



Introducción a Git y GitHub

¿Cómo utilizar Git y GitHub?

"Harvard CS50's Web Programming with Python and JavaScript. Lecture 1. Git" por Brian Yu, usado bajo CC BY-NC-SA 4.0. / Adaptado al Español

@lgnacioPalma

Hola!

Mi nombre es Ignacio y soy GitHub Campus Expert en la Pontificia Universidad Católica de Chile.

Comunidades

IA







Introducción a Git y GitHub

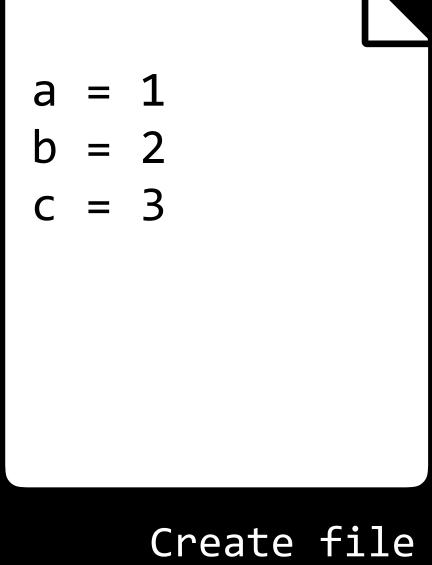
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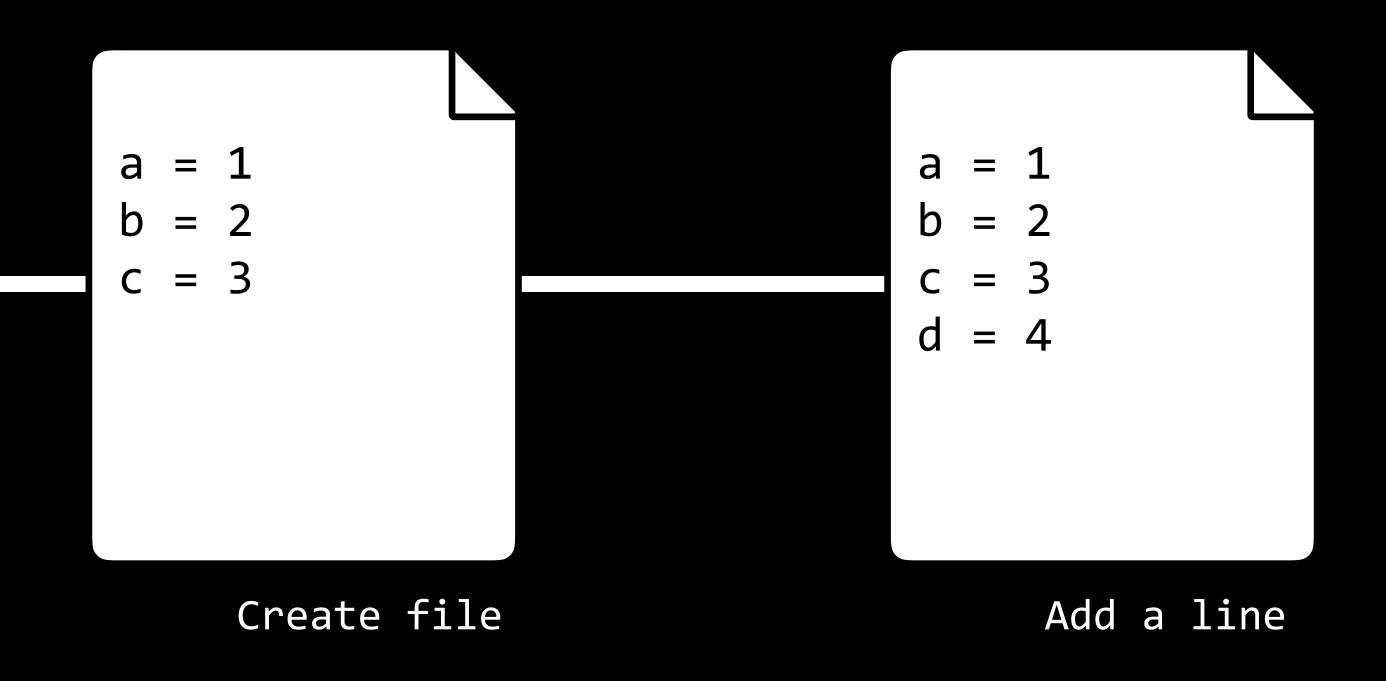
Git

git

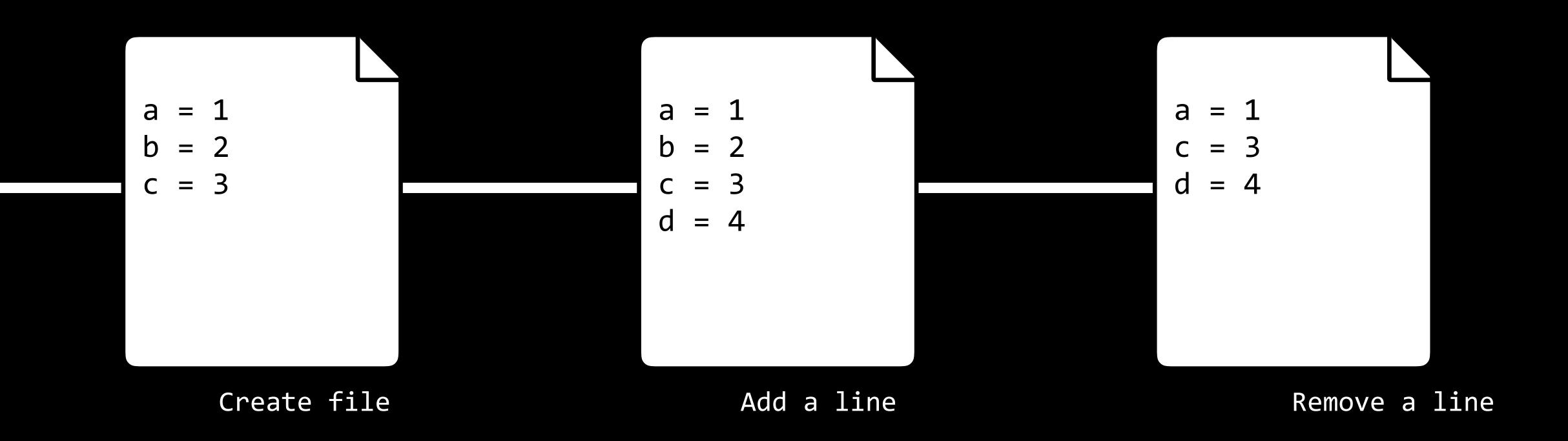
Keep track of changes to code.

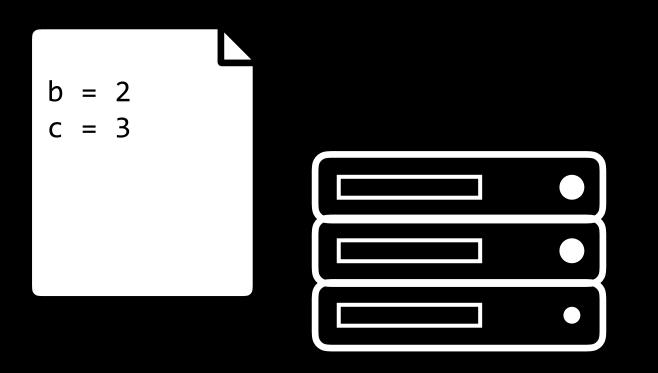


Keep track of changes to code.

