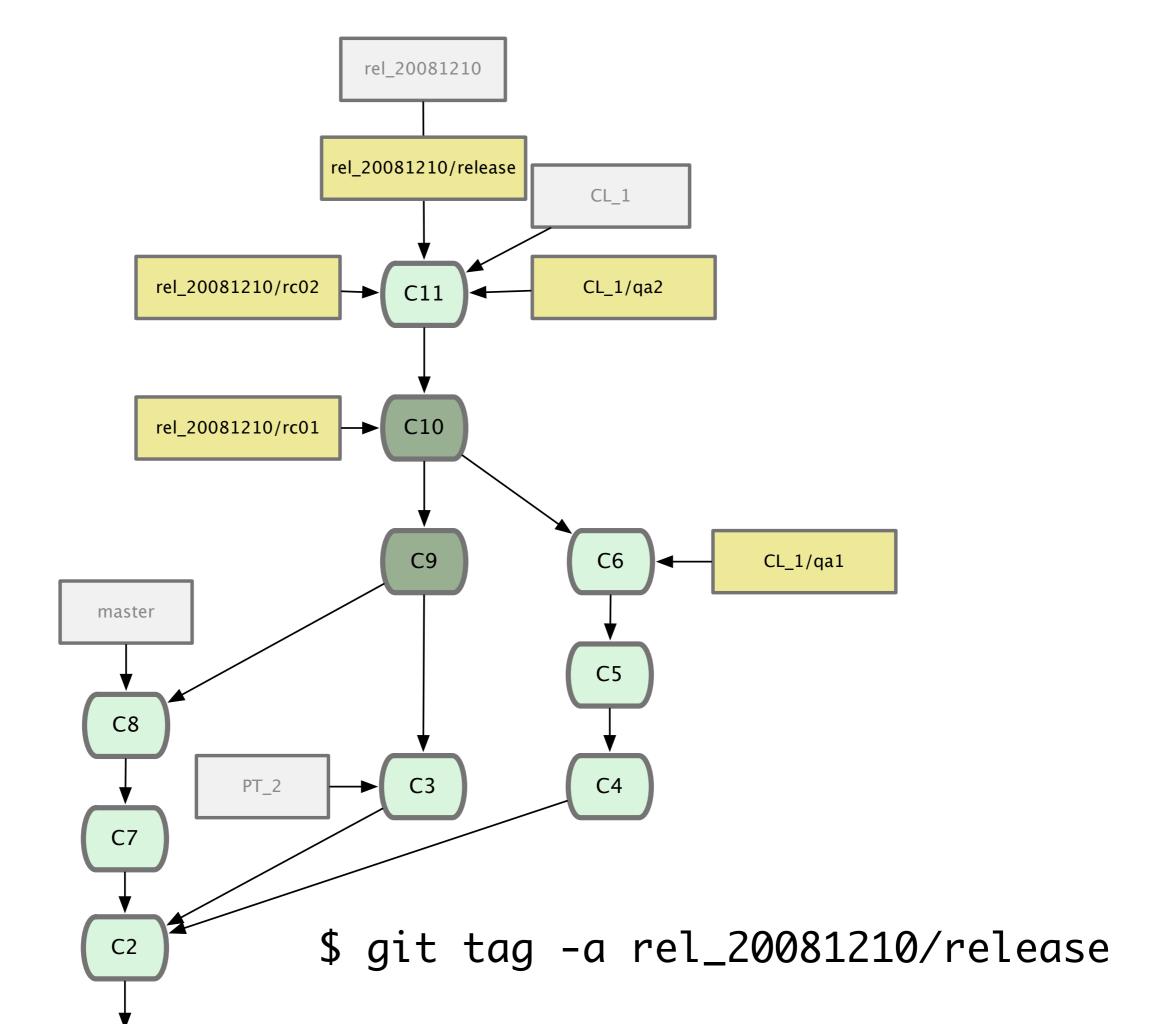


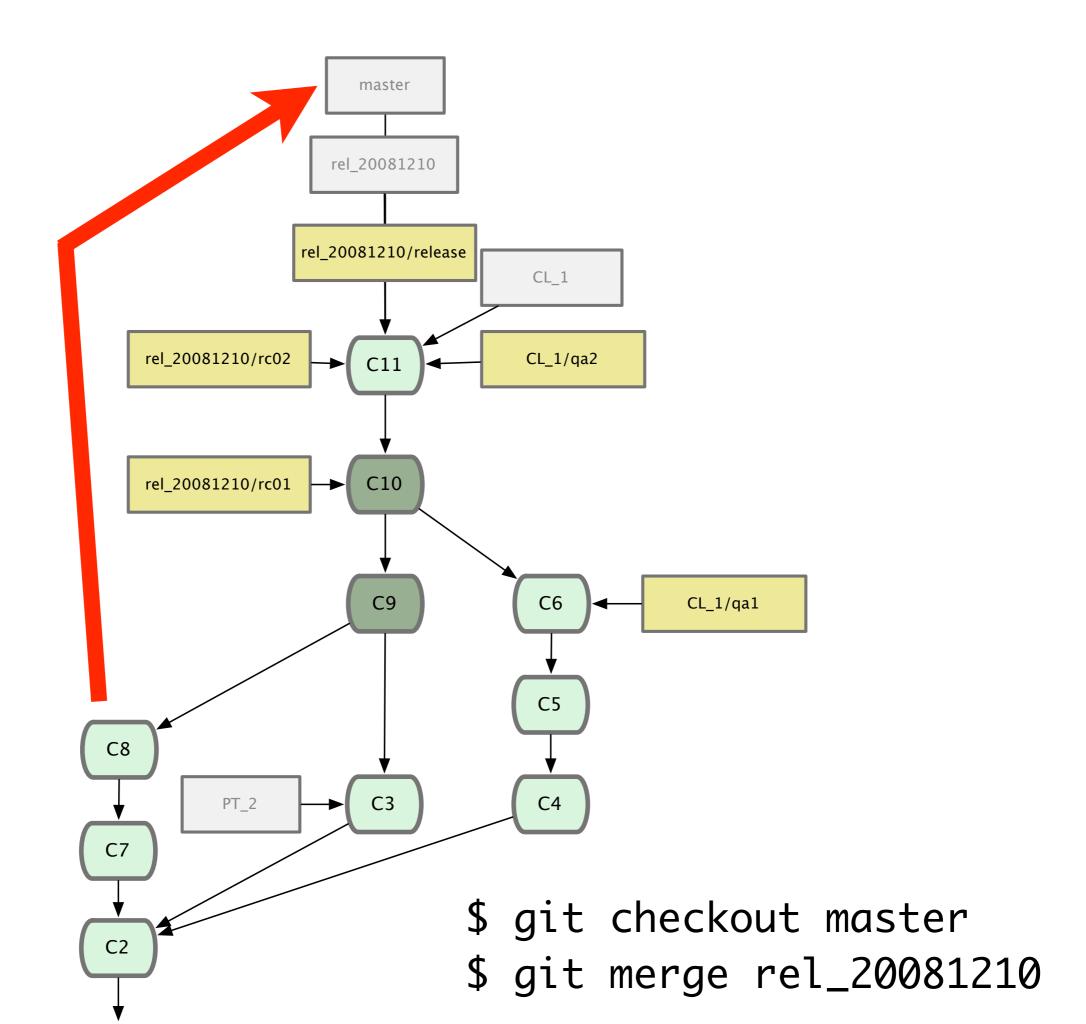


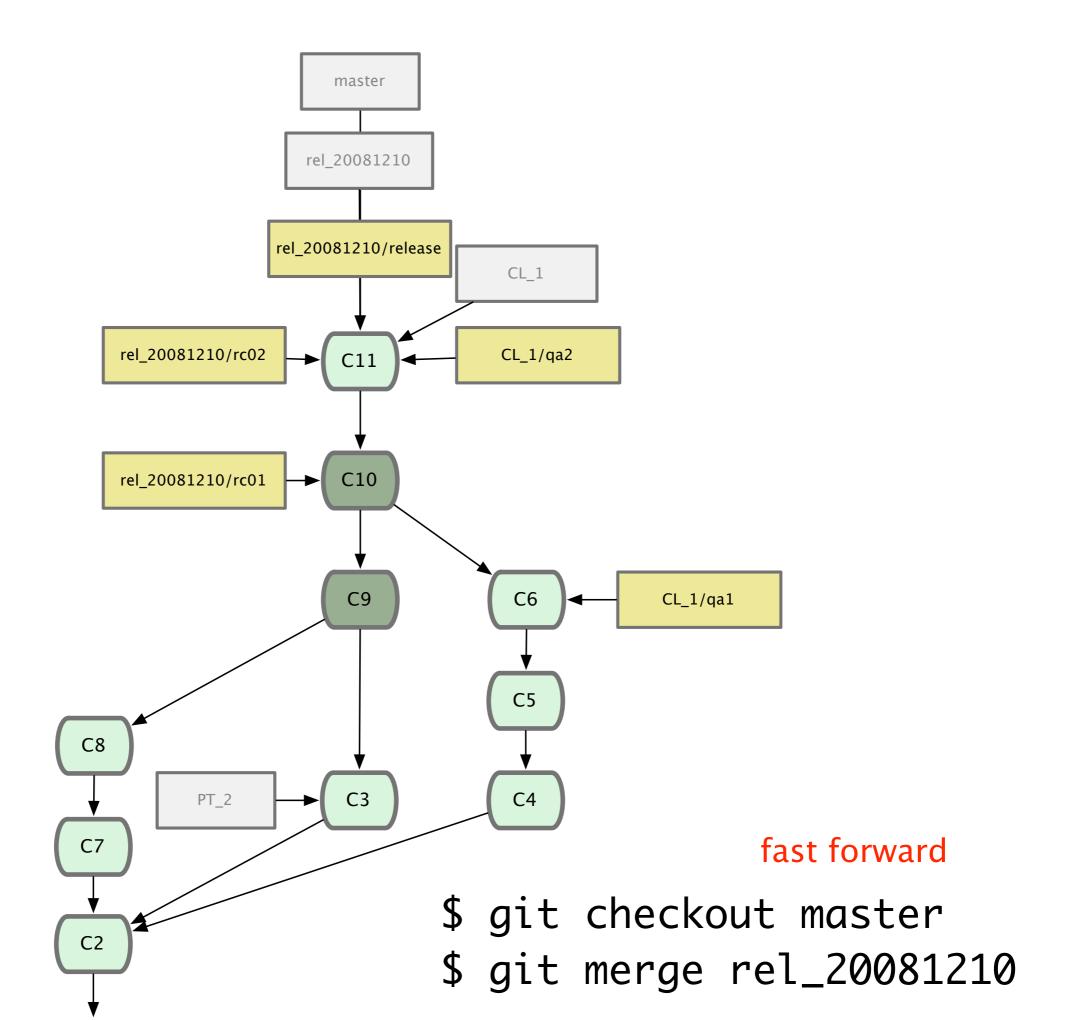


