

3.– 6. September 2012
in Nürnberg



Herbstcampus

Wissenstransfer
par excellence

Besser Gits nicht

Best Practices mit GIT

Martin Dilger

PENTASYS AG







Source Code

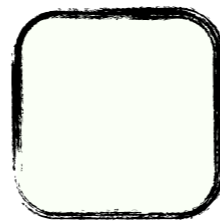
unter:

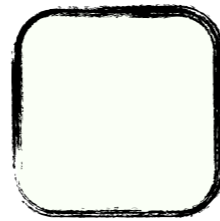
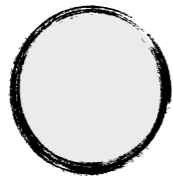
ssh://user@

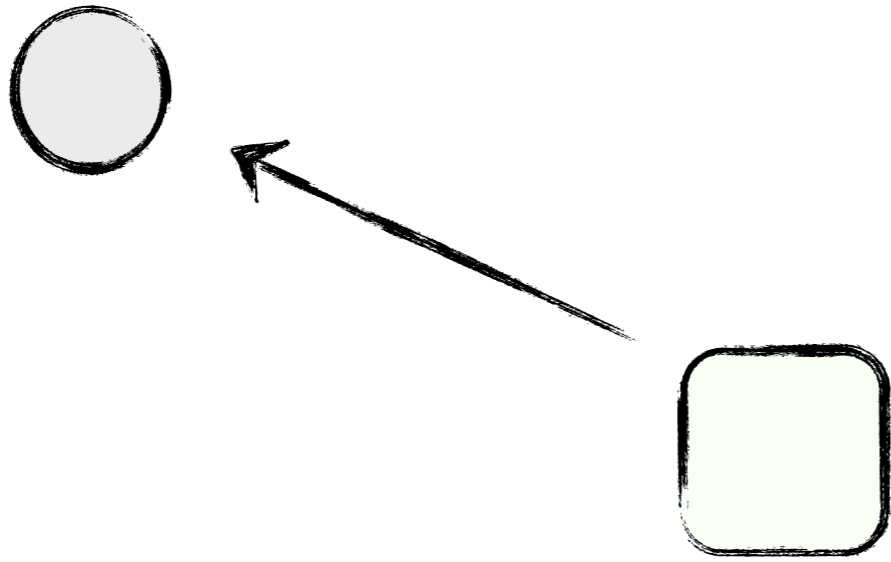
127.0.0.1/

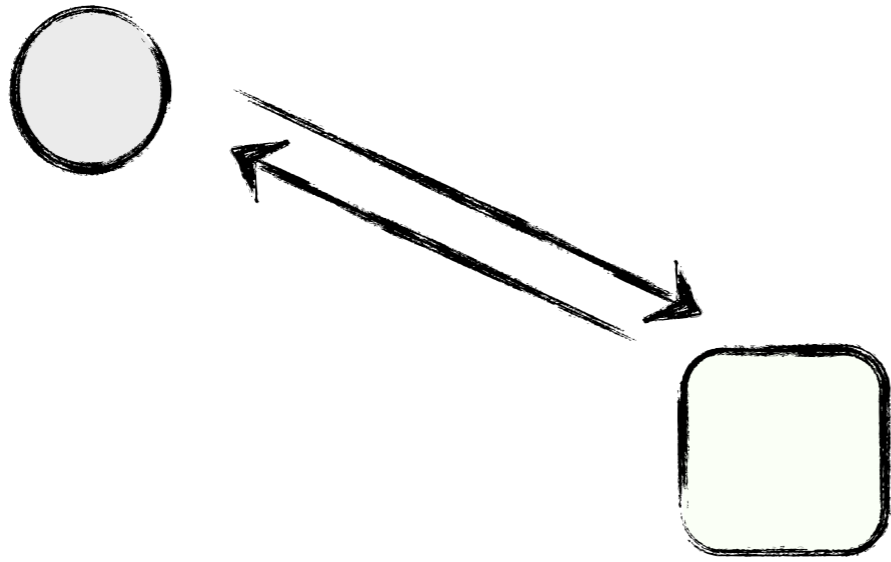
git

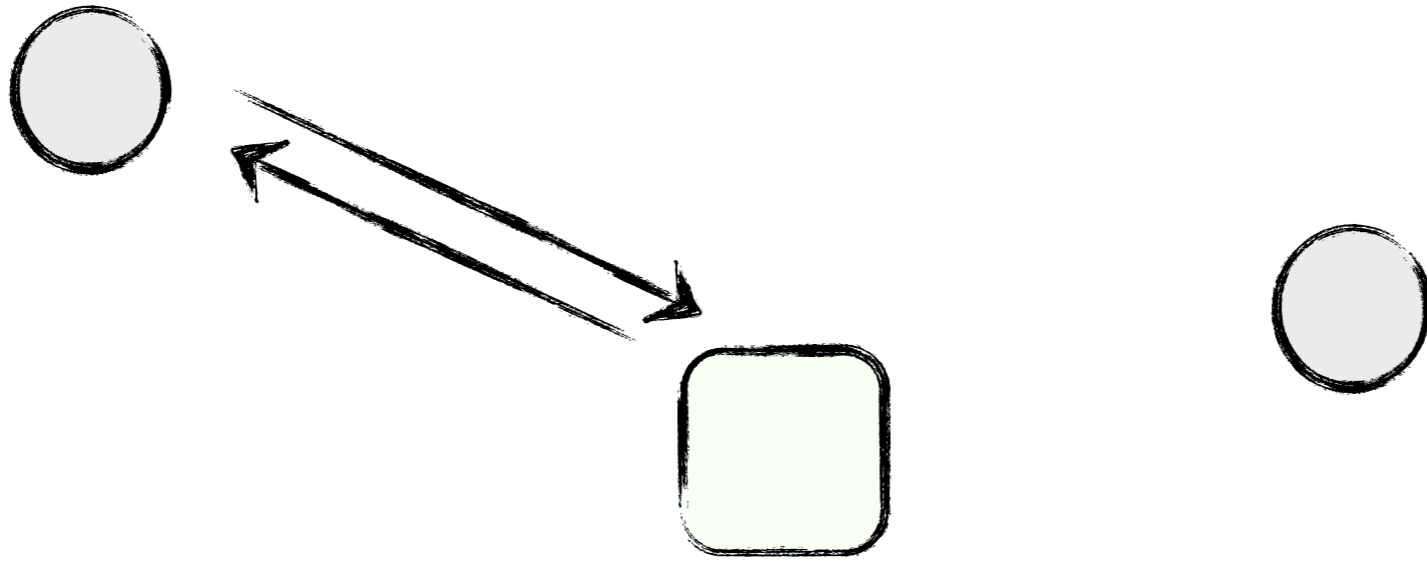