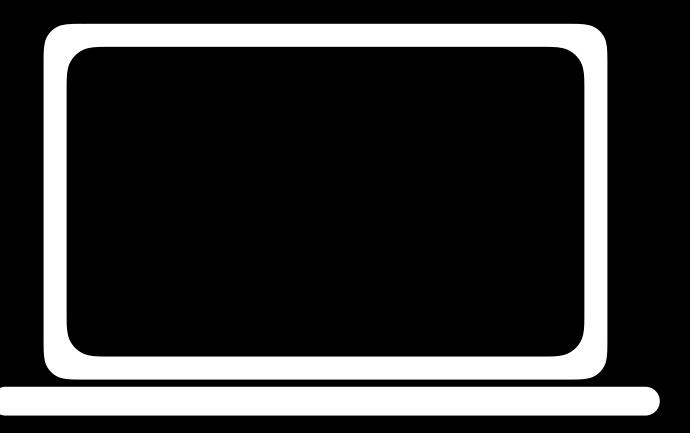


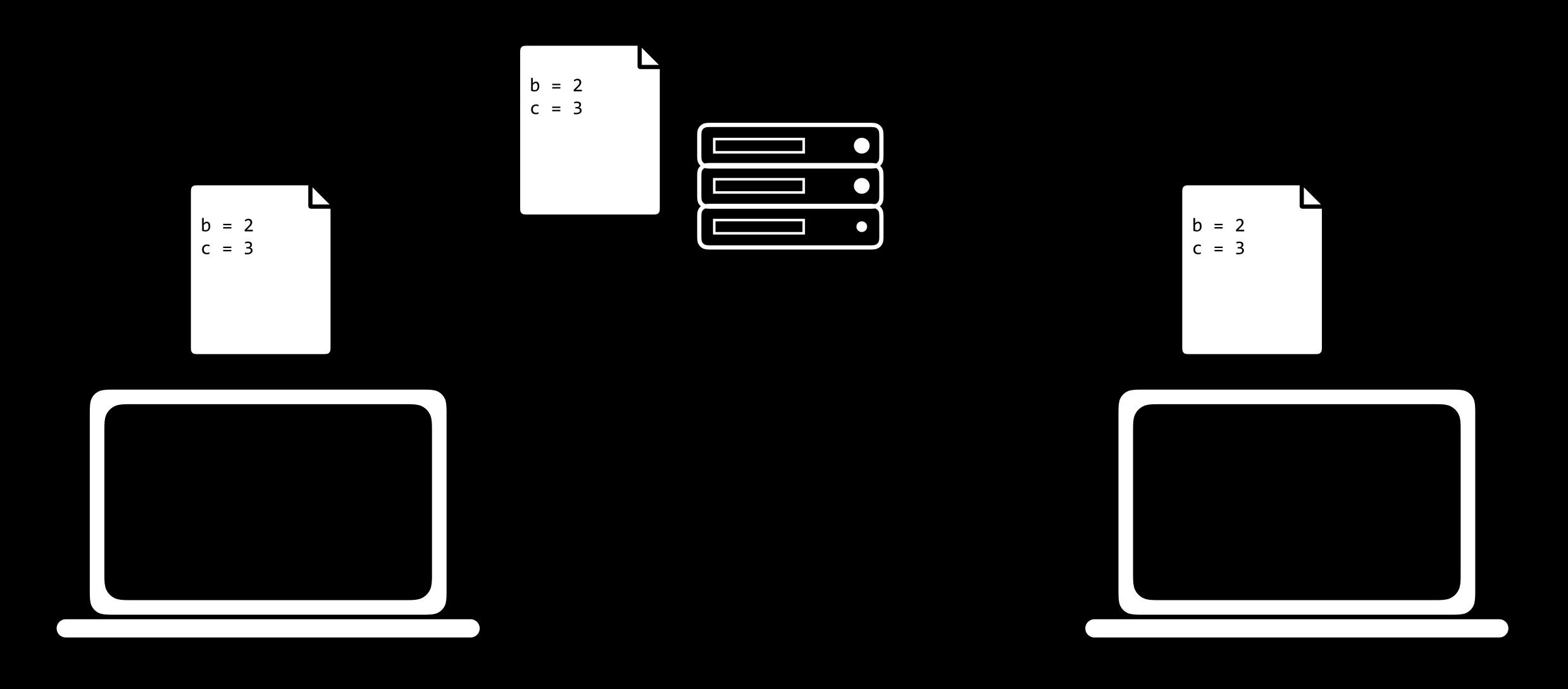
Keep track of changes to code.