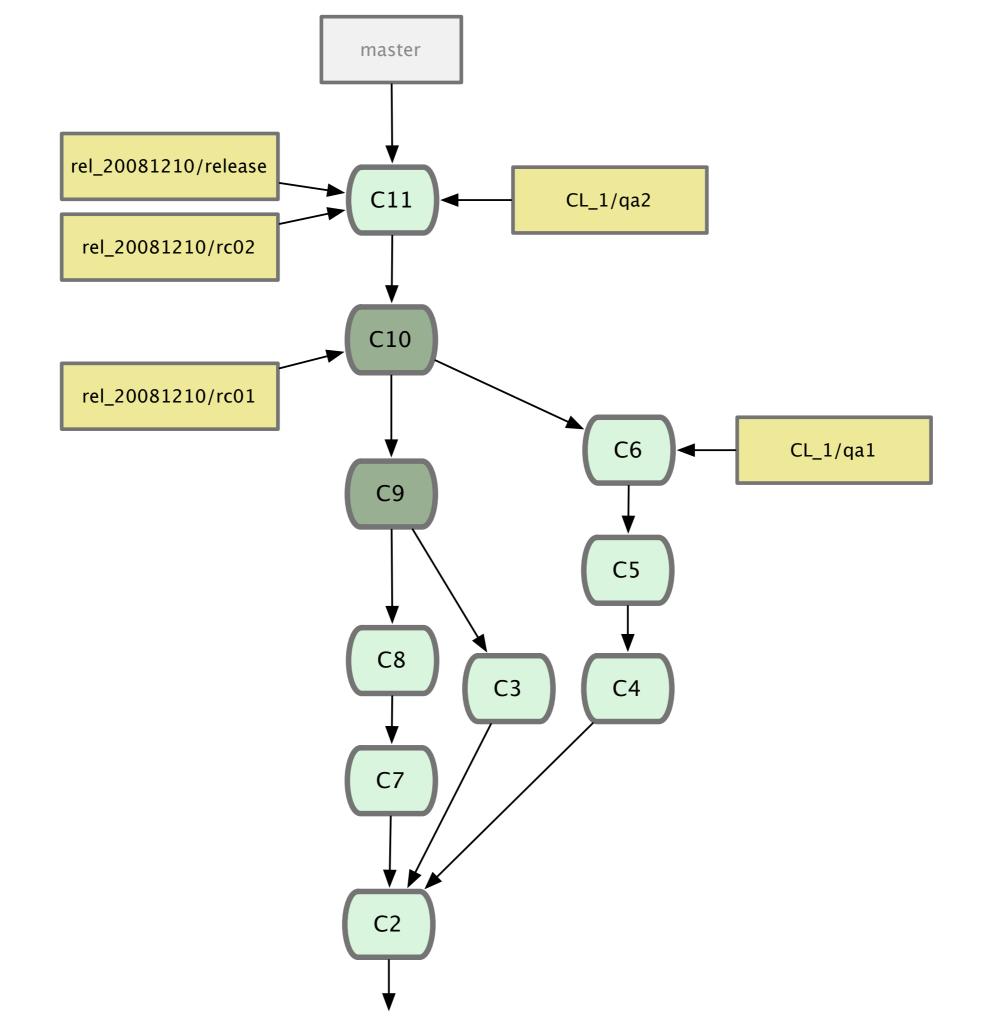


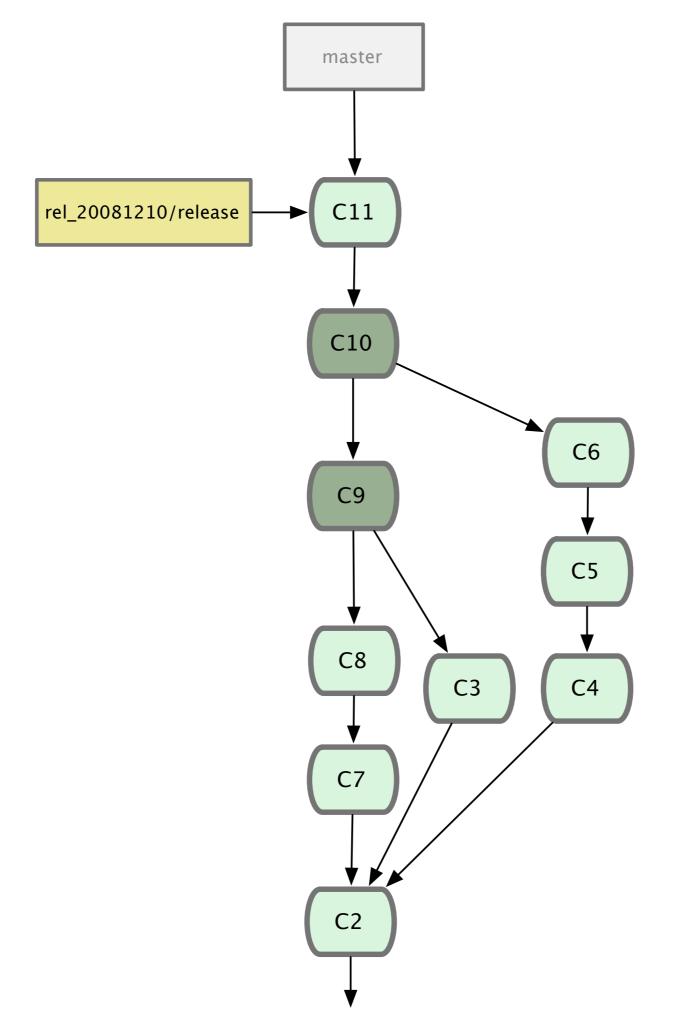
\$ git tag -a rel_20081210/rc02











git branch

git checkout

git checkout -b

git stash

git tag



Demo

Where are we?

What is Git?