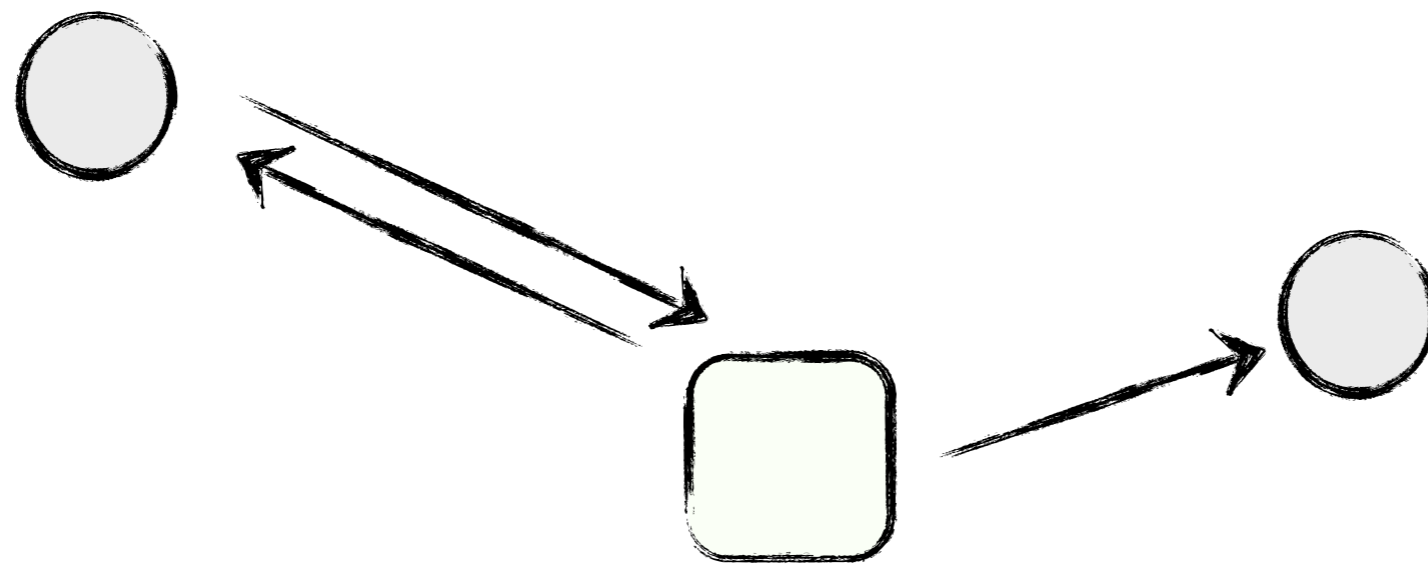


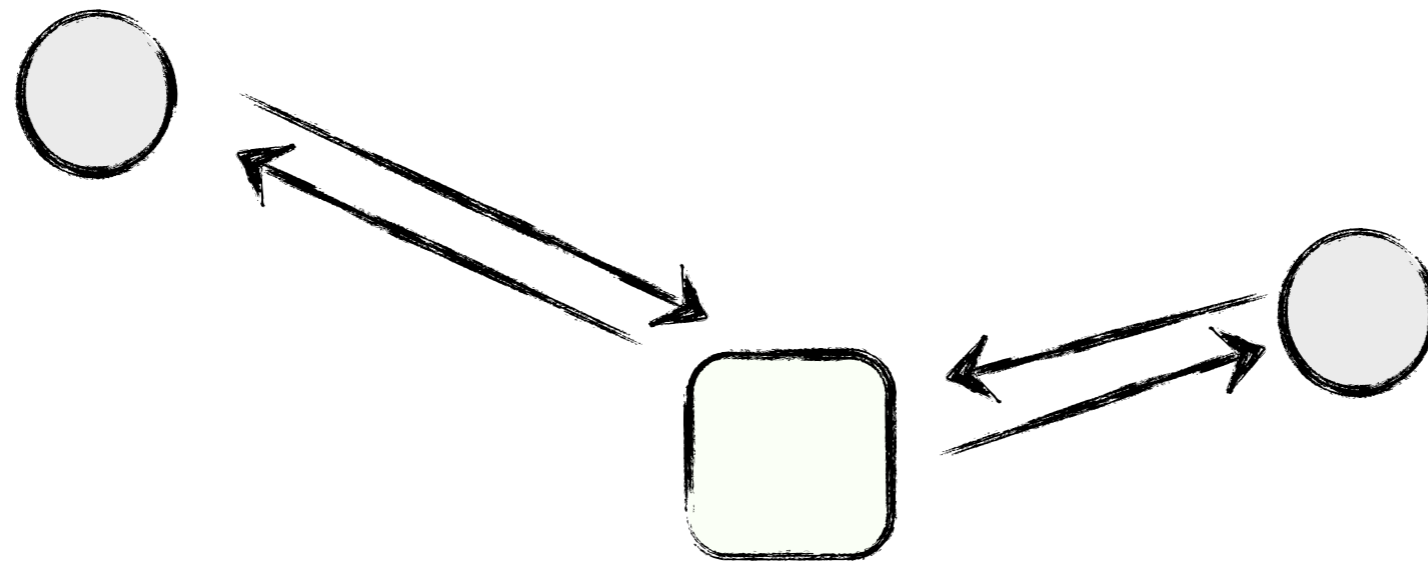


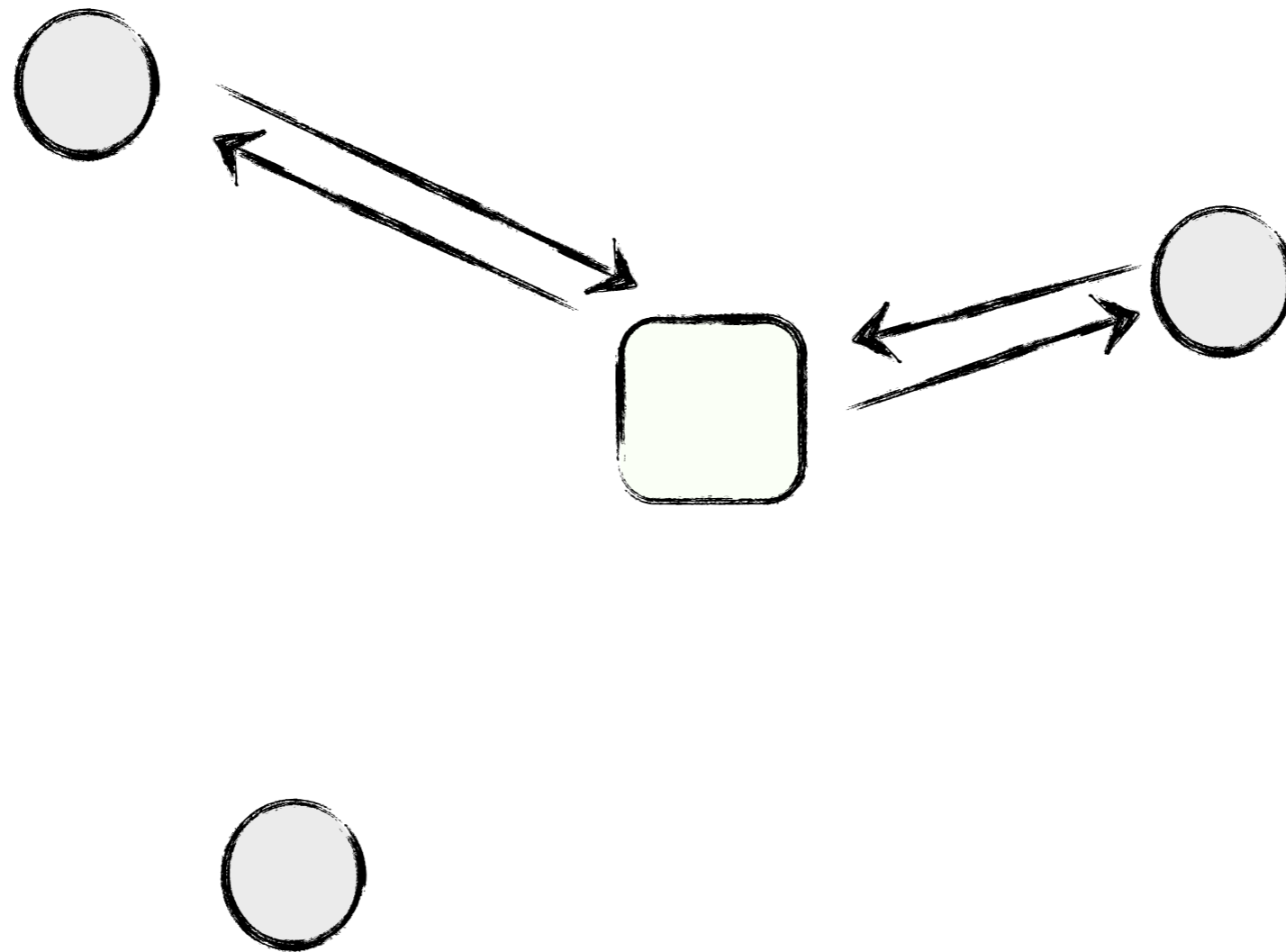


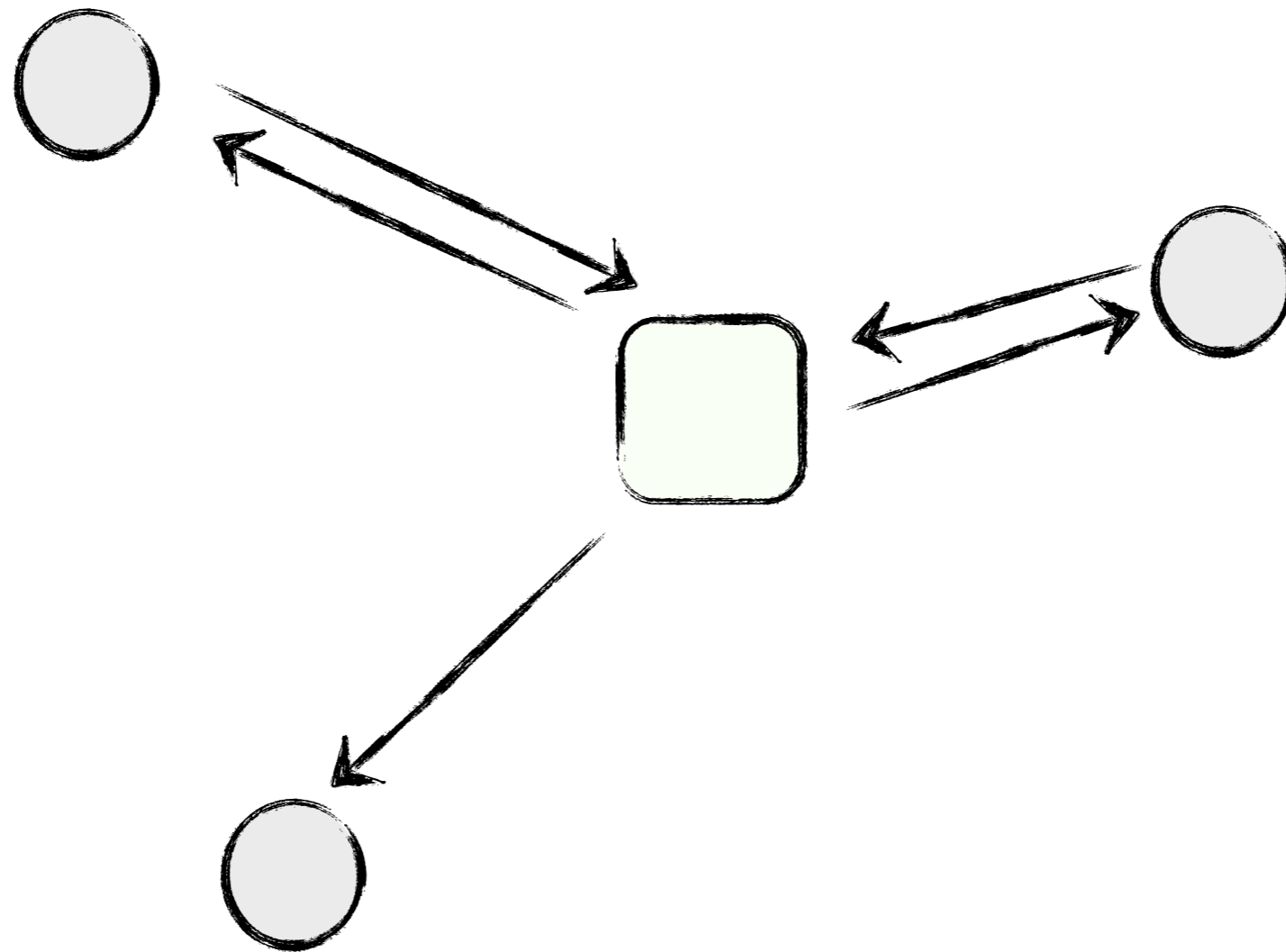


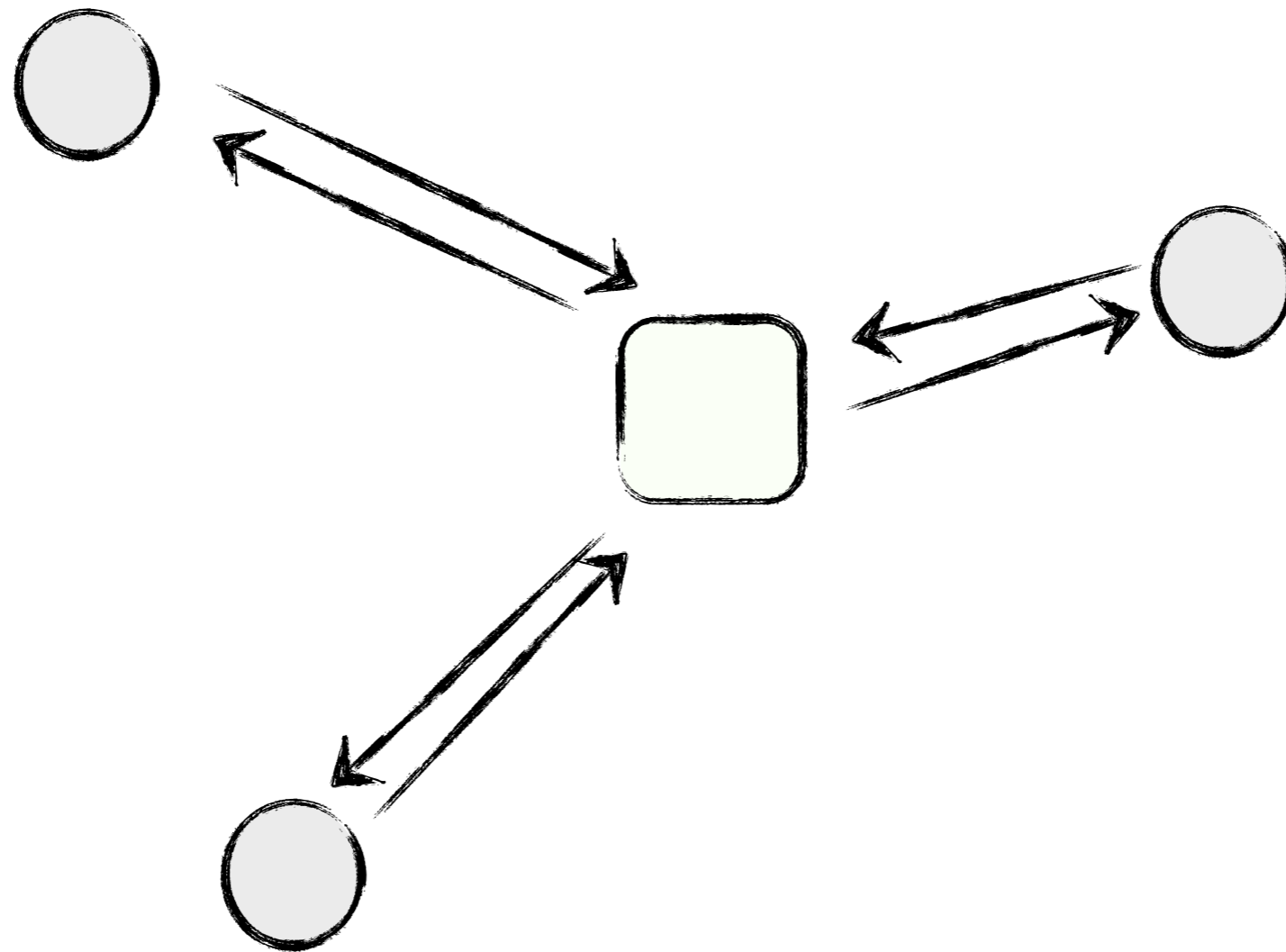






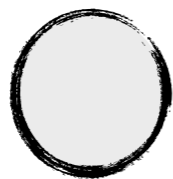
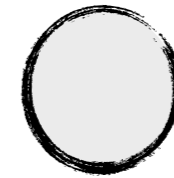
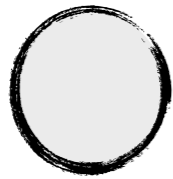


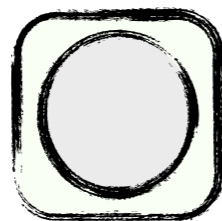
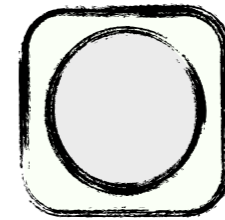
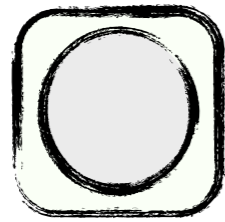