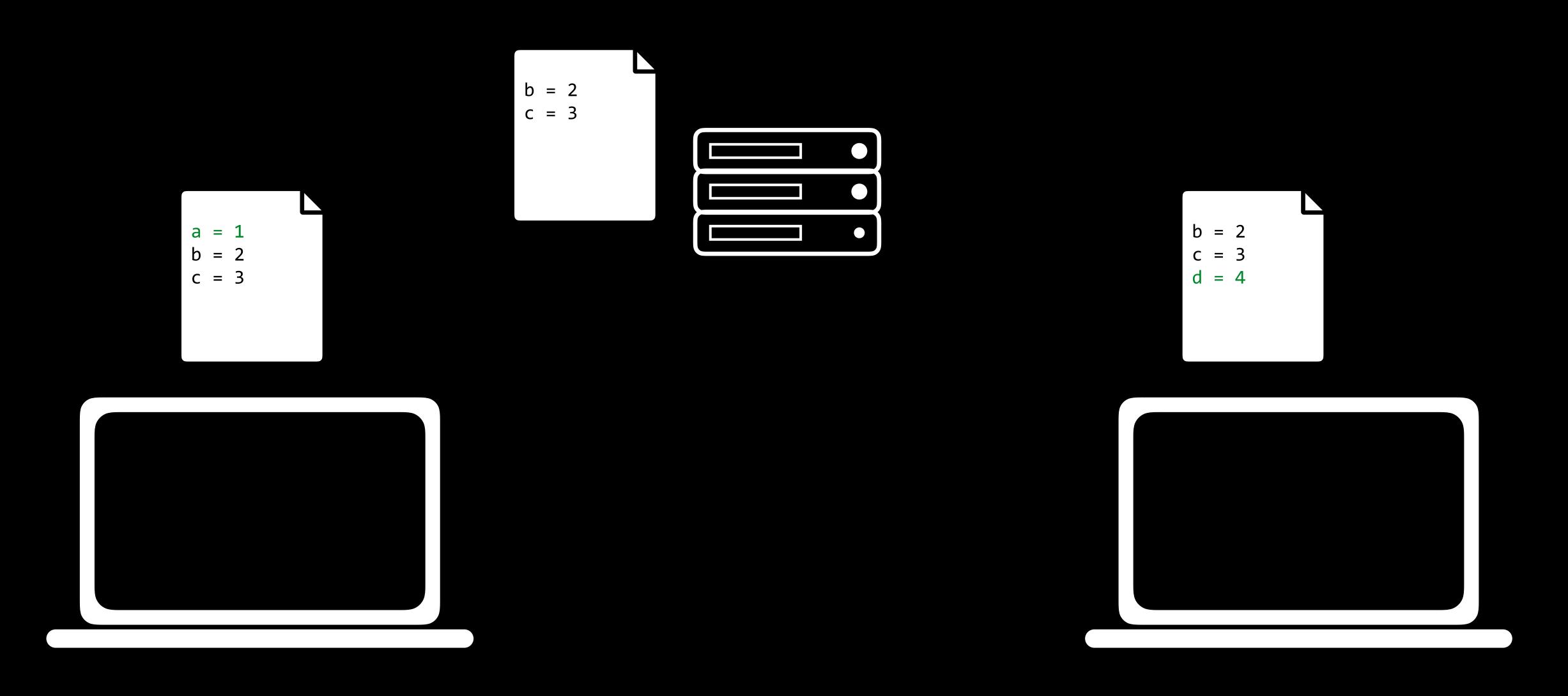


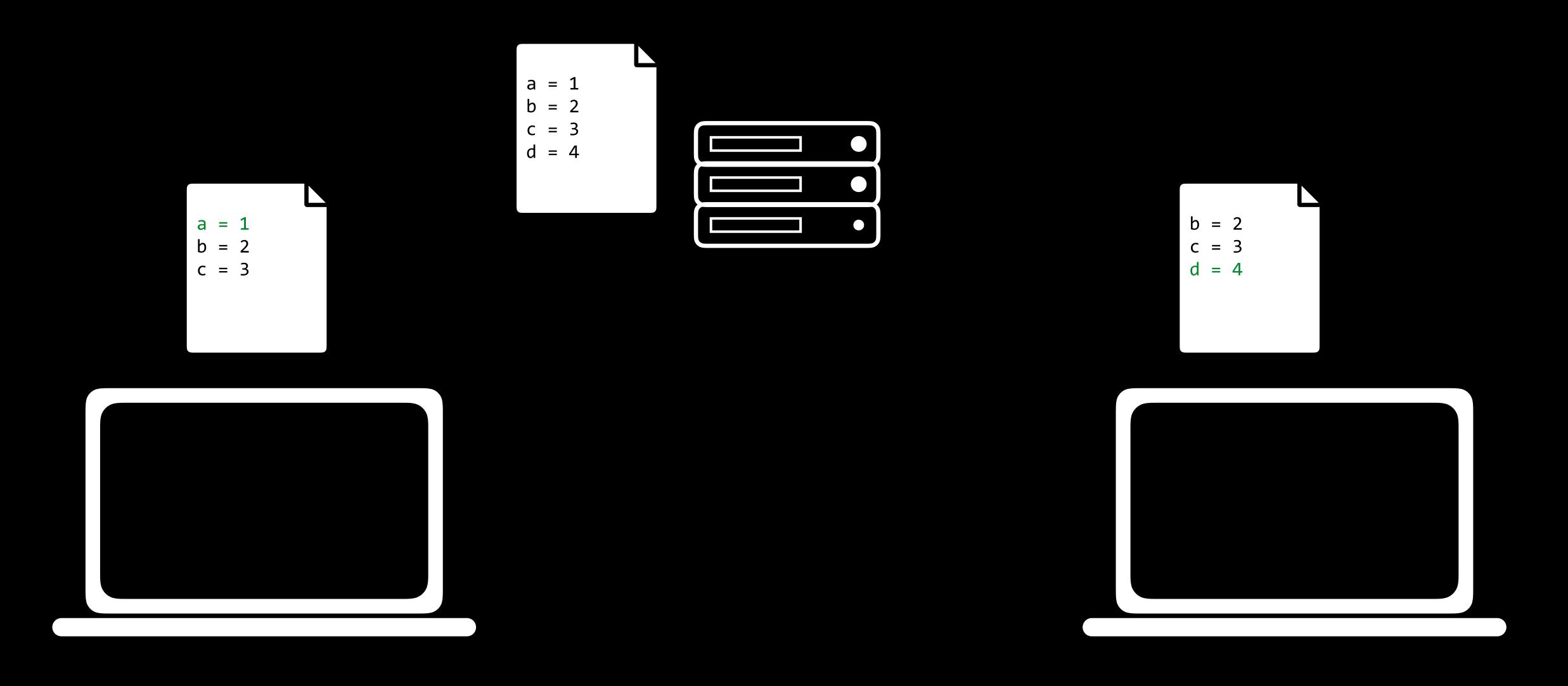


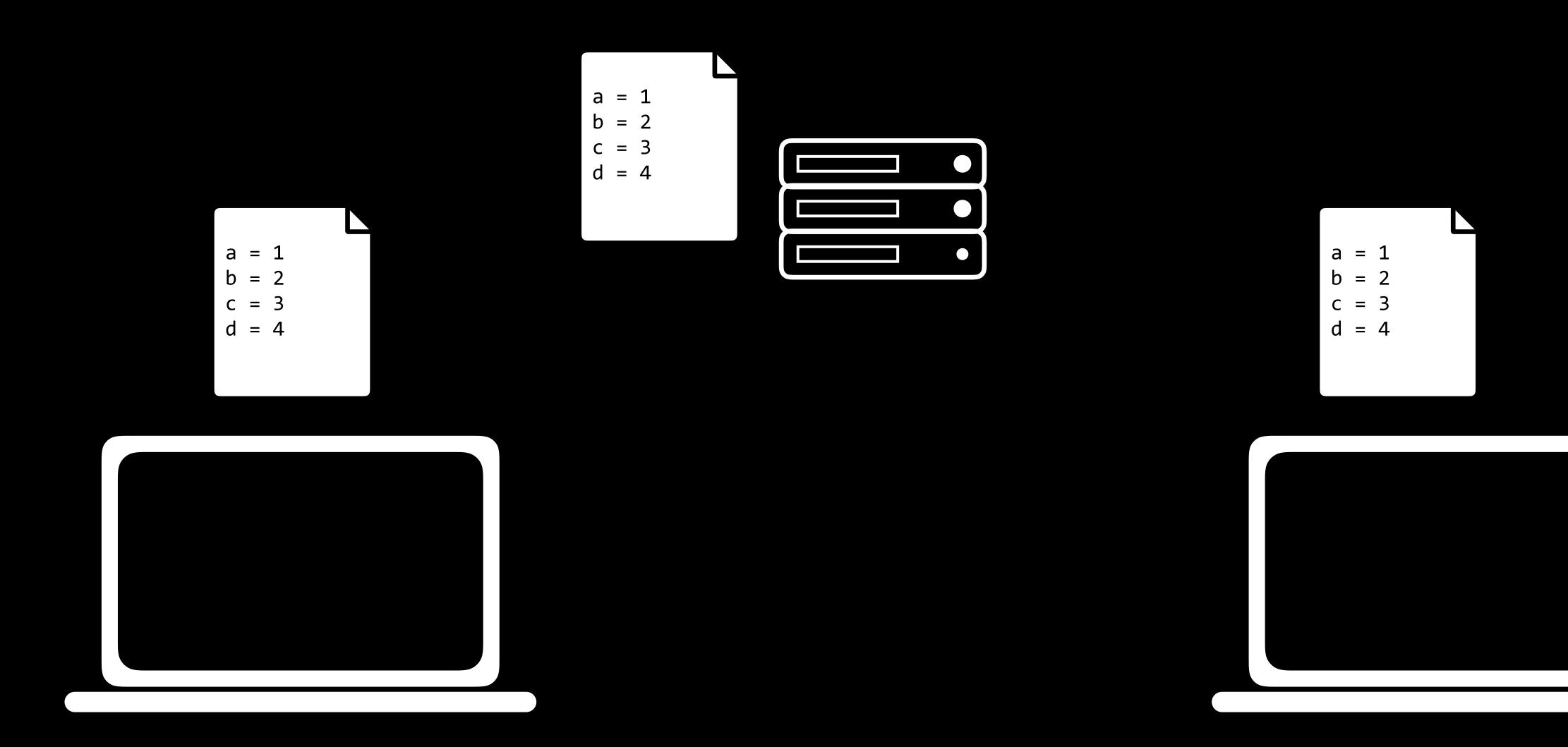






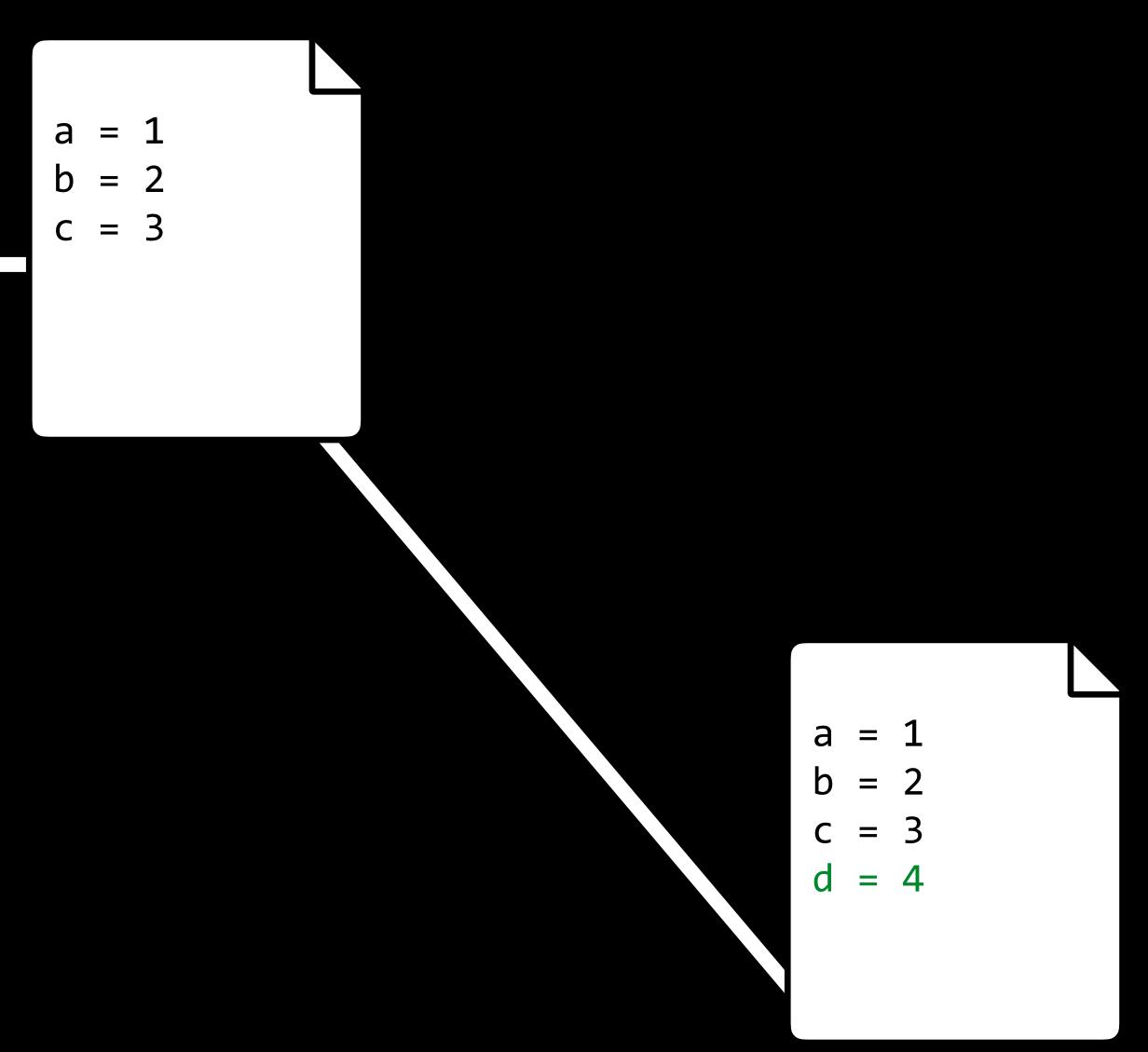




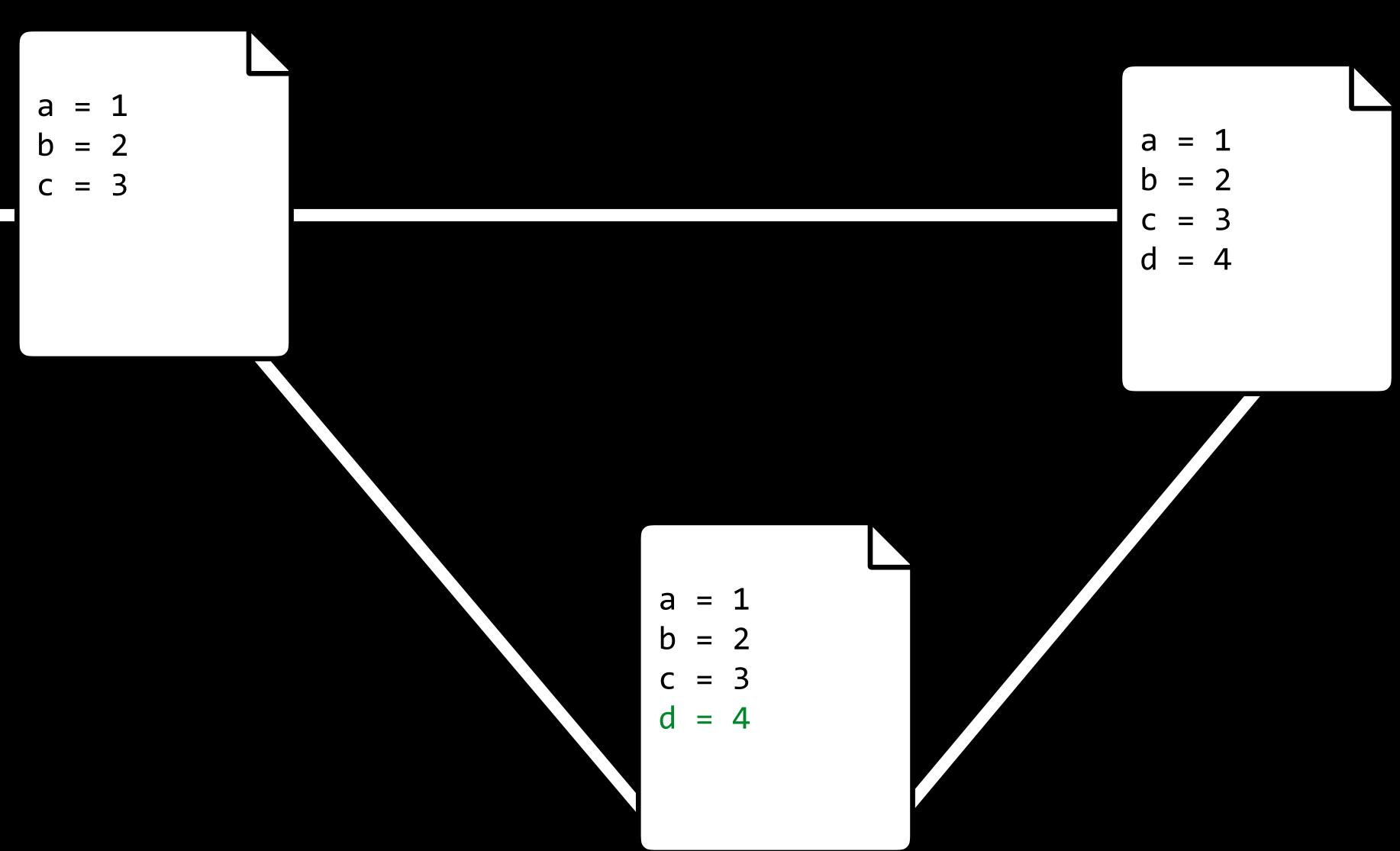


Test changes to code without losing the original.

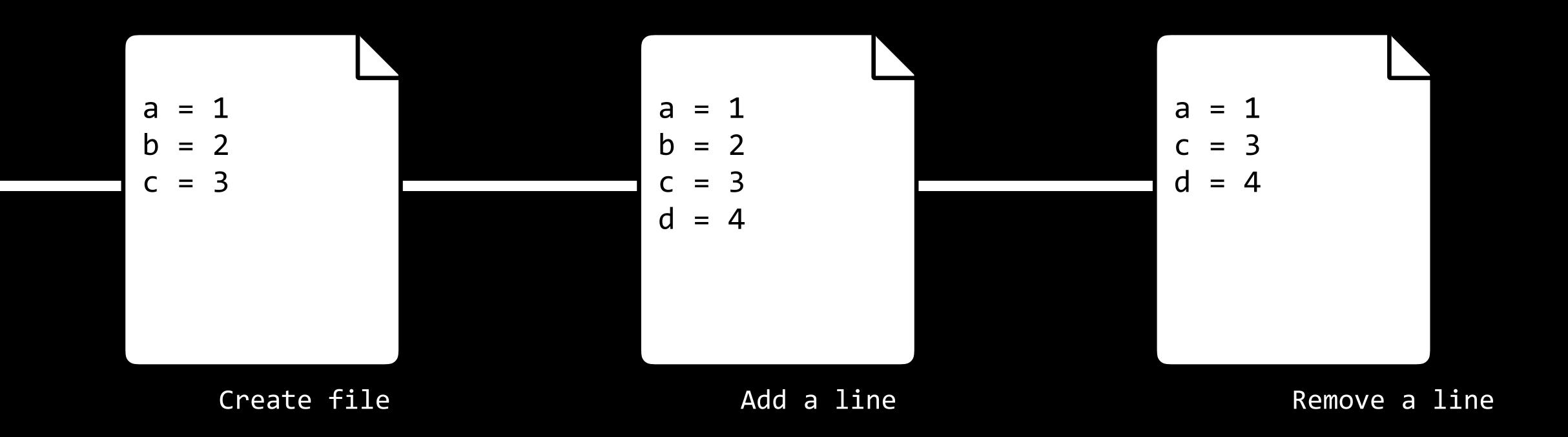
a = 1 b = 2 c = 3 Test changes to code without losing the original.