Basic Git Usage

Intermediate Git Usage

Git Branching



Working with Repo & Gerritt

Advanced Git Usage

Git Internals

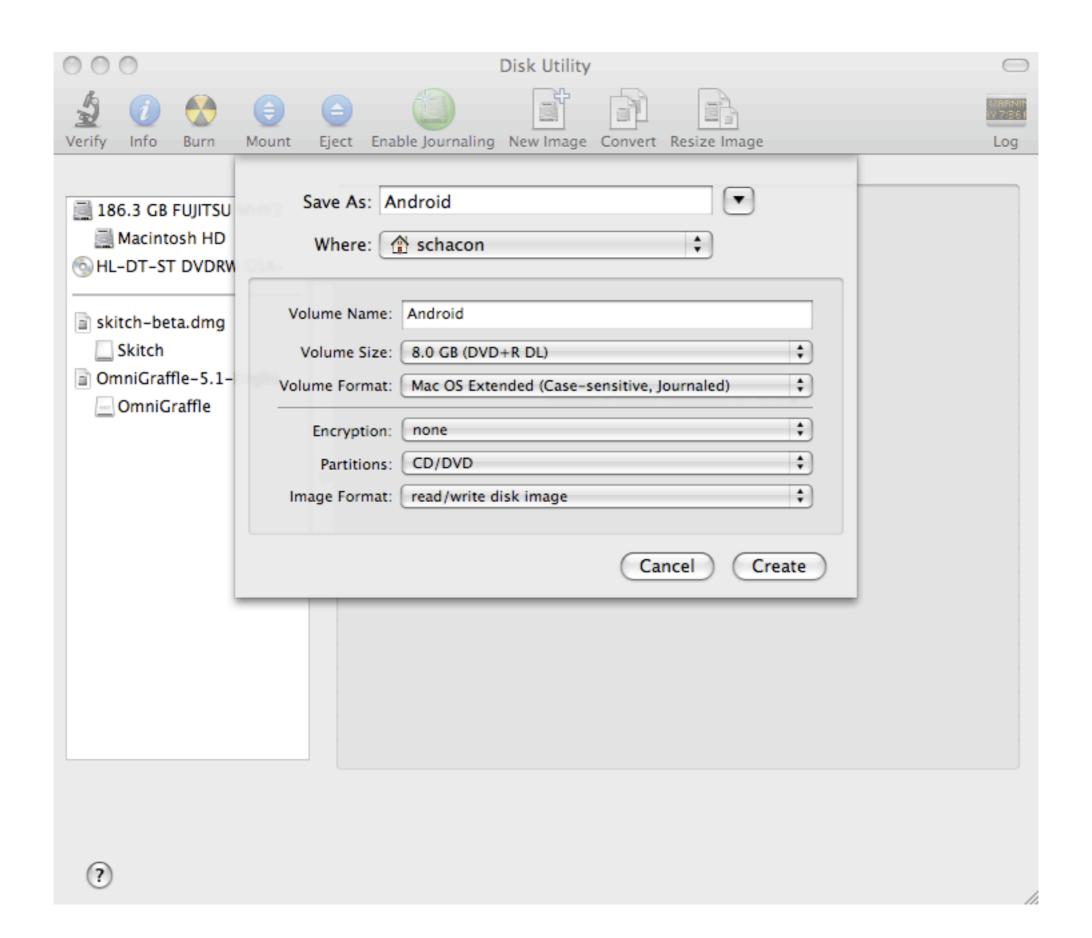
Git Maintenance

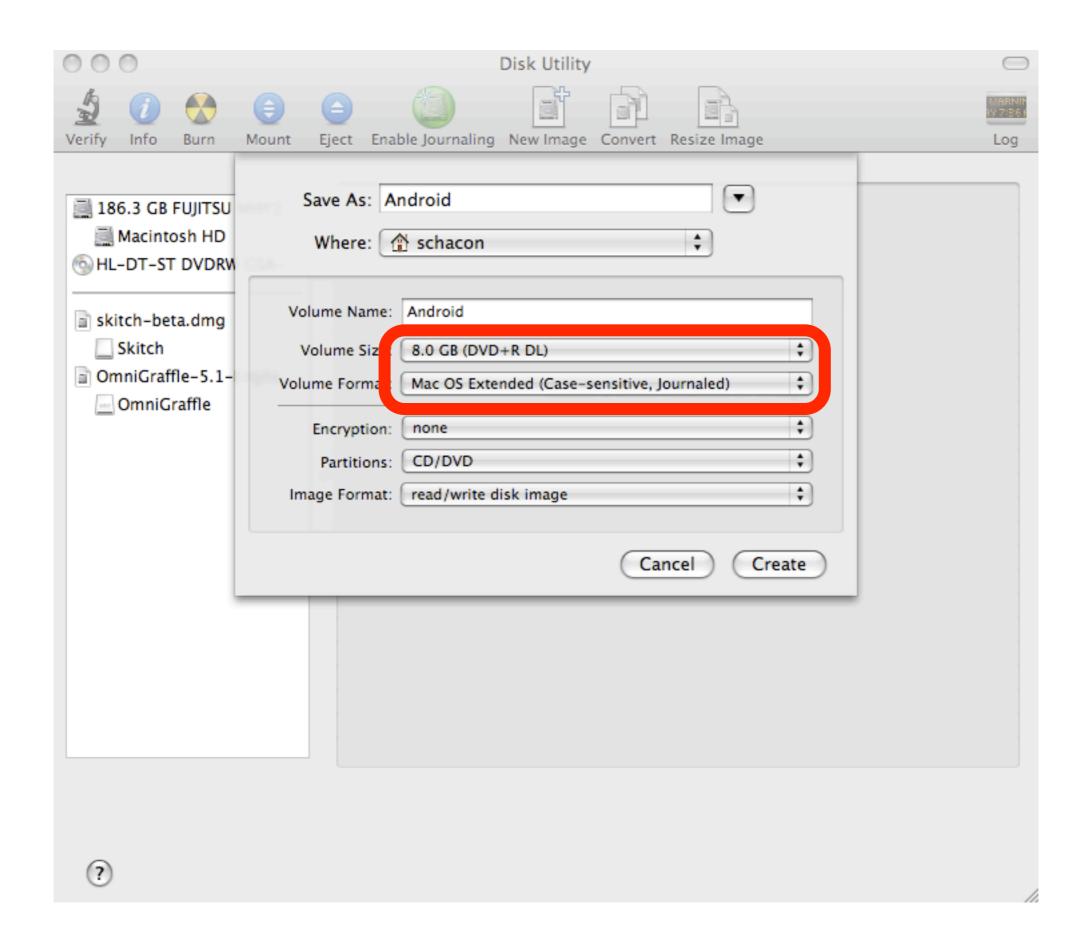
Running a Git Server

repo & gerrit

tools for building and contributing to android

mac?





Repo

what is repo?

glorified for-loop

starting with repo

\$ curl http://android.git.kernel.org/repo >~/bin/repo

- \$ curl http://android.git.kernel.org/repo >~/bin/repo
- \$ chmod a+x ~/bin/repo

- \$ curl http://android.git.kernel.org/repo >~/bin/repo
- \$ chmod a+x ~/bin/repo
- \$ mkdir working-directory-name

- \$ curl http://android.git.kernel.org/repo >~/bin/repo
- \$ chmod a+x ~/bin/repo
- \$ mkdir working-directory-name
- \$ cd working-directory-name

- \$ curl http://android.git.kernel.org/repo >~/bin/repo
- \$ chmod a+x ~/bin/repo
- \$ mkdir working-directory-name
- \$ cd working-directory-name
- \$ repo init -u git://android.git.kernel.org/platform/manifest.git

- \$ curl http://android.git.kernel.org/repo >~/bin/repo
- \$ chmod a+x ~/bin/repo
- \$ mkdir working-directory-name
- \$ cd working-directory-name
- \$ repo init -u git://android.git.kernel.org/platform/manifest.git
- \$ repo sync

normal work cycle

sync your repo

\$ repo sync

\$ cd kernel/common

- \$ cd kernel/common
- \$ git fetch; git merge origin/branch

- \$ cd kernel/common
- \$ git fetch; git merge origin/branch
- \$ cd platform/bootable/diskinstaller

- \$ cd kernel/common
- \$ git fetch; git merge origin/branch
- \$ cd platform/bootable/diskinstaller
- \$ git fetch; git merge origin/branch

```
$ cd kernel/common
$ git fetch; git merge origin/branch
$ cd platform/bootable/diskinstaller
$ git fetch; git merge origin/branch
$ cd platform/external/aes
$ git fetch; git merge origin/branch
```

starting a topic branch

\$ repo start branchname [project]

project status

- \$ repo status [project]
- \$ repo diff [project]

```
project appeng/
-m app.yaml
Mm main.py
```

```
project appeng/
-m app.yaml
Mm main.py
```

unstaged

submitting changes

\$ repo upload [project-list]

Change 8329: Clean up formatting in Wifi screen

▼ Description

Clean up formatting in Wifi screen

Owner	Kenny Root
Project	platform/packages/apps/Settings
Branch	master
Uploaded	Jan 23, 2009 11:33 AM
Updated	Jan 24, 2009 12:11 PM
Status	Review in Progress