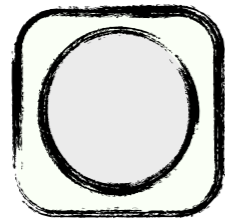




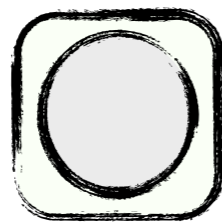
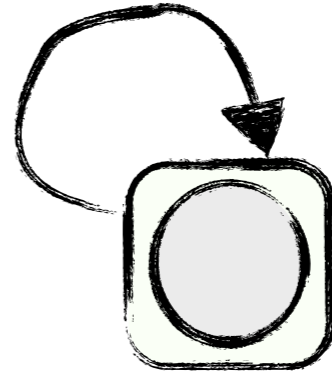
git



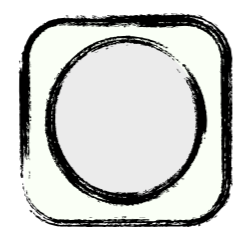
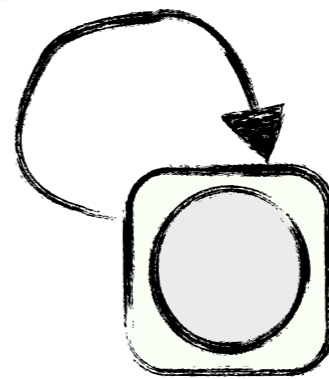
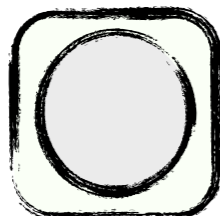


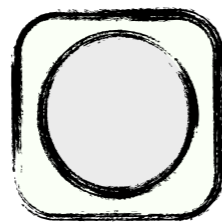
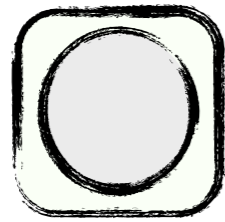