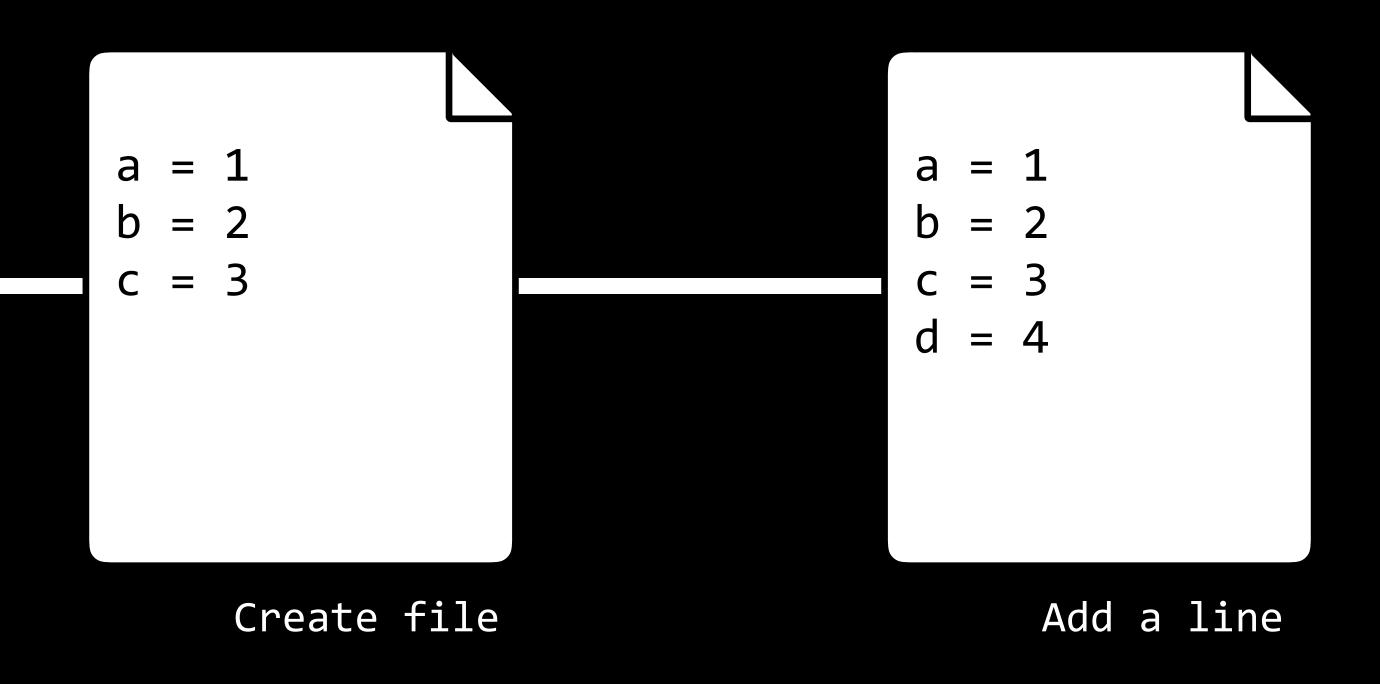
Test changes to code without losing the original.



Revert back to old versions of code.



Revert back to old versions of code.

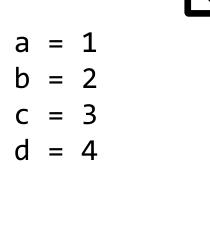


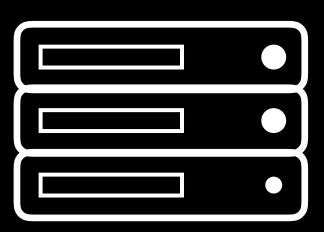
GitHub

git clone

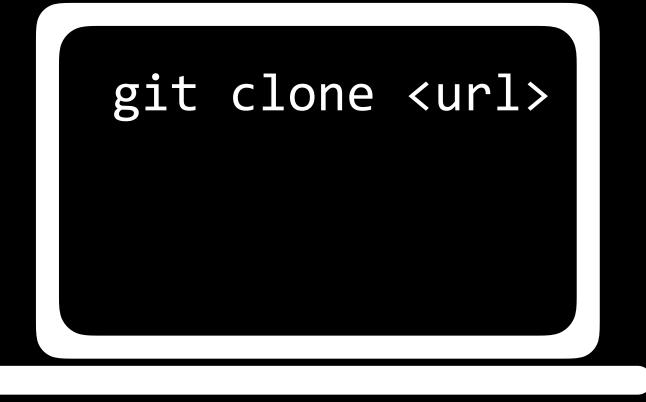
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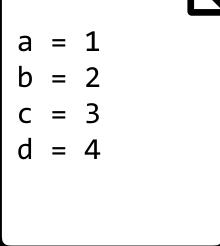