Permalink

Dependencies

▼ Approvals

Reviewer	Verified	Code Review	
Romain Guy		+1	I
<u>jasonparekh</u>			

Looks good to me, but someone else must approve

Need Verified Need Code Review

▼ Patch Set 1 985e789f1330068d5b01bae34b6dc426aeb14df3

Author	Kenny Root <kenny@the-b.org> Jan 23, 2009 11:31 AM</kenny@the-b.org>
Committer	Kenny Root <kenny@the-b.org> Jan 23, 2009 11:31 AM</kenny@the-b.org>
Download	repo download platform/packages/apps/Settings 8329/1

\$ repo upload --replace project1

```
# Replacing from branch foo
[ ] 35f2596c Clean up formatting in WiFi Screen - take 2
[ ] ec18b4ba Update proto client to support patch set replacements
[ ] c99883fe Teach 'repo upload --replace' how to add replacement patch se...
# Insert change numbers in the brackets to add a new patch set.
# To create a new change record, leave the brackets empty.
```

Change 8329: Clean up formatting in Wifi screen

▼ Description

Clean up formatting in Wifi screen

Owner	Kenny Root
Project	platform/packages/apps/Settings
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Reviewer	Verified	Code Review	
Romain Guy		+1	I
<u>jasonparekh</u>			

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Author	Kenny Root <kenny@the-b.org> Jan 23, 2009 11:31 AM</kenny@the-b.org>
Committer	Kenny Root <kenny@the-b.org> Jan 23, 2009 11:31 AM</kenny@the-b.org>
Download	repo download platform/packages/apps/Settings 8329/1

Change 8329: Clean up formatting in Wifi screen

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Clean up formatting in Wifi screen

Owner	Kenny Root
Project	platform/packages/apps/Settings
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Status	Review in Progress

Permalink

Dependencies

▼ Approvals

Reviewer	Verified	Code Review
Romain Guy		+1
<u>jasonparekh</u>		

Looks good to me, but someone else must approve

Need Verified Need Code Review

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Author	Kenny Root <kenny@the-b.org> Jan 23, 2009 11:31 AM</kenny@the-b.org>
Committer	Kenny Root <kenny@the-b.org> Jan 23, 2009 11:31 AM</kenny@the-b.org>
Download	repo download platform/packages/apps/Settings 8329/1

```
# Replacing from branch foo
[ 8329 ] 35f2596c Clean up formatting in WiFi Screen - take 2
[ ] ec18b4ba Update proto client to support patch set replacements
[ ] c99883fe Teach 'repo upload --replace' how to add replacement patch se...
# Insert change numbers in the brackets to add a new patch set.
# To create a new change record, leave the brackets empty.
```

```
# Replacing from branch foo

[ 8329 ] 35f2596c Clean up formatting in WiFi Screen - take 2

[ ] ec18b4ba Update proto client to support patch set replacements

[ ] c99883fe Teach 'repo upload --replace' how to add replacement patch se...

# Insert change numbers in the brackets to add a new patch set.

# To create a new change record, leave the brackets empty.
```

downloading changes

\$ repo download target change

Change 8329: Clean up formatting in Wifi screen

▼ Description

Clean up formatting in Wifi screen

Owner	Kenny Root
Project	platform/packages/apps/Settings
Branch	master
Uploaded	Jan 23, 2009 11:33 AM
Updated	Jan 24, 2009 12:11 PM
Status	Review in Progress

Permalink

Dependencies

▼ Approvals

Reviewer	Verified	Code Review	
Romain Guy		+1	I
<u>jasonparekh</u>			

Looks good to me, but someone else must approve

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Uploaded	Jan 23, 2009 11:33 AM
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Status	Review in Progress

Permalink

Dependencies

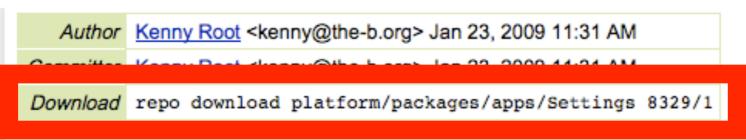
▼ Approvals

Reviewer	Verified	Code Review	
Romain Guy		+1	Looks god
<u>jasonparekh</u>			

Looks good to me, but someone else must approve

Need Verified Need Code Review

▼ Patch Set 1 985e789f1330068d5b01bae34b6dc426aeb14df3



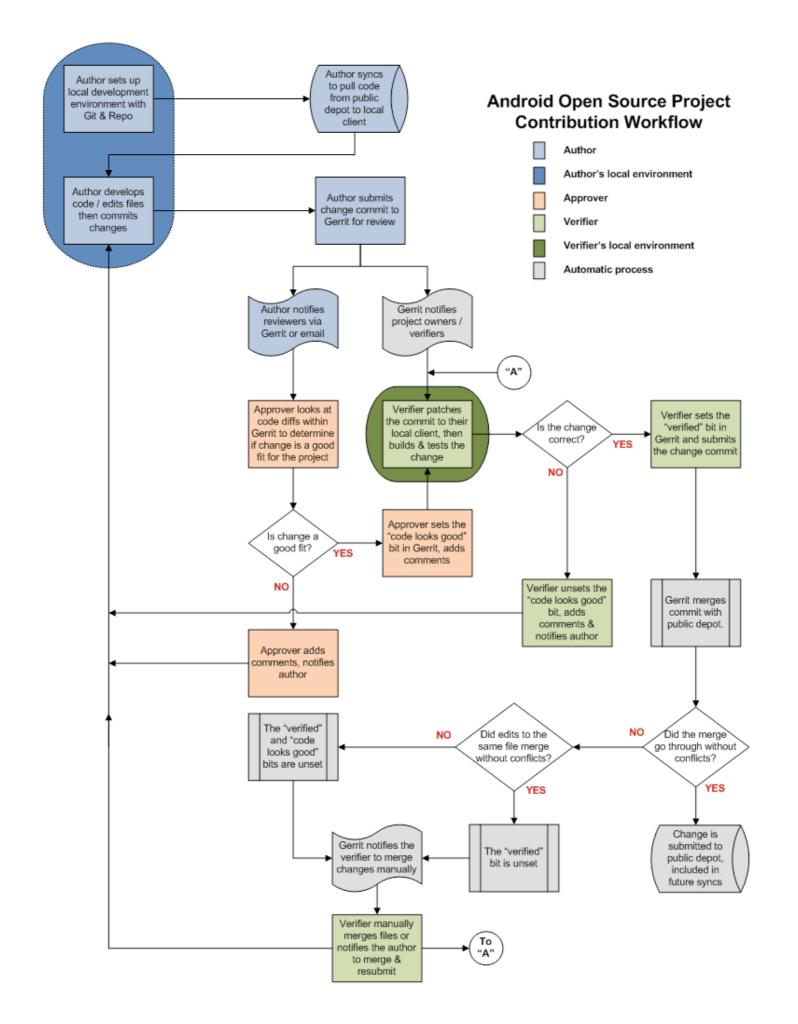
\$ repo download platform/packages/apps/Settings 8329/1

```
$ repo download platform/packages/apps/Settings 8329/1
remote: Counting objects: 9, done.
remote: Compressing objects: 100% (1/1), done.
remote: Total 5 (delta 4), reused 5 (delta 4)
Unpacking objects: 100% (5/5), done.
From git://android.git.kernel.org/platform/packages/apps/Settings
* branch refs/changes/29/8329/1 -> FETCH_HEAD
Previous HEAD position was c0a8abb... Merge branch 'cupcake'
HEAD is now at 985e789... Clean up formatting in Wifi screen
```