Commit

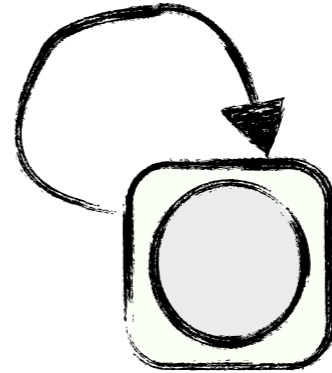


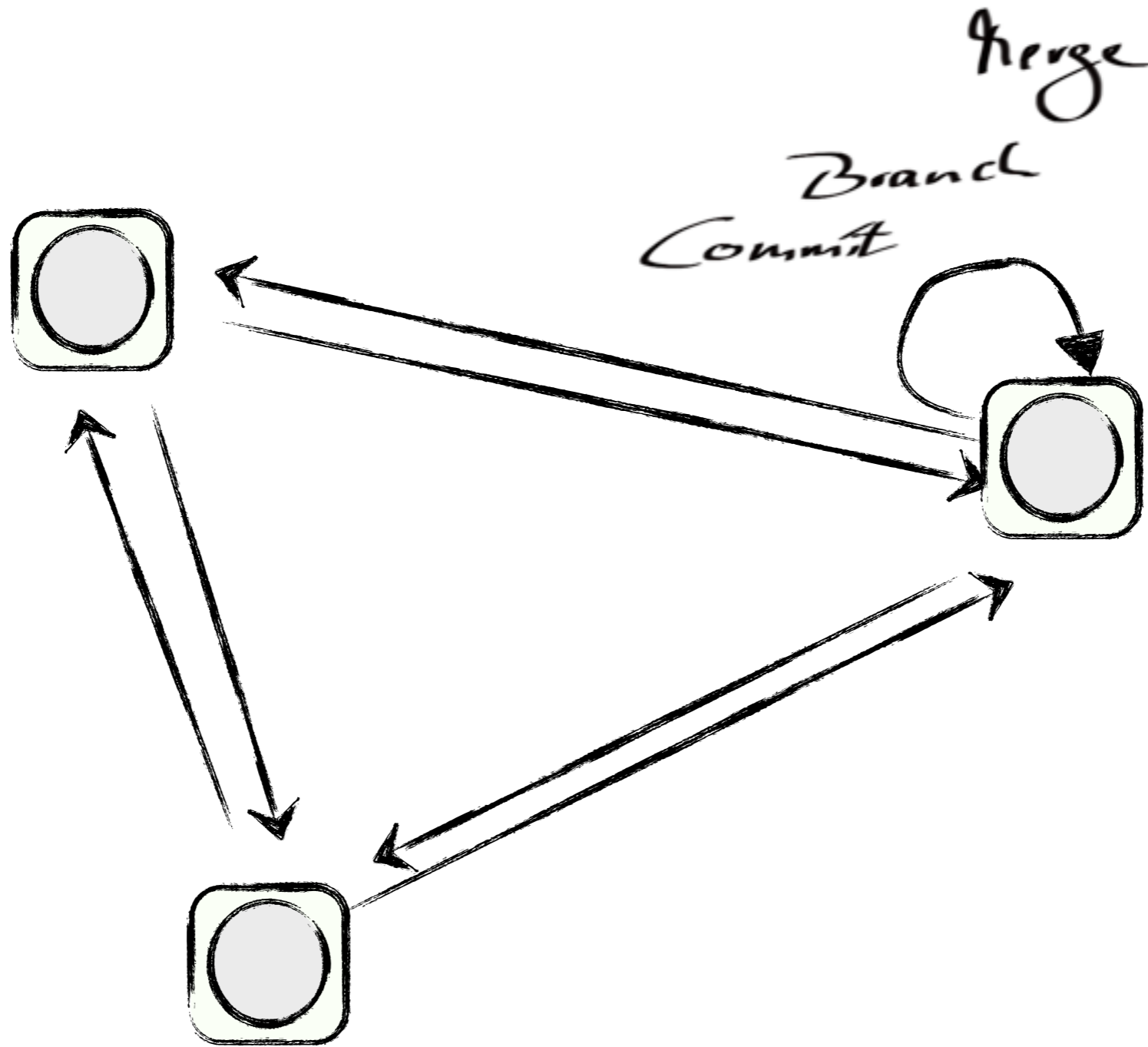
Branch
Commit

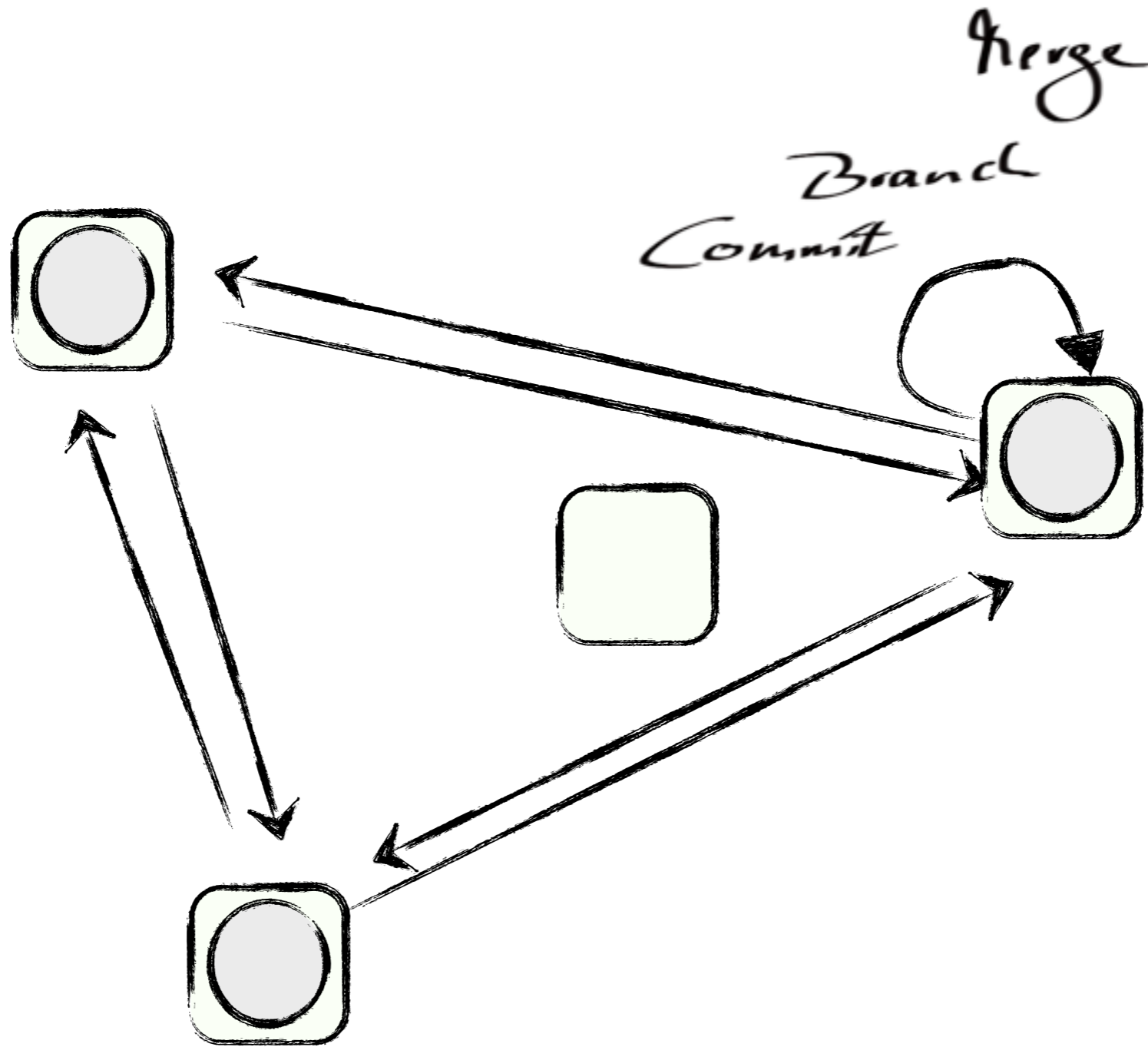


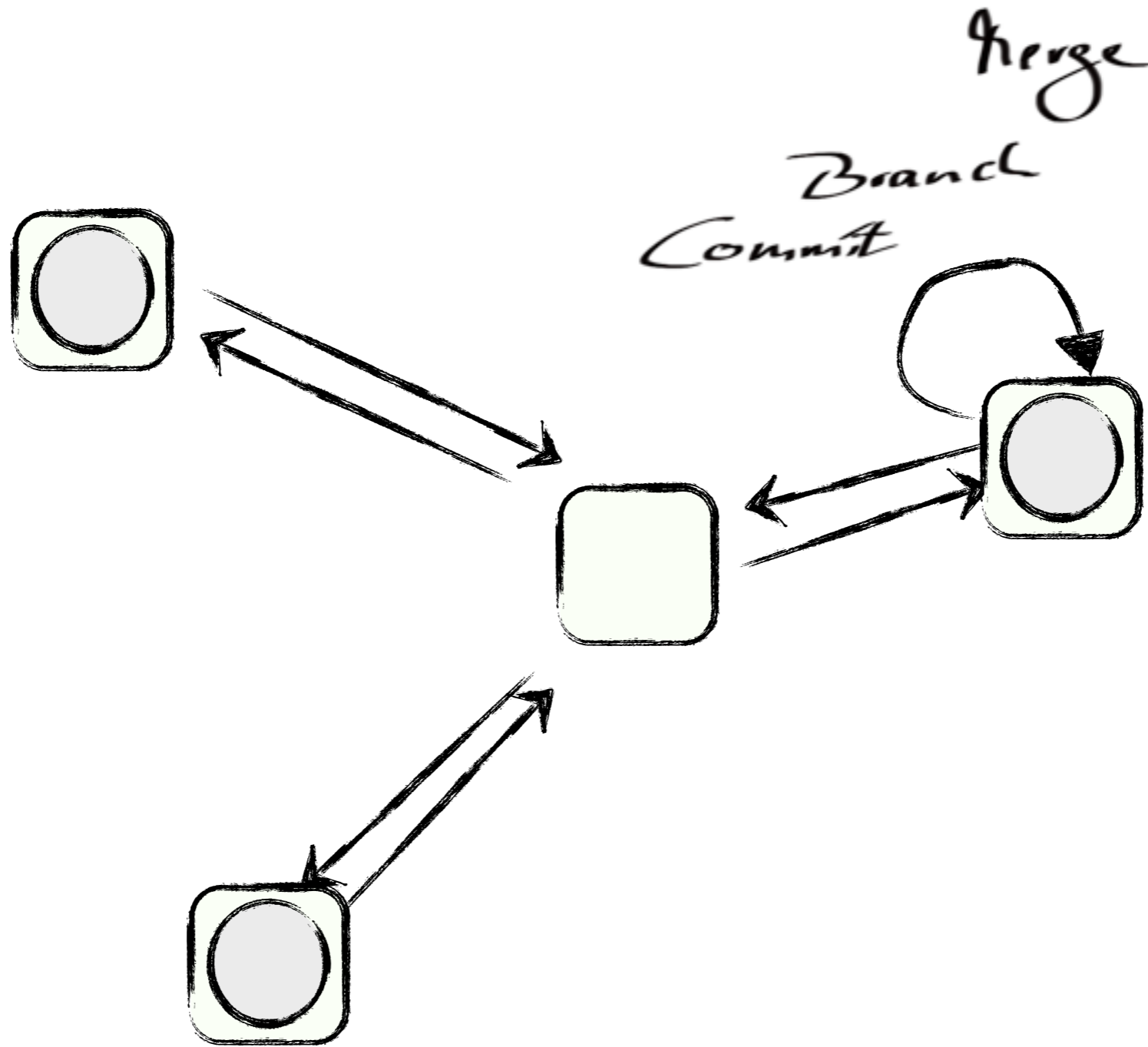


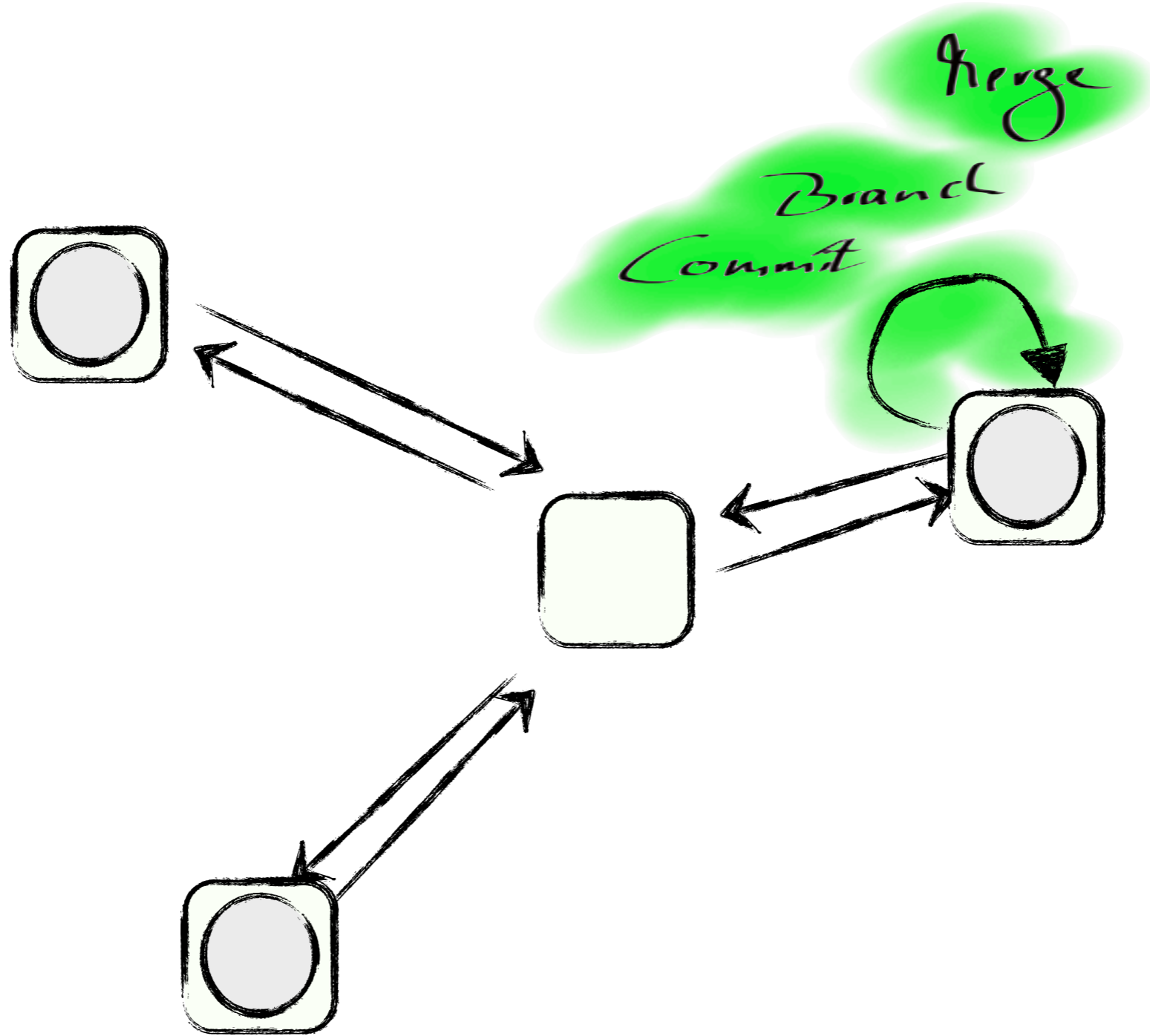
merge
Branch
Commit

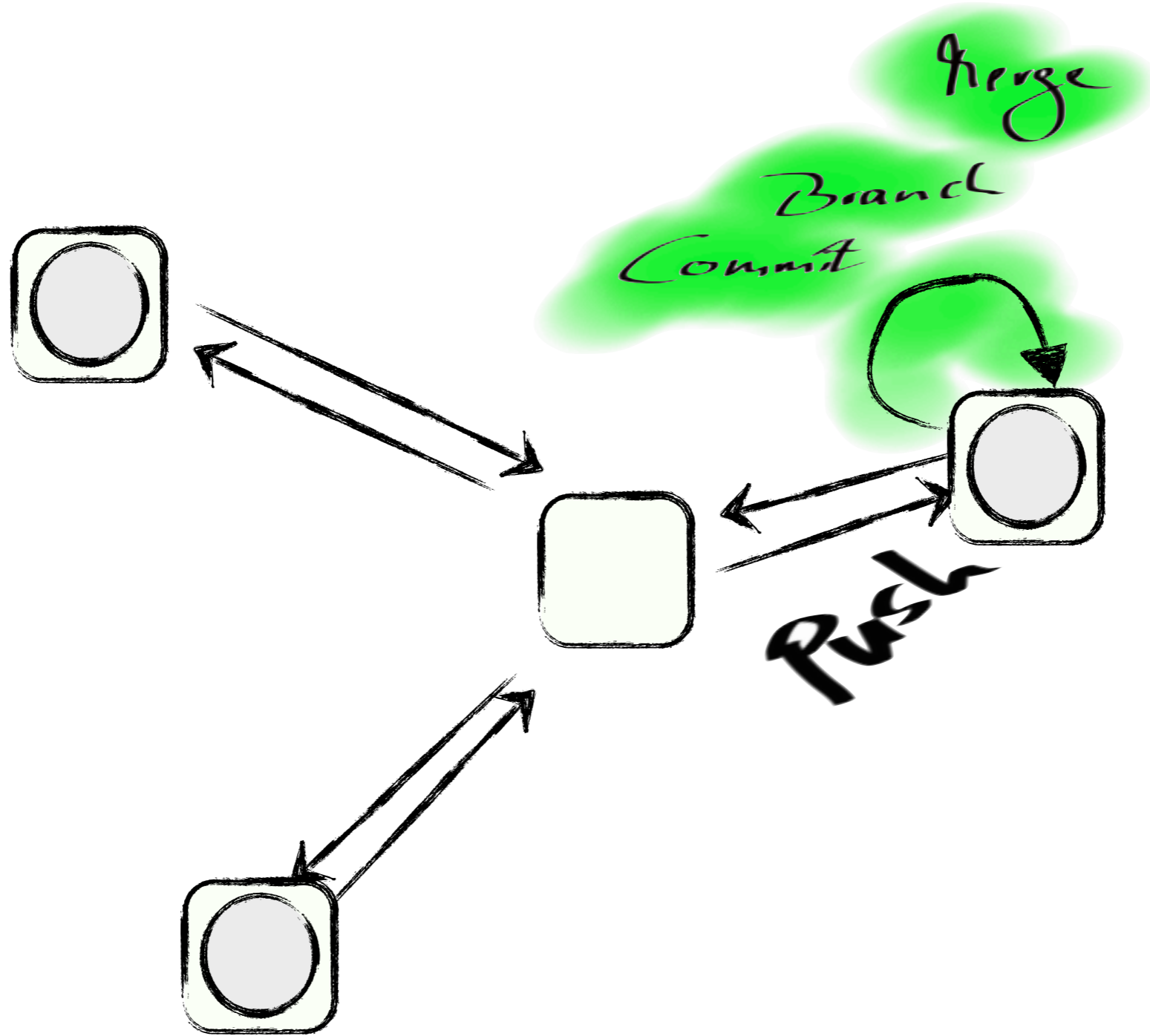














Best Practice #1



Best Practice #1

**Unterschätzen Sie die
Kommandozeile nicht!**



Best Practice #1

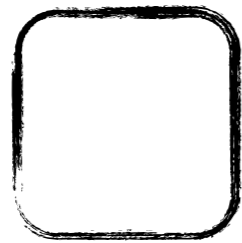
**Unterschätzen Sie die
Kommandozeile nicht!**



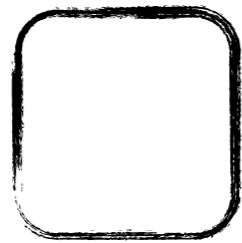
Best Practice #1

Unterschätzen Sie die
Kommandozeile nicht!