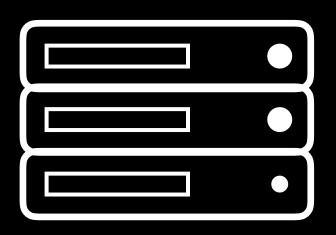




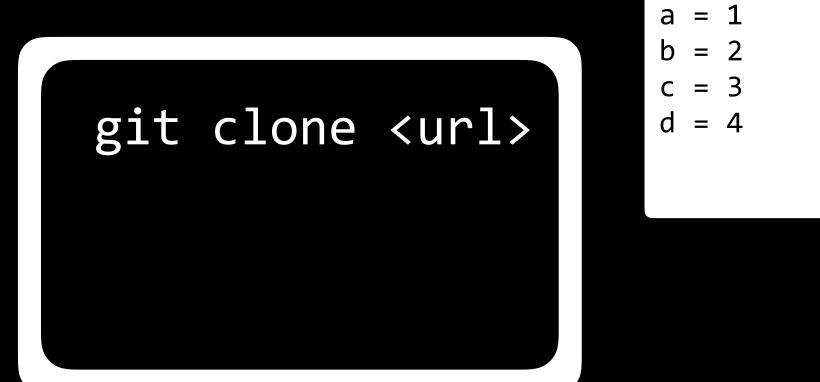
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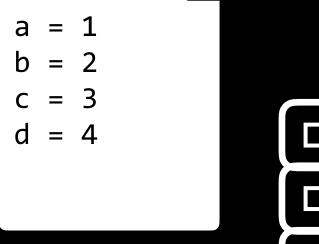


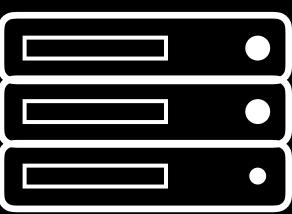




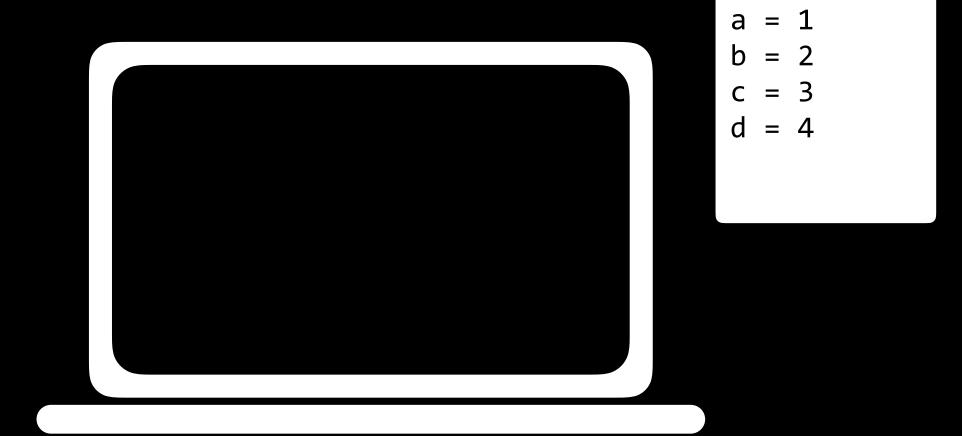
git clone <url>

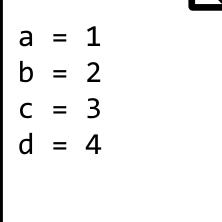


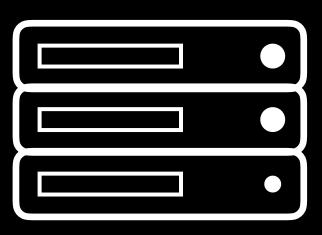




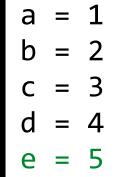
git add

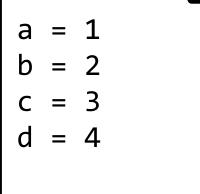


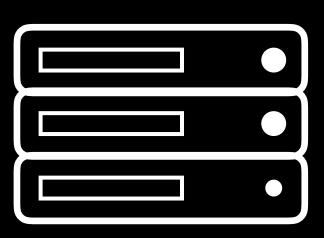


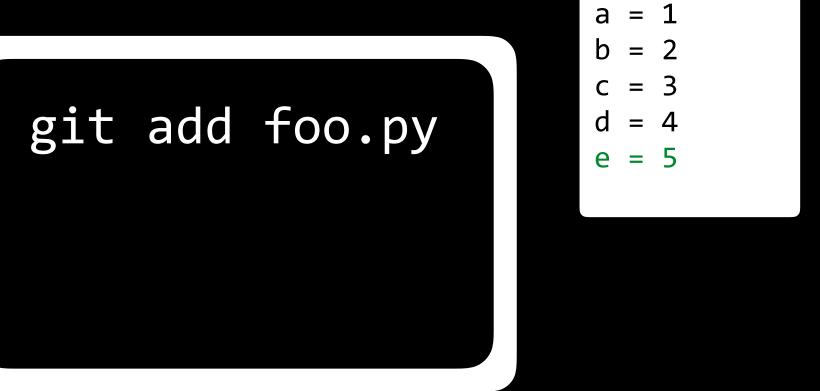




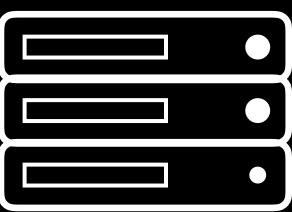


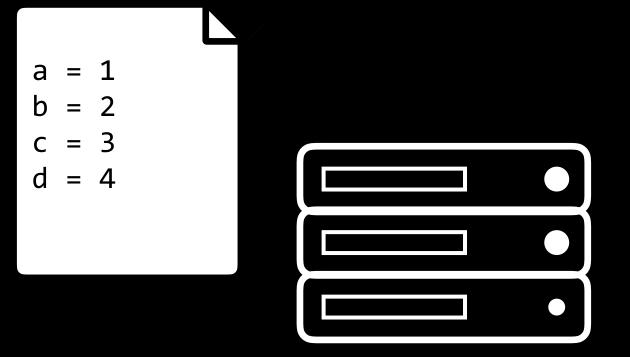






a = 1 b = 2 c = 3 d = 4





git add foo.py

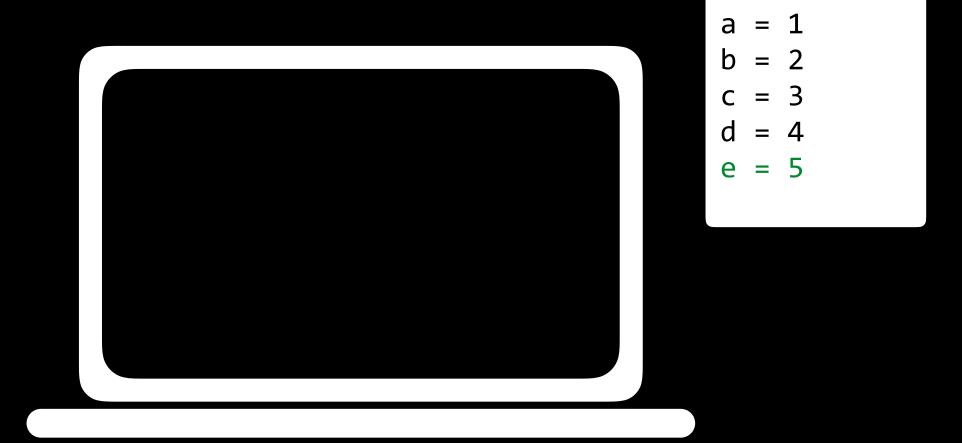
a = 1 b = 2 c = 3 d = 4 e = 5

Changes to be committed:

modified: foo.py

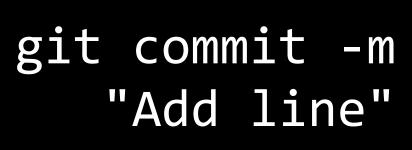
git commit

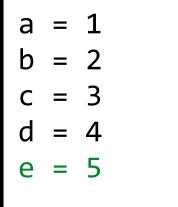
git commit -m "message"

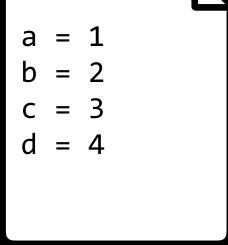


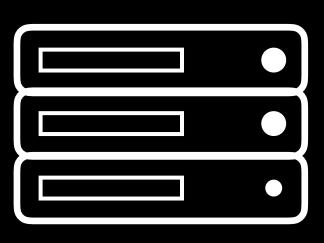


git commit -m "message"