bulk changes

```
$ repo forall [ proj1 proj2 ... projN ] -c
'echo $REPO_PROJECT $@' [ arg1 arg2 ... argN ]
```

Gerrit



got it?

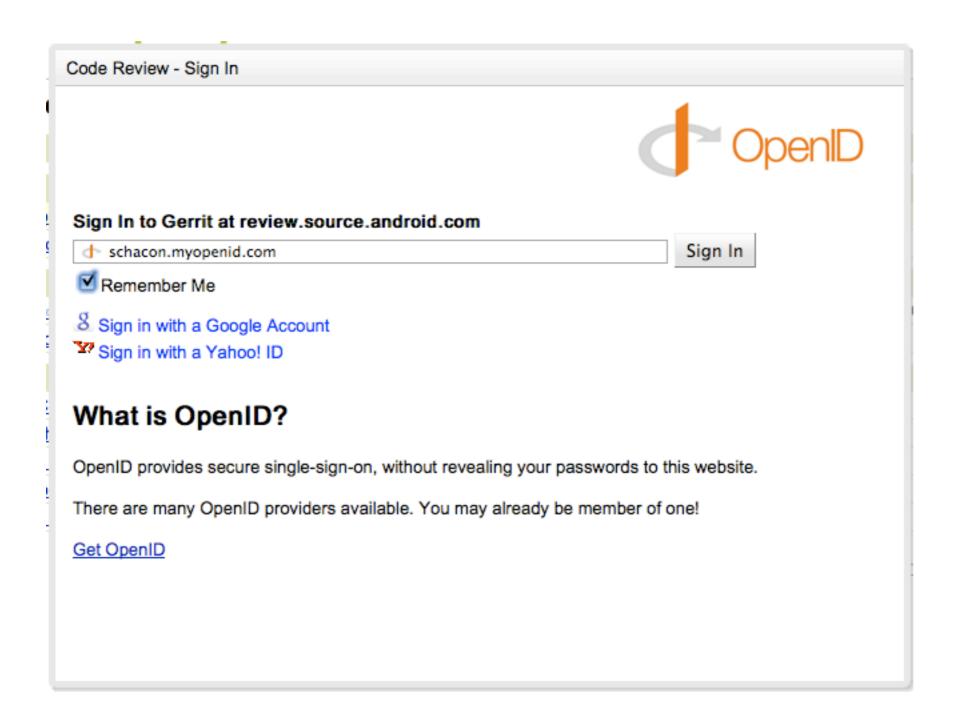
you

approver

verifier

you





CIOSCUD

open source project



Account Settings

Full Name	Scott Chacon		
Email Address	schacon@gmail.com		
SSH Username	schacon		
Registered	Jan 27, 2009 9:55 AM		

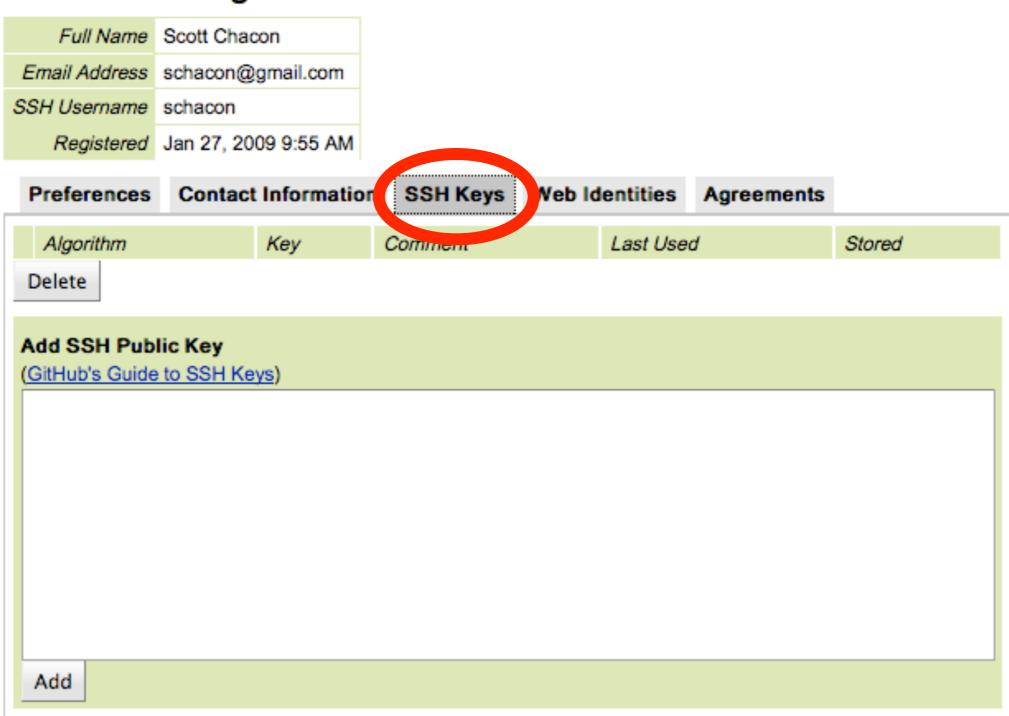
Preferences	Contact Information	SSH Keys	Web Identities	Agreements	
Algorithm	Key	Comment	Last Use	d	Stored
Delete					
Add SSH Publi (GitHub's Guide t					
Add					