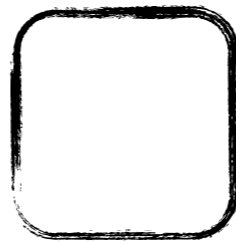




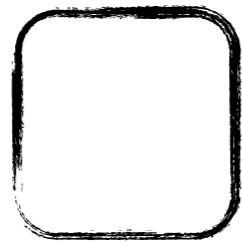
working copy



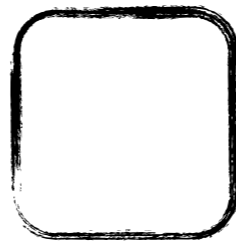
working copy



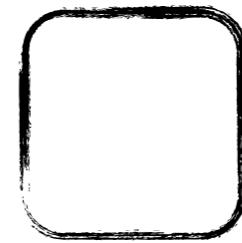
index



working copy

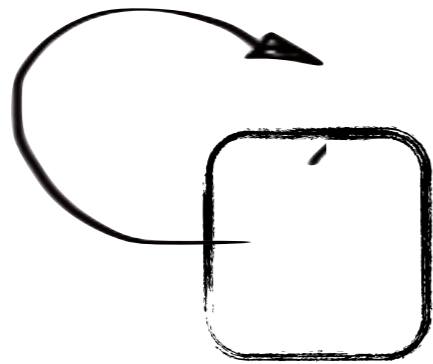


index

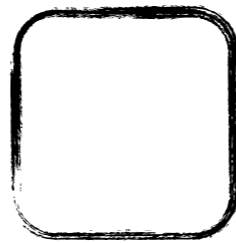


repo

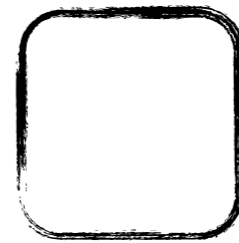
Edit



working copy



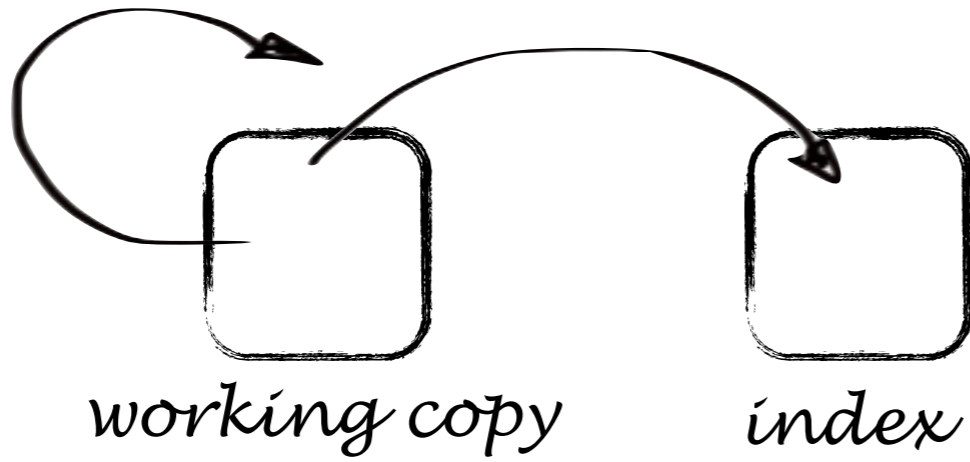
index



repo

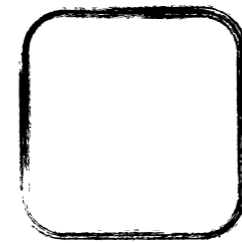