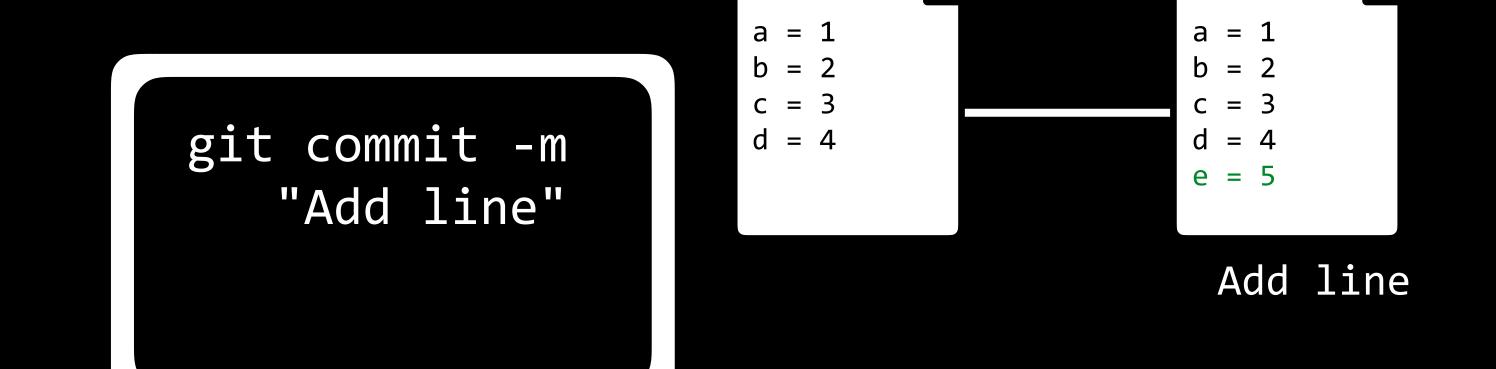


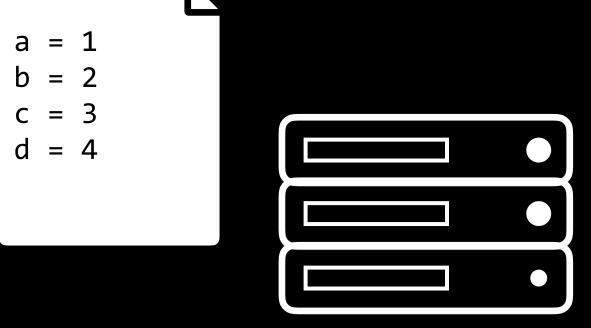


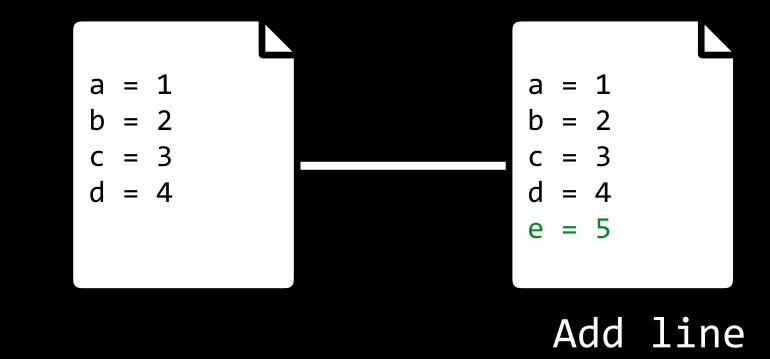


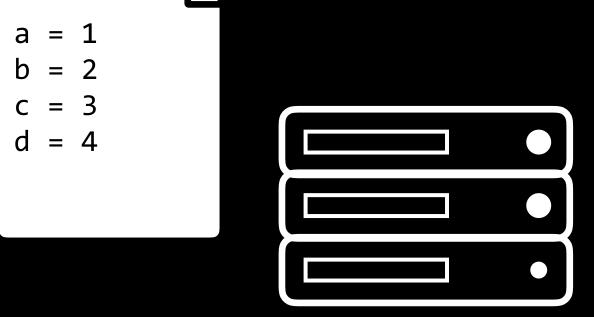
git commit -m "message"

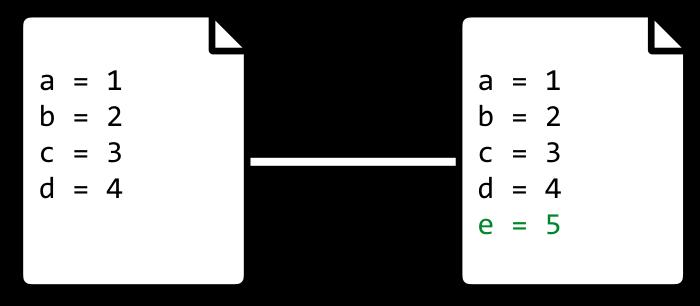






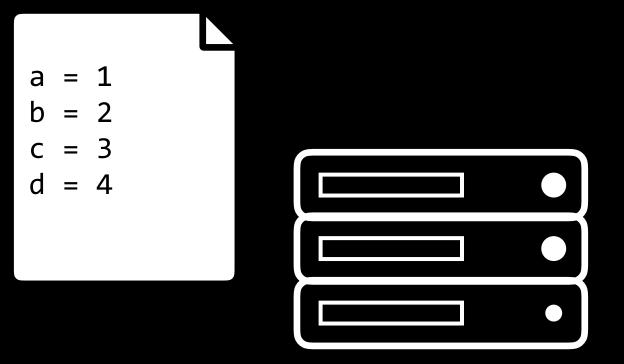




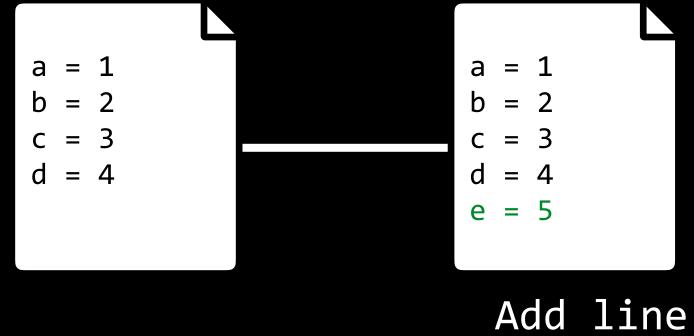


git status

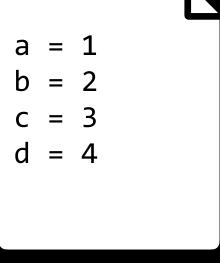
Add line

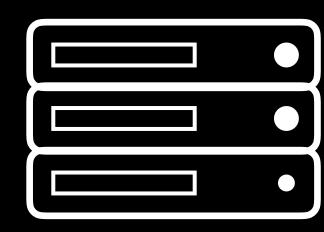


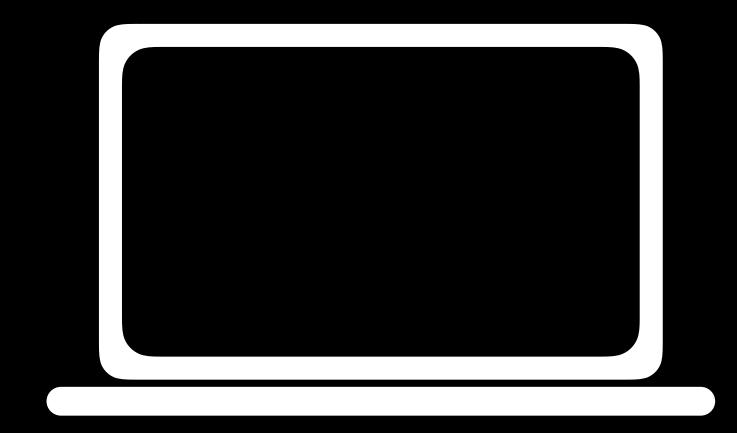


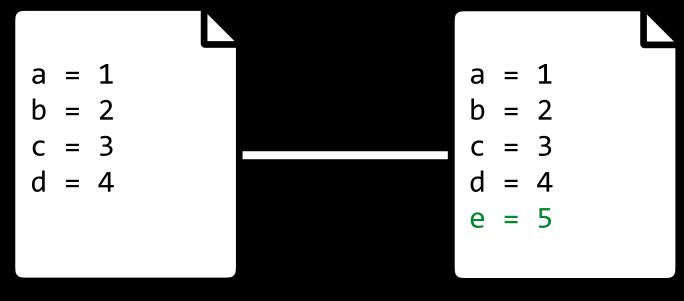


On branch master
Your branch is ahead of 'origin/master' by 1 commit.
(use "git push" to publish your local commits)