CIOSCUD

open source project



Account Settings



CIOSCUD

open source project

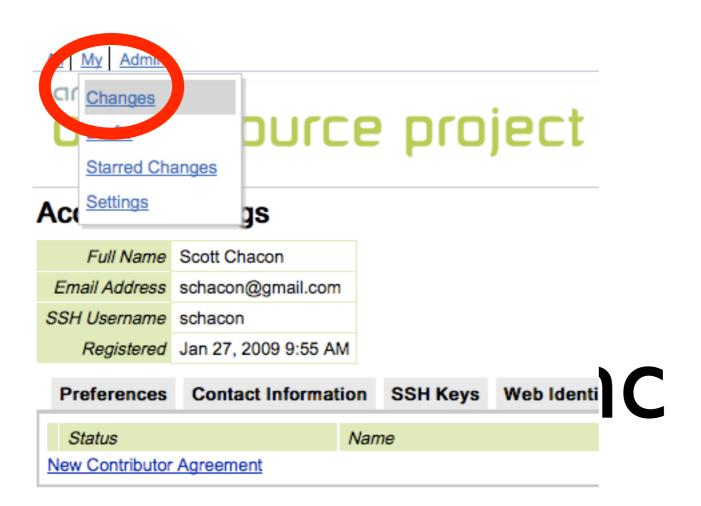


Account Settings

Full Name	Scott Chacon
Email Address	schacon@gmail.com
SSH Username	schacon
Registered	Jan 27, 2009 9:55 AM

Preferences	Contact	Information	SSH Keys	Web Iden	tities	Agreements	
Algorithm		Key	Comment	La	ast Used	1	Stored
Delete							
Add SSH Publi	c Key						
(GitHub's Guide t		<u>vs)</u>					
Add							







Code Review Dashboard for Shawn Pearce

	ID	Subiect	Owner	Project	LastUpdate
Starte	d by S	hawn Pearce			
		uf based HTTP upload code path	Shawn Pearce	tools/repo	Jan 26, 2009 11:10 AM
☆	<u>8641</u>	Remove the now unnecessary Makefile	Shawn Pearce	tools/repo	Jan 26, 2009 10:57 AM
Revie	wable	by Shawn Pearce			
☆	1547	Initial wack at getting escalating volume alarms.	Tim Ansell	platform/packages/apps/AlarmClock	Oct 29, 2008 1:52 PM
☆	8294	Export additional environment variables to repo forall:	Jeff Bailey	tools/repo	Jan 22, 2009 8:06 AM
Recei	ntly clo	sed			
☆	8670	Display "Anonymous Coward" in dashboards of users without names (MERGED)	Shawn Pearce	tools/gerrit	Jan 27, 2009 9:11 AM
☆	8668	Block requests larger than 1 MB in size (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 9:00 AM
☆	8667	Fix server side parsing of UTF-8 encoded JSON payloads (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 9:00 AM
☆	8666	Fix "Bad Request" error messages on RPCs made from Opera (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 8:05 AM
☆	<u>8656</u>	Fix range based query for /r/\$committid redirect URLs (MERGED)	Shawn Pearce	tools/gerrit	Jan 26, 2009 2:30 PM

Powered by Gerrit Code Review (v2.0-14-gdaa5e13)



Code Review Dashboard for Shawn Pearce

	ID	Subject	Owner	Project	LastUpdate
Sta	rted by S	hawn Pearce			
▶☆	8640	Remove the protobuf based HTTP upload code path	Shawn Pearce	tools/repo	Jan 26, 2009 11:10 AM
5.2	8641	Remove the now unnecessary Makefile	Shawn Pearce	tools/repo	Jan 26, 2009 10:57 AM
Rev	iewable l	by Shawn Pearce			
_		escalating volume alarms.	Tim Ansell	platform/packages/apps/AlarmClock	Oct 29, 2008 1:52 PM
☆	8294	Export additional environment variables to repo forall:	Jeff Bailey	tools/repo	Jan 22, 2009 8:06 AM
Rec	ently clo	sed			
☆	8670	Display "Anonymous Coward" in dashboards of users without names (MERGED)	Shawn Pearce	tools/gerrit	Jan 27, 2009 9:11 AM
☆	8668	Block requests larger than 1 MB in size (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 9:00 AM
☆	8667	Fix server side parsing of UTF-8 encoded JSON payloads (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 9:00 AM
☆	8666	Fix "Bad Request" error messages on RPCs made from Opera (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 8:05 AM
公	<u>8656</u>	Fix range based query for /r/\$commitid redirect URLs (MERGED)	Shawn Pearce	tools/gerrit	Jan 26, 2009 2:30 PM

Powered by Gerrit Code Review (v2.0-14-gdaa5e13)



Code Review Dashboard for Shawn Pearce

	ID	Subject	Owner	Project	LastUpdate		
Started by Shawn Pearce							
▶☆	8640 Remove the protobuf based HTTP upload code path 8641 Remove the now unnecessary Makefile Reviewable by Shawn Pearce		Shawn Pearce	tools/repo	Jan 26, 2009 11:10 AM		
☆			Shawn Pearce	tools/repo	Jan 26, 2009 10:57 AM		
Rev							
☆	1547	Initial wack at getting escalating volume alarms.	Tim Ansell	platform/packages/apps/AlarmClock	Oct 29, 2008 1:52 PM		
公	8294	Export additional environment variables to repo forall:	Jeff Bailey	tools/repo	Jan 22, 2009 8:06 AM		
Rec	ently clo	sed					
		Anonymous Coward" in dashboards of users without names (MERGED)	Shawn Pearce	tools/gerrit	Jan 27, 2009 9:11 AM		
☆	8668	Block requests larger than 1 MB in size (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 9:00 AM		
☆	8667	Fix server side parsing of UTF-8 encoded JSON payloads (MERGED)	Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 9:00 AM		
☆	8666 Fix "Bad Request" error messages on RPCs made from Opera (MERGED)		Shawn Pearce	tools/gwtjsonrpc	Jan 27, 2009 8:05 AM		
☆	<u>8656</u>	Fix range based query for /r/\$committid redirect URLs (MERGED)	Shawn Pearce	tools/gerrit	Jan 26, 2009 2:30 PM		

Powered by Gerrit Code Review (v2.0-14-gdaa5e13)

you

you

\$ repo upload

you

\$ repo upload

http://review.source.android.com/8640

Change 8640: Remove the protobuf based HTTP upload code path

Description

Remove the protobuf based HTTP upload code path

Now that Gerrit2 has been released and the only supported upload protocol is direct git push over SSH we no longer need the large and complex protobuf client library, or the upload chunking logic in gerrit_upload.py.