Edit

Add

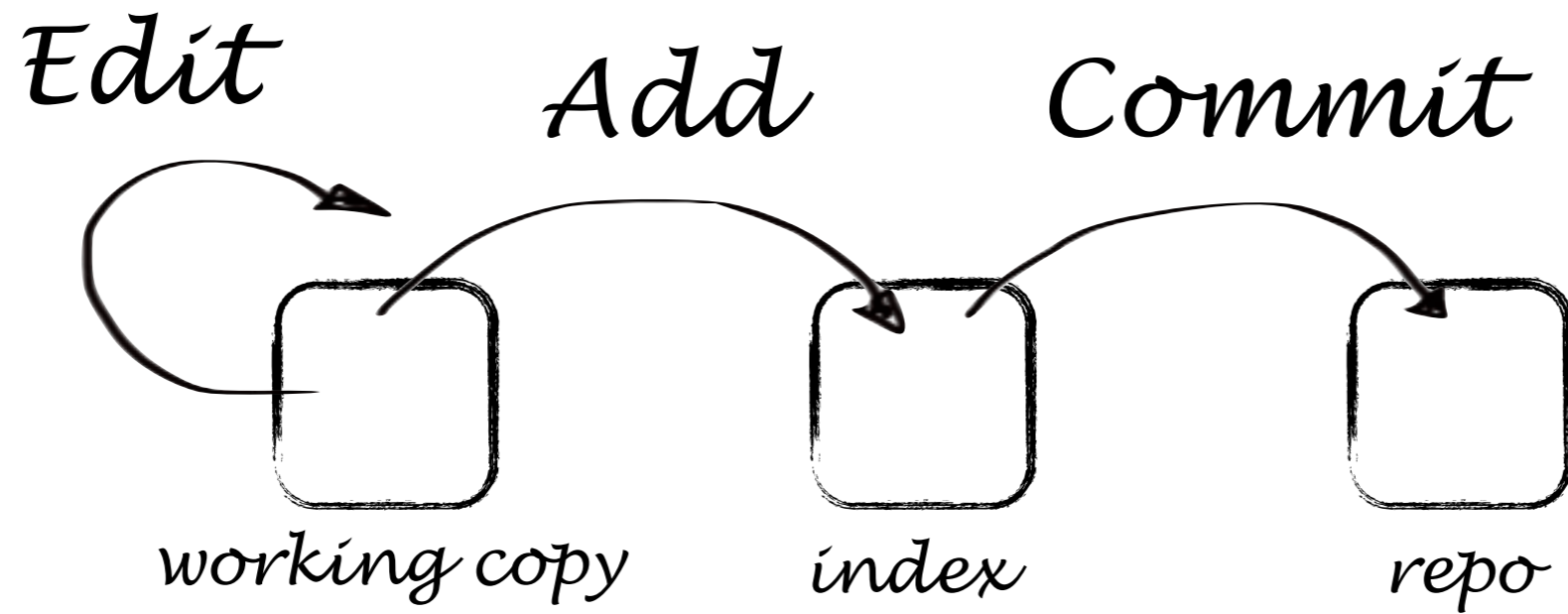


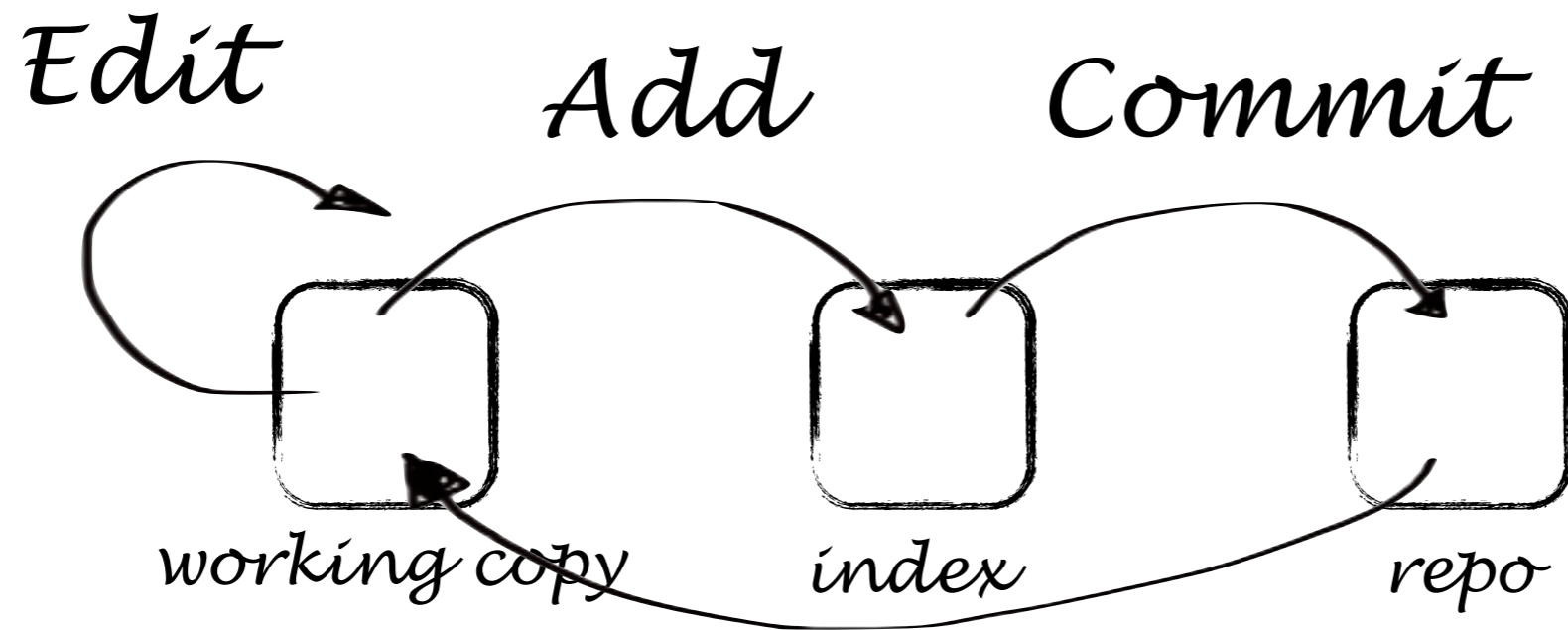
working copy

index



repo

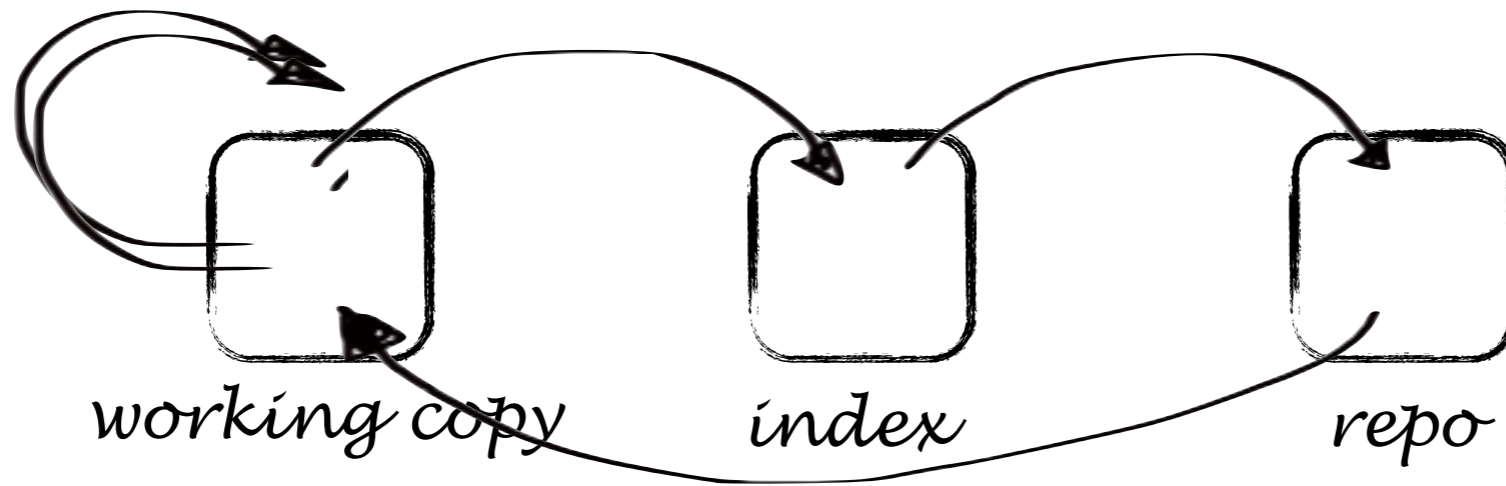




Edit

Add

Commit



working copy

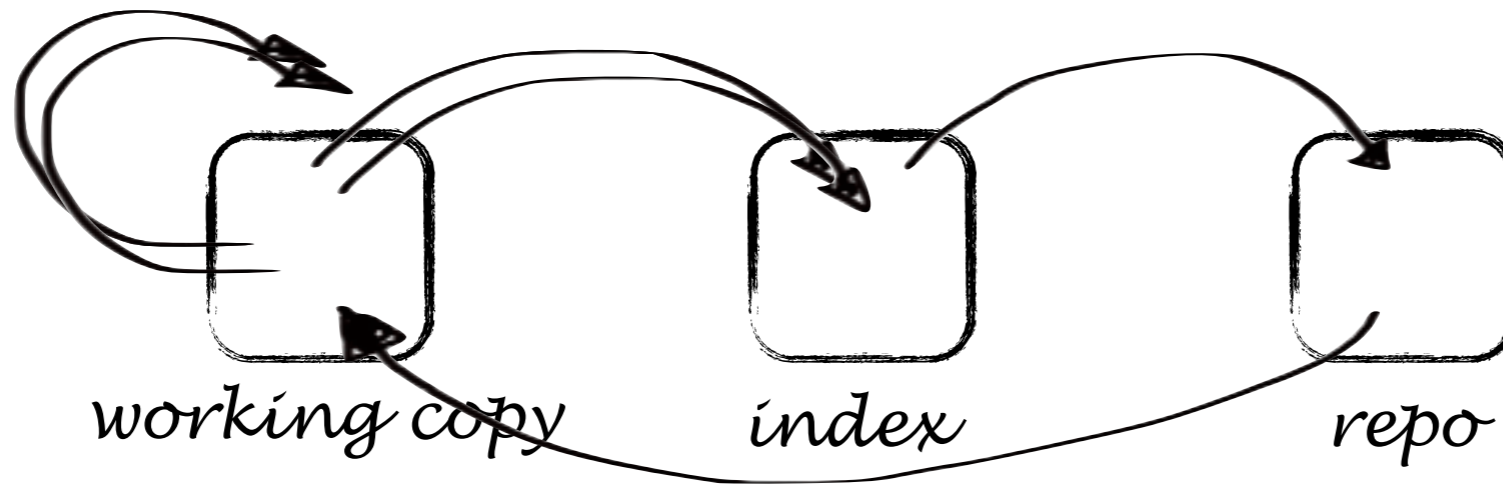
index

repo

Edit

Add

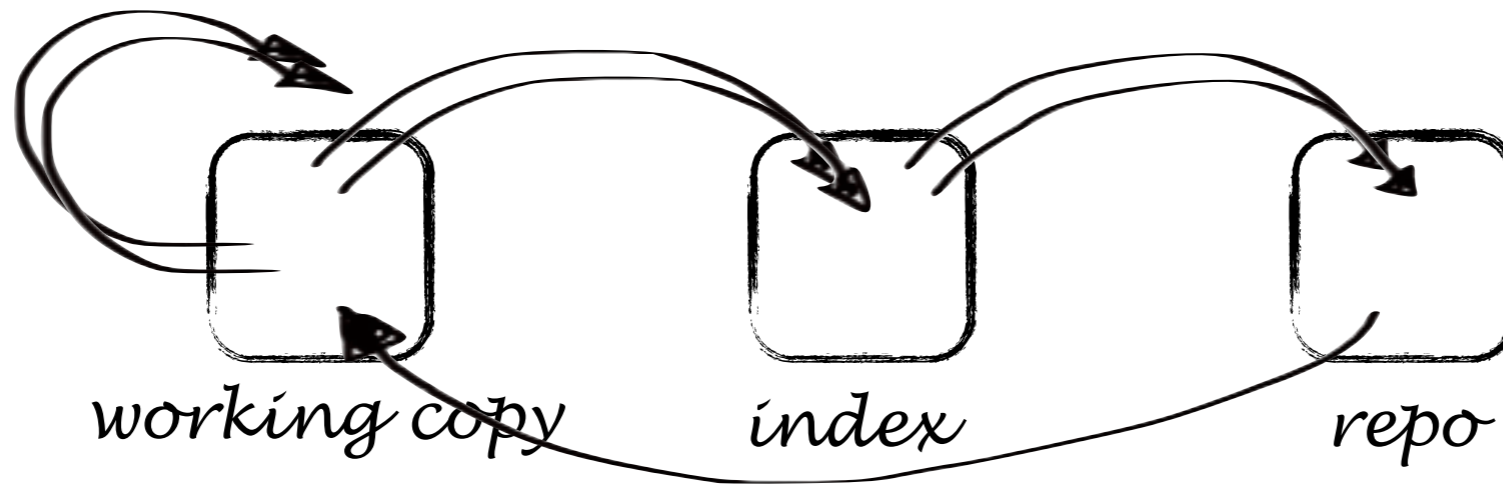
Commit



Edit

Add

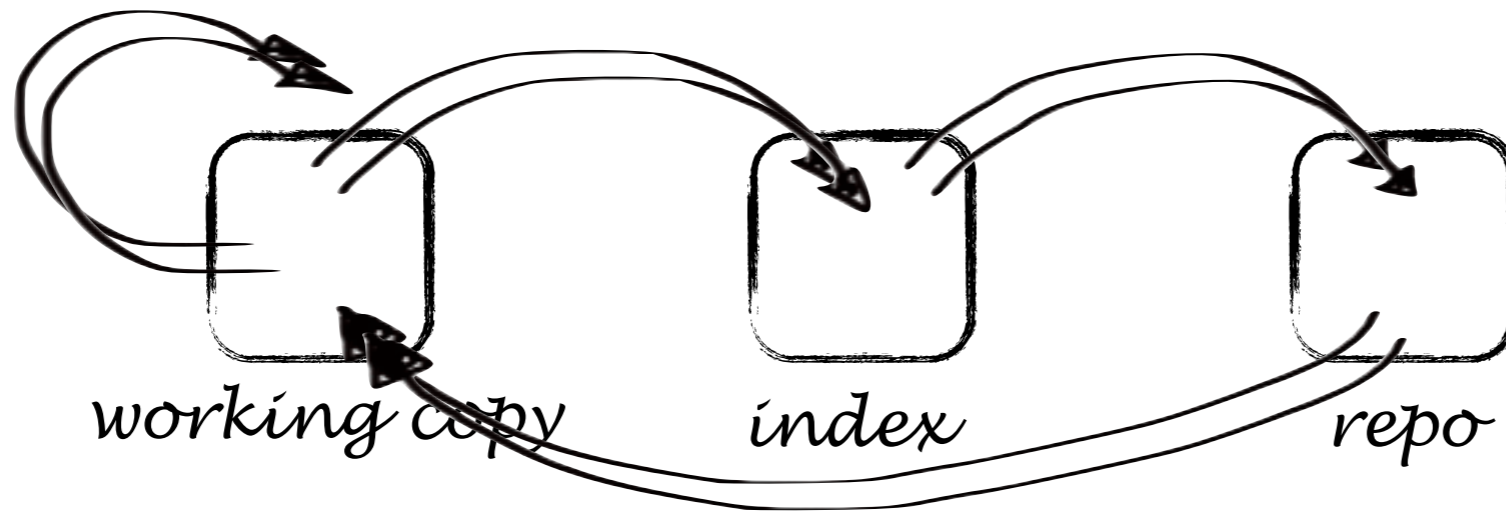
Commit



Edit

Add

Commit



working copy

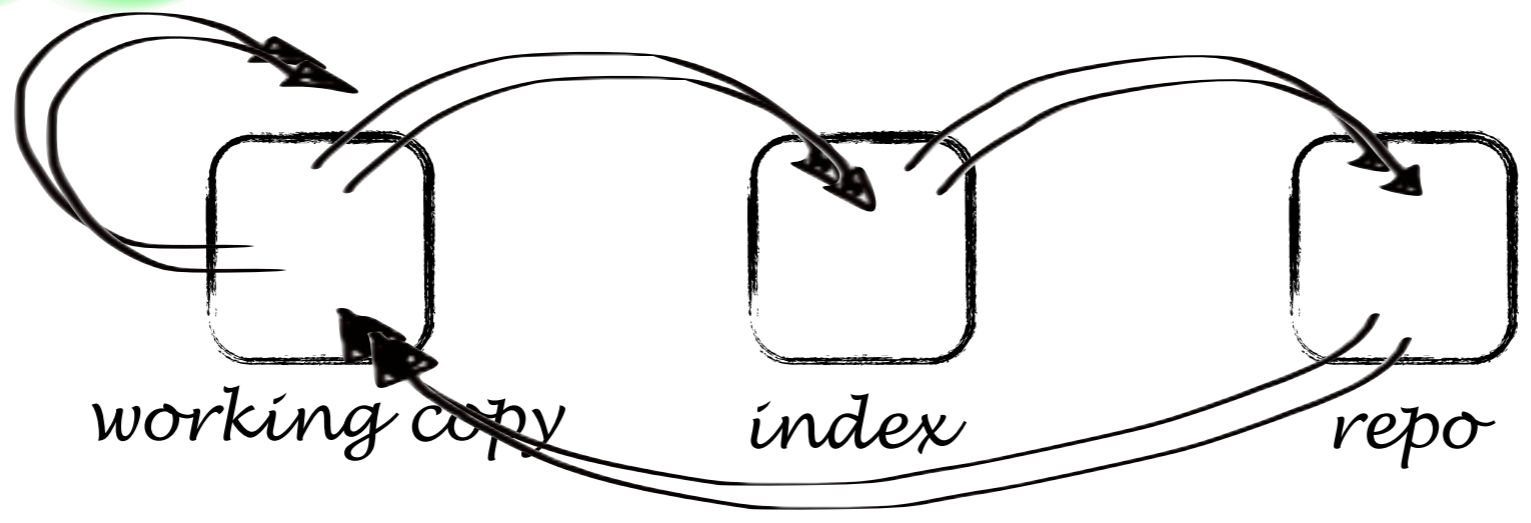