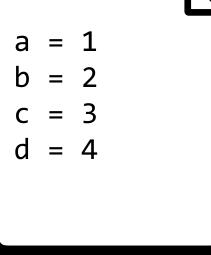


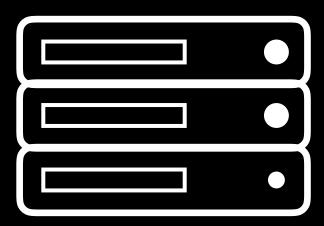




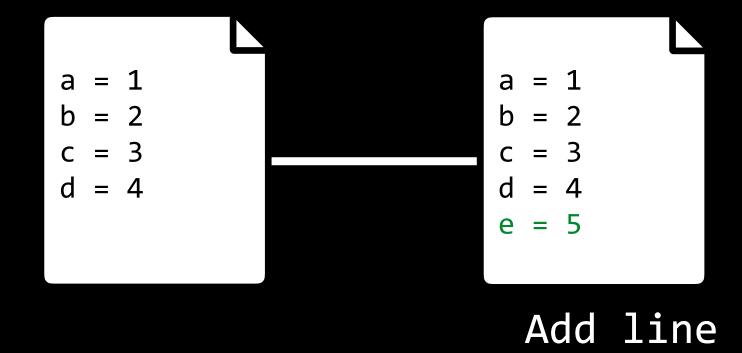


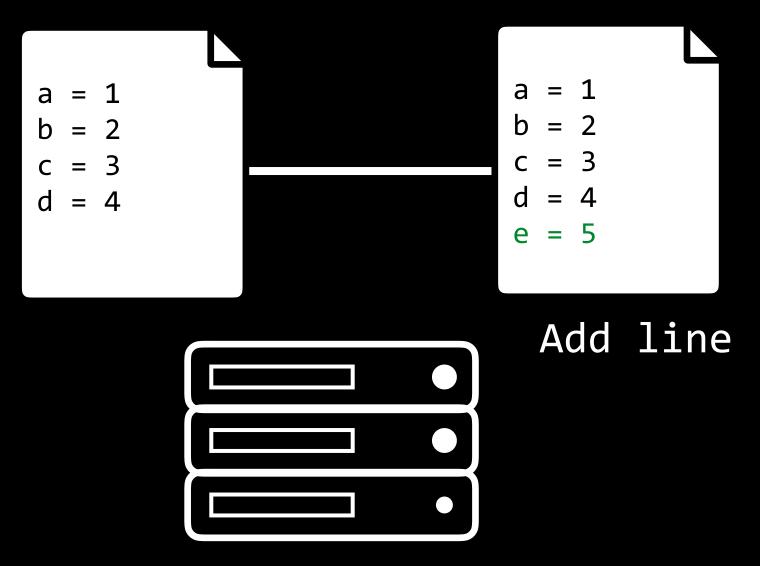
Add line



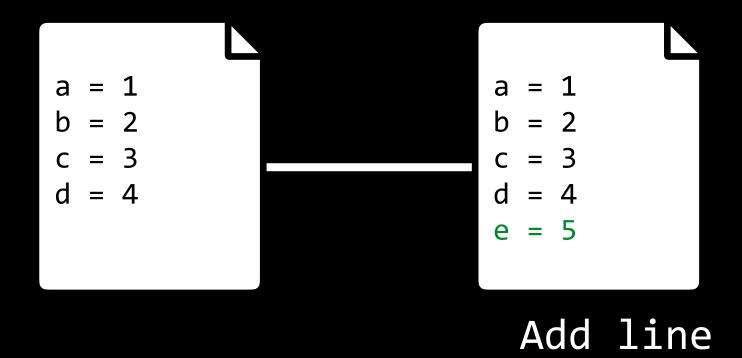




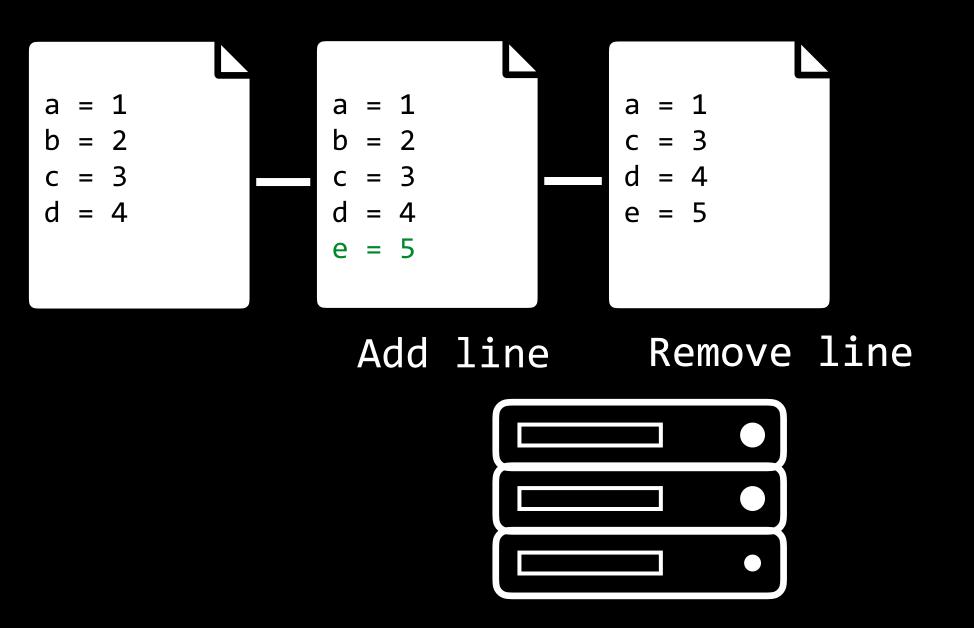




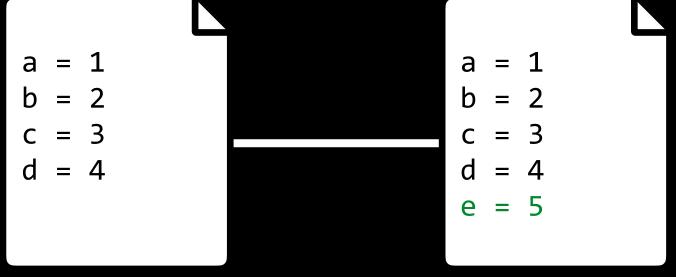




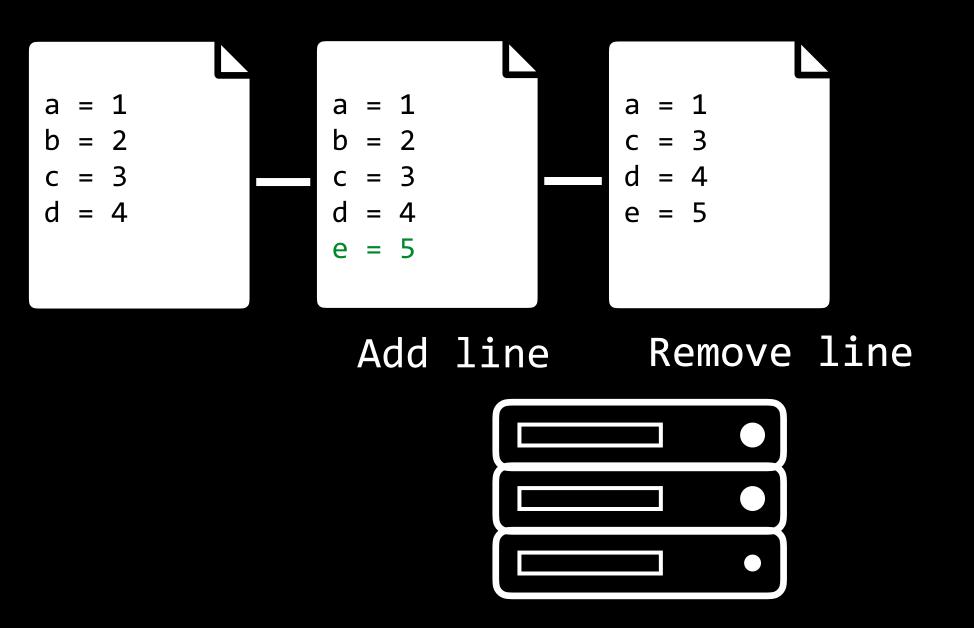
git pull



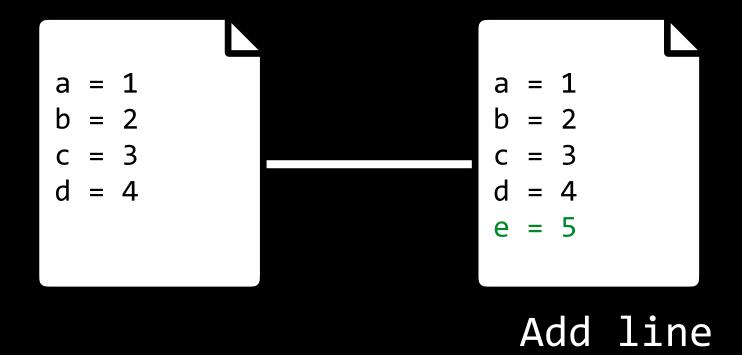


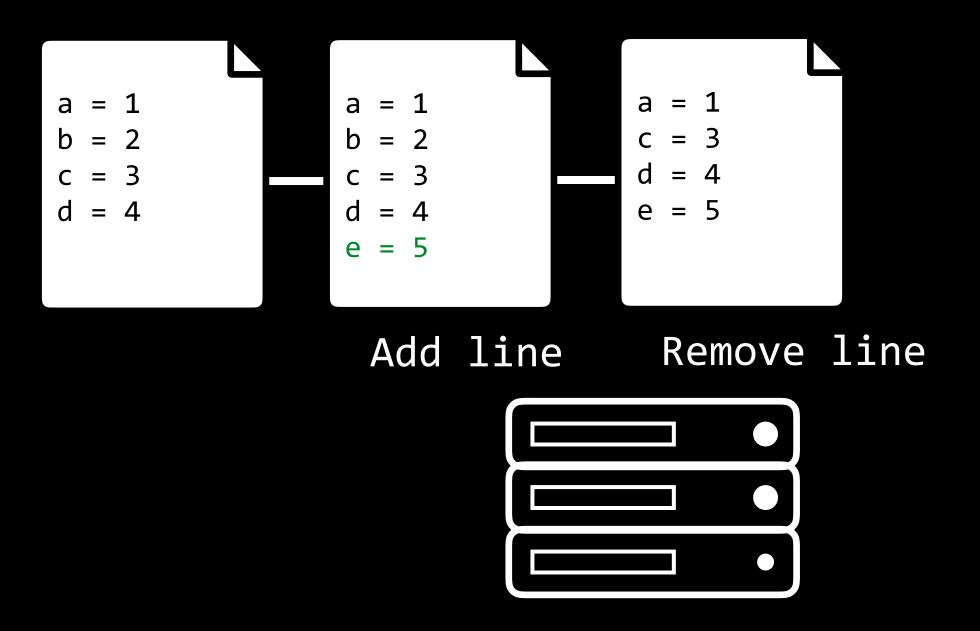


Add line

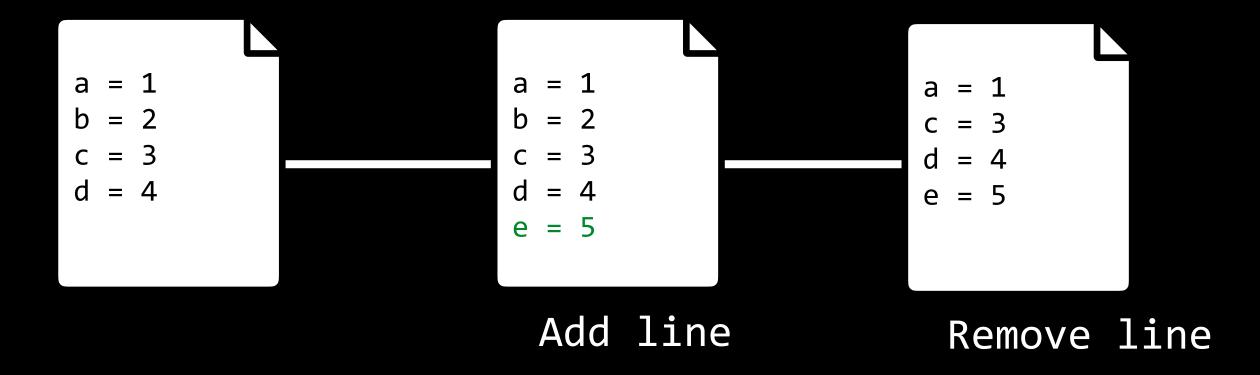


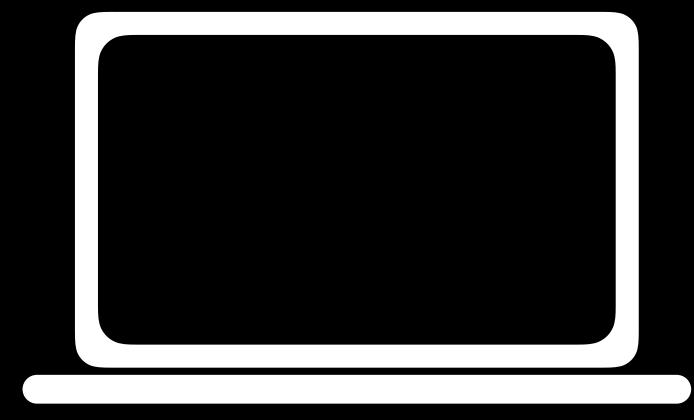












git pull

CONFLICT (content): Merge conflict in foo.py Automatic merge failed; fix conflicts and then commit the result.

```
a = 1
<<<<< HEAD
b = 2
=====
b = 0
>>>>> 57656c636f6d6520746f20576562
c = 3
d = 4
e = 5
```

git pull

your changes

remote changes

```
a = 1