Signed-off-by: Shawn O. Pearce <sop@google.com>

Owner	Shawn Pearce
Project	tools/repo
Branch	master
Uploaded	Jan 26, 2009 10:57 AM
Updated	Jan 26, 2009 11:10 AM
Status	Review in Progress

Permalink

http://review.source.android.com/8640

http://review.source.android.com/8640

D	gerrit_upload.py	Side by Side L	<u>Jnified</u>
► N	<u>Makefile</u>	Side-by-Side U	<u>Jnified</u>
N	project.py	Side-by-Side L	<u>Jnified</u>

http://review.source.android.com/8640

D	gerrit_upload.py	Side by Side	Unified
► M	Makefile	Side-by-Side	Unified
М	project.py	Side-by-Side	Unified

Makefile

```
Old Version
                                                                                                                     New Version
                                                                     (... skipping 10 common lines ...)
▶ 11 # distributed under the License is distributed on an "AS IS" BASIS,
                                                                                 11 # distributed under the License is distributed on an "AS IS" BASIS,
 12 # WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied. 12 # WITHOUT WARRANTIES OR CONDITIONS OF ANY KIND, either express or implied.
 13 # See the License for the specific language governing permissions and
                                                                                 13 # See the License for the specific language governing permissions and
 14 # limitations under the License.
                                                                                 14 # limitations under the License.
                                                                                 15
 16 GERRIT SRC=../gerrit
 17 GERRIT_MODULES=codereview froofle
 19 all:
                                                                                 16 all:
 20
 21 clean:
                                                                                 18 clean:
 22 |
            find . -name \*.pyc -type f | xargs rm -f
                                                                                            find . -name \*.pyc -type f | xargs rm -f
 23
 24 update-pyclient:
            $(MAKE) -C $(GERRIT_SRC) release-pyclient
 26 *
            rm -rf $(GERRIT MODULES)
 27 =
            (cd $(GERRIT SRC)/release/pyclient && \
```

http://review.source.android.com/8640



http://review.source.android.com/8640



Code Review:

+1 Looks good to me, but someone else must approve

O No score

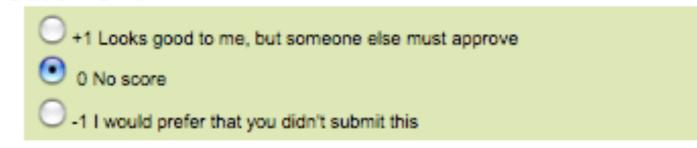
-1 I would prefer that you didn't submit this

Cover Message:

http://review.source.android.com/8640



Code Review:

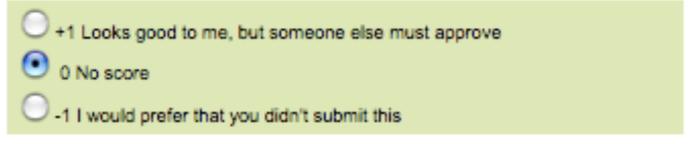


Cover Message:

http://review.source.android.com/8640



Code Review:



Cover Message:

http://review.source.android.com/8640

▼ Approvals



http://review.source.android.com/8640

▼ Approvals

Reviewer	Verified	Code Review	
Shawn Pearce	✓	-1	Verified; I would prefer that you didn't submi
Need Code Review			

▼ Approvals



http://review.source.android.com/8640

http://review.source.android.com/8640

\$ repo download tools/repo 8640/1

http://review.source.android.com/8640

\$ repo download tools/repo 8640/1

BUILD

http://review.source.android.com/8640

\$ repo download tools/repo 8640/1

BUILD



http://review.source.android.com/8640

\$ repo download tools/repo 8640/1

BUILD





Change 8670: Display "Anonymous Coward" in dashboards of users without names

▼ Description

Display "Anonymous Coward" in dashboards of users without names

This is slightly better than showing the name as "undefined", due
to the full name field being Java null/JavaScript undefined.

Signed-off-by: Shawn O. Pearce <sop@google.com>

Owner	Shawn Pearce
Project	tools/gerrit
Branch	master
Uploaded	Jan 27, 2009 9:08 AM
U" Licu	Jan ∠r, 209 9:11 AM
Status	Merged
	<u>Permalink</u>

Dependencies

▼ Approvals

Reviewer	Verified	Code Review	
Shawn Pearce	✓	✓	Verified; Looks good to me, approved

▼ Patch Set 1 c042da69285789eecf29bb5cae8fc91d5d4a8e46

Author Shawn O. Pearce <sop@google.com> Jan 27, 2009 9:07 AM

Committer Shawn O. Pearce <sop@google.com> Jan 27, 2009 9:07 AM

Download repo download tools/gerrit 8670/1

Publish Comments

	File Path	Comments	Diff	
► M	appjar/src/main/java/com/google/gerrit/client/changes/AccountDashboardScreen.java		Side-by-Side	Unified

▼ Messages

▼ Gerrit Code Review

on Jan 27, 2009 9:11 AM

Change has been successfully merged into the git repository.



Change 8670: Display "Anonymous Coward" in dashboards of users without names

▼ Description

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This is slightly better than showing the name as "undefined", due
to the full name field being Java null/JavaScript undefined.

Signed-off-by: Shawn O. Pearce <sop@google.com>

Owner	Shawn Pearce
Project	tools/gerrit
Branch	master
Uploaded	Jan 27, 2009 9:08 AM
Updated	Jan 27, 2009 9:11 AM
Status	Merged

Permalink

Dependencies

▼ Approvals

Reviewer	Verified	Code Review	
Shawn Pearce	✓	✓	Verified; Looks good to me, approved

▼ Patch Set 1 c042da69285789eecf29bb5cae8fc91d5d4a8e46

Author Shawn O. Pearce <sop@google.com> Jan 27, 2009 9:07 AM

Committer Shawn O. Pearce <sop@google.com> Jan 27, 2009 9:07 AM

Download repo download tools/gerrit 8670/1

Publish Comments

	File Path		Diff	
▶ M	appjar/src/main/java/com/google/gerrit/client/changes/AccountDashboardScreen.java		Side-by-Side	Unified

▼ Mess

▼ Gerrit Code Review

on Jan 27, 2009 9:11 AM

Change has been successfully merged into the git repository.

\$ repo sync

source.android.com

repo init

repo sync

repo start

repo status

repo diff

repo upload

repo download

repo forall



Demo

lunch

one hour