index

repo

Edit

Add

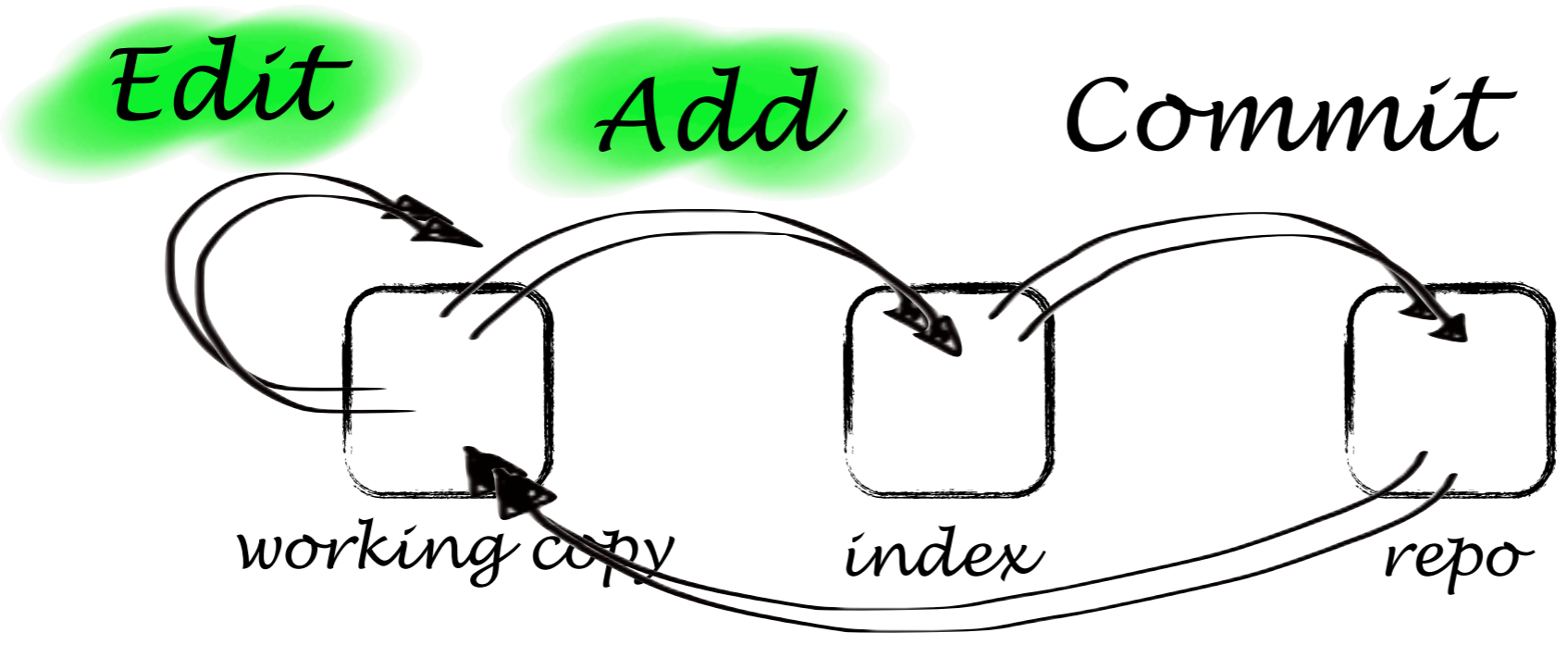
Commit

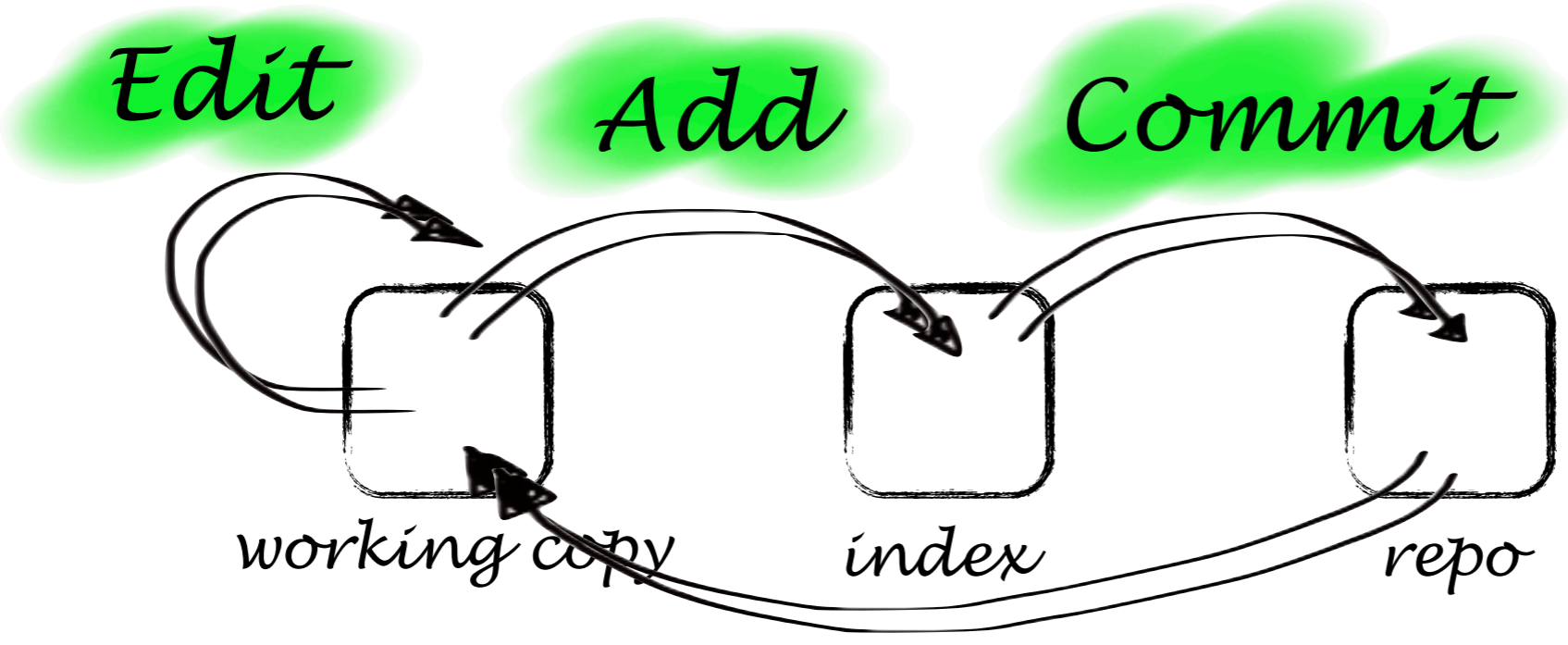


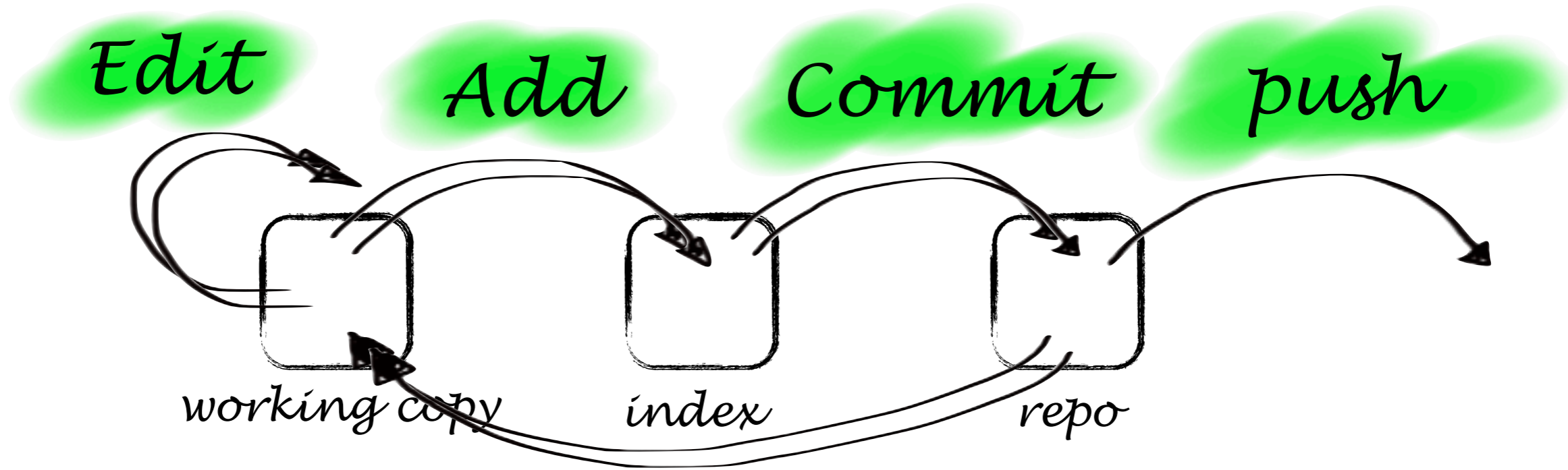
working copy

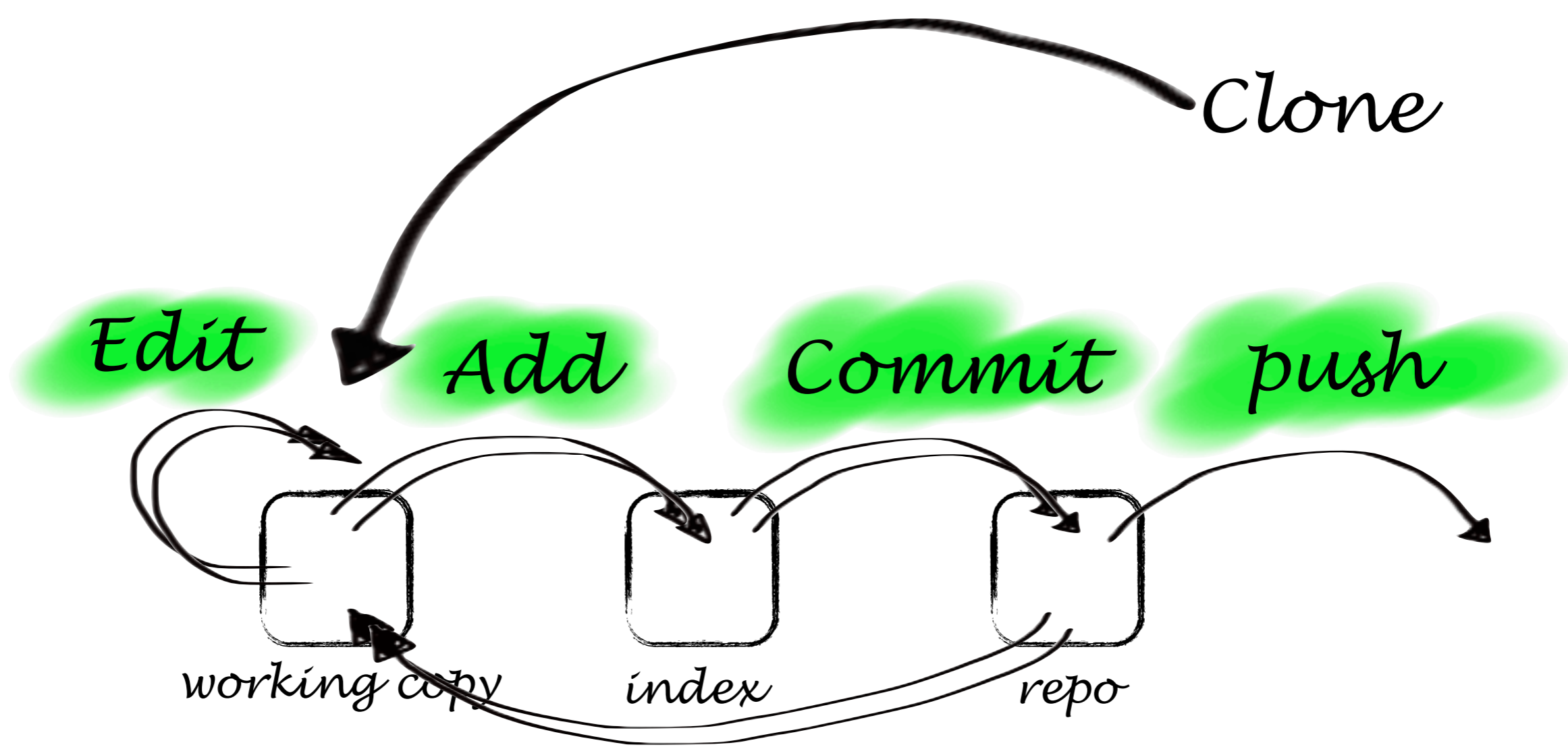
index

repo











Income Calculator 1.0

Name

Lars

Grundeinkommen

10000

Erfahrung (in Jahren)

5

SkillSet (1-10)

8

11300

Einkommen berechnen



Income Calculator 1.0

Name

Lars

Grundeinkommen

10000

Erfahrung (in Jahren)

5

SkillSet (1-10)

8

11300

Einkommen berechnen



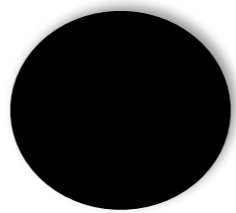
Best Practice #2



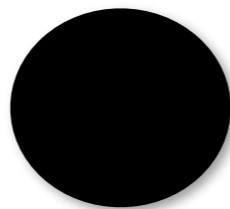
Best Practice #2

**Pro Feature ein
Feature-Branch**

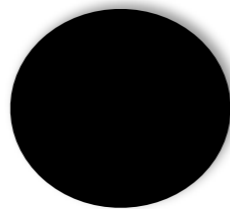
Myfile.txt



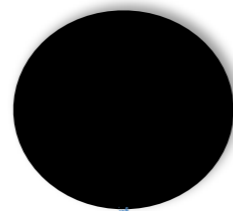
Myfile.txt
Other.txt



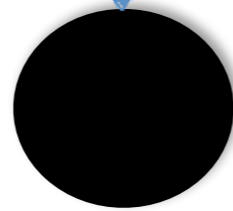
Myfile.txt



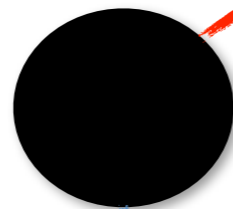
Myfile.txt
Other.txt



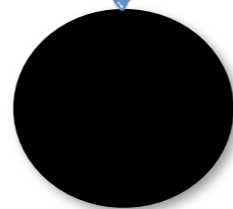
Myfile.txt



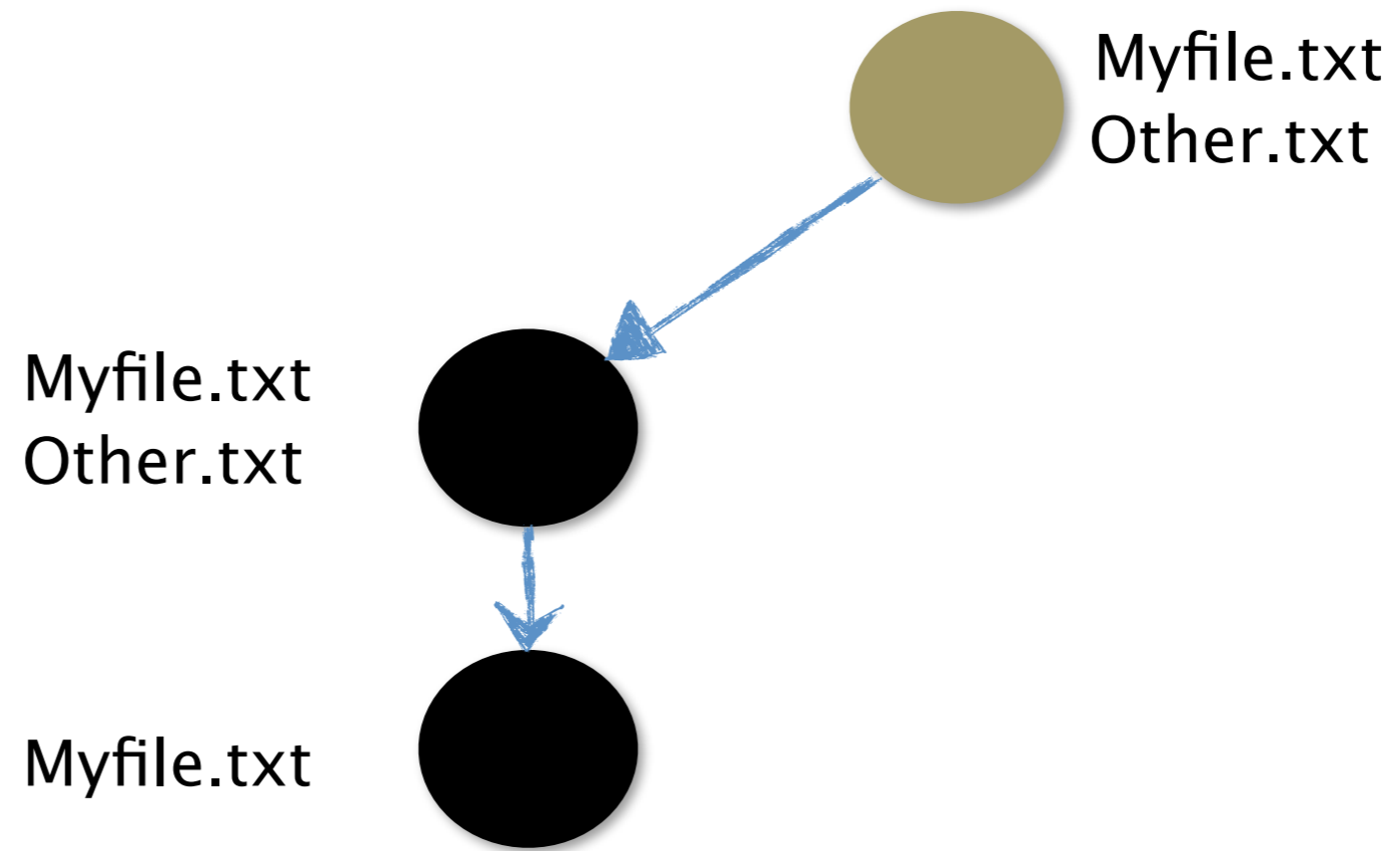
Myfile.txt
Other.txt

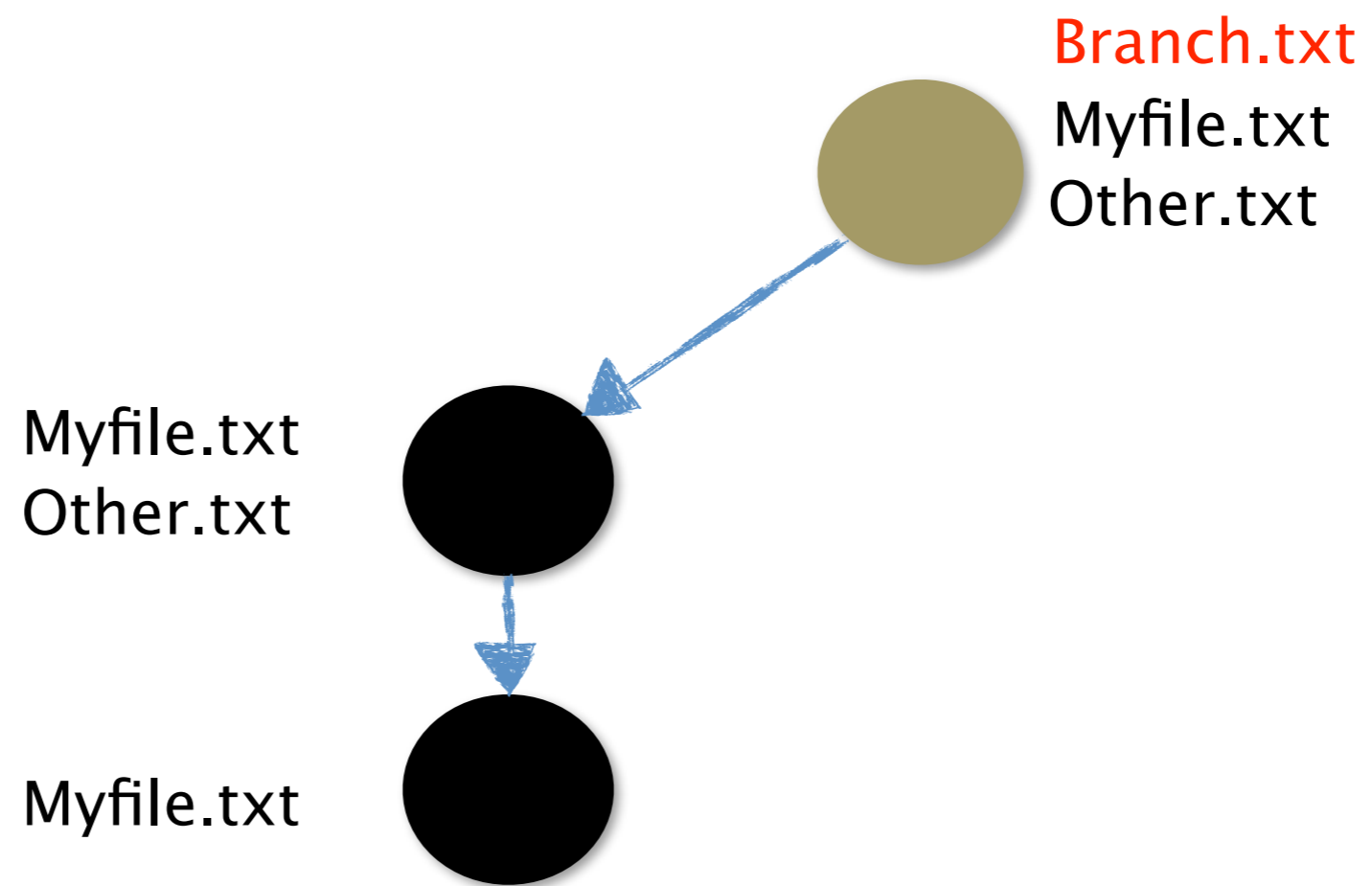


Myfile.txt

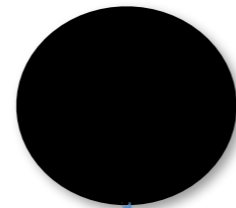


Myfile.txt
Other.txt

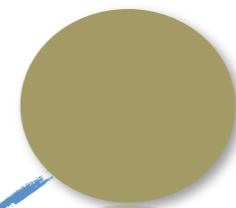




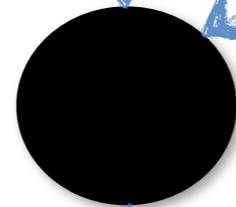
~~Myfile.txt~~
Other.txt



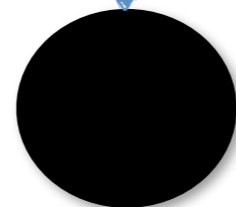
Branch.txt
Myfile.txt
Other.txt



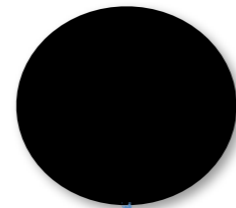
Myfile.txt
Other.txt



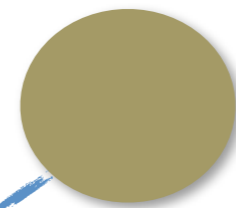
Myfile.txt



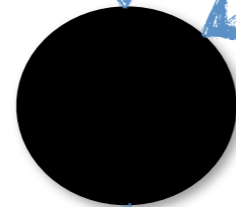
~~Myfile.txt~~
Other.txt



Branch.txt
Myfile.txt
Other.txt

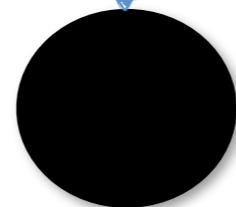


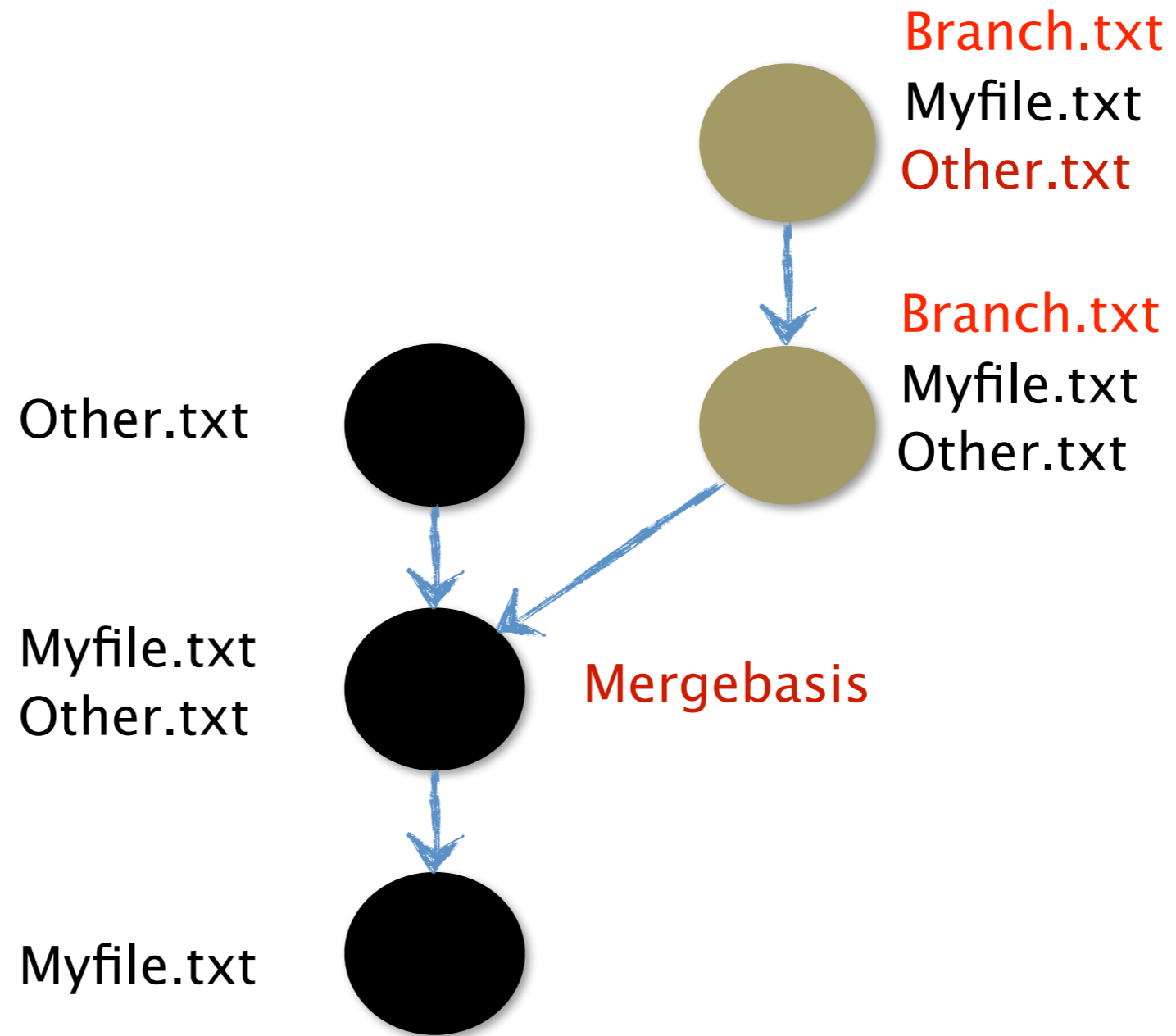
Myfile.txt
Other.txt