<<<<< HEAD
b = 2
=====
b = 0
>>>>> 57656c636f6d6520746f20576562
c = 3
d = 4
e = 5
```

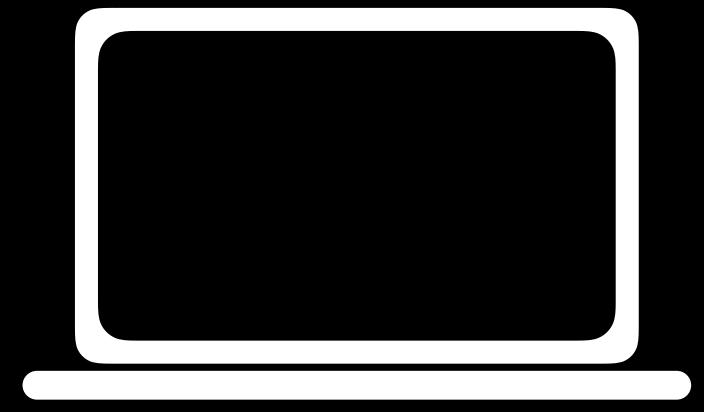
$$a = 1$$

$$b = 2$$

$$c = 3$$

$$d = 4$$

$$e = 5$$



git log

git log

commit 436f6d6d6974204d73672048657265

Author: Brian Yu <brian@cs.harvard.edu>

Date: Tue Jan 14 14:06:28 2020 -0400

Remove a line

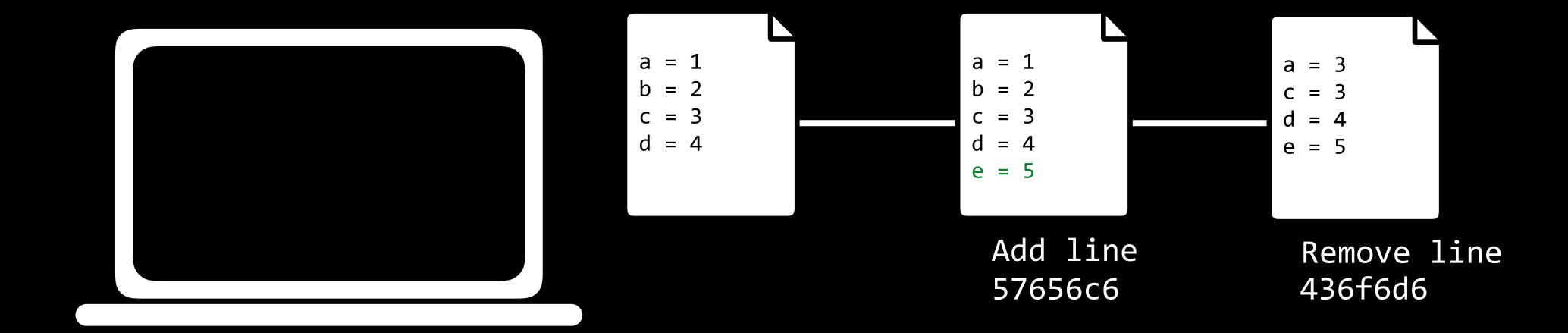
commit 57656c636f6d6520746f20576562

Author: Brian Yu <brian@cs.harvard.edu>

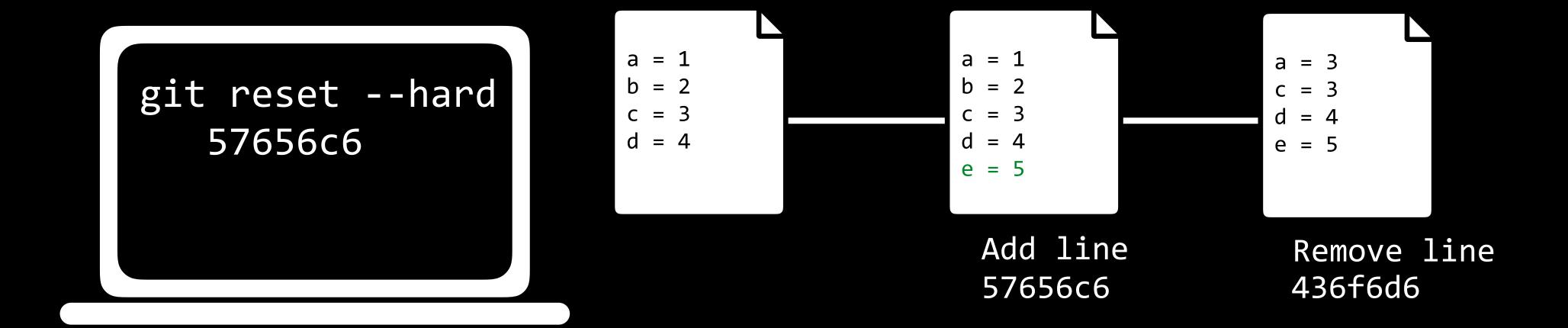
Date: Tue Jan 14 14:05:28 2020 -0400

Add a line

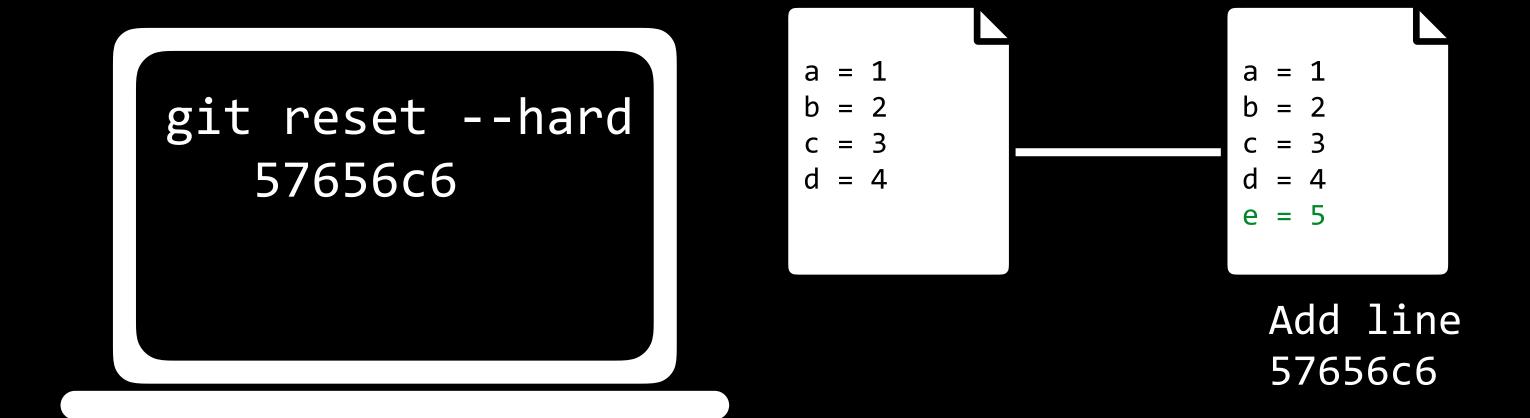
- git reset --hard <commit>
- git reset --hard origin/master



- git reset --hard <commit>
- git reset --hard origin/master



- git reset --hard <commit>
- git reset --hard origin/master



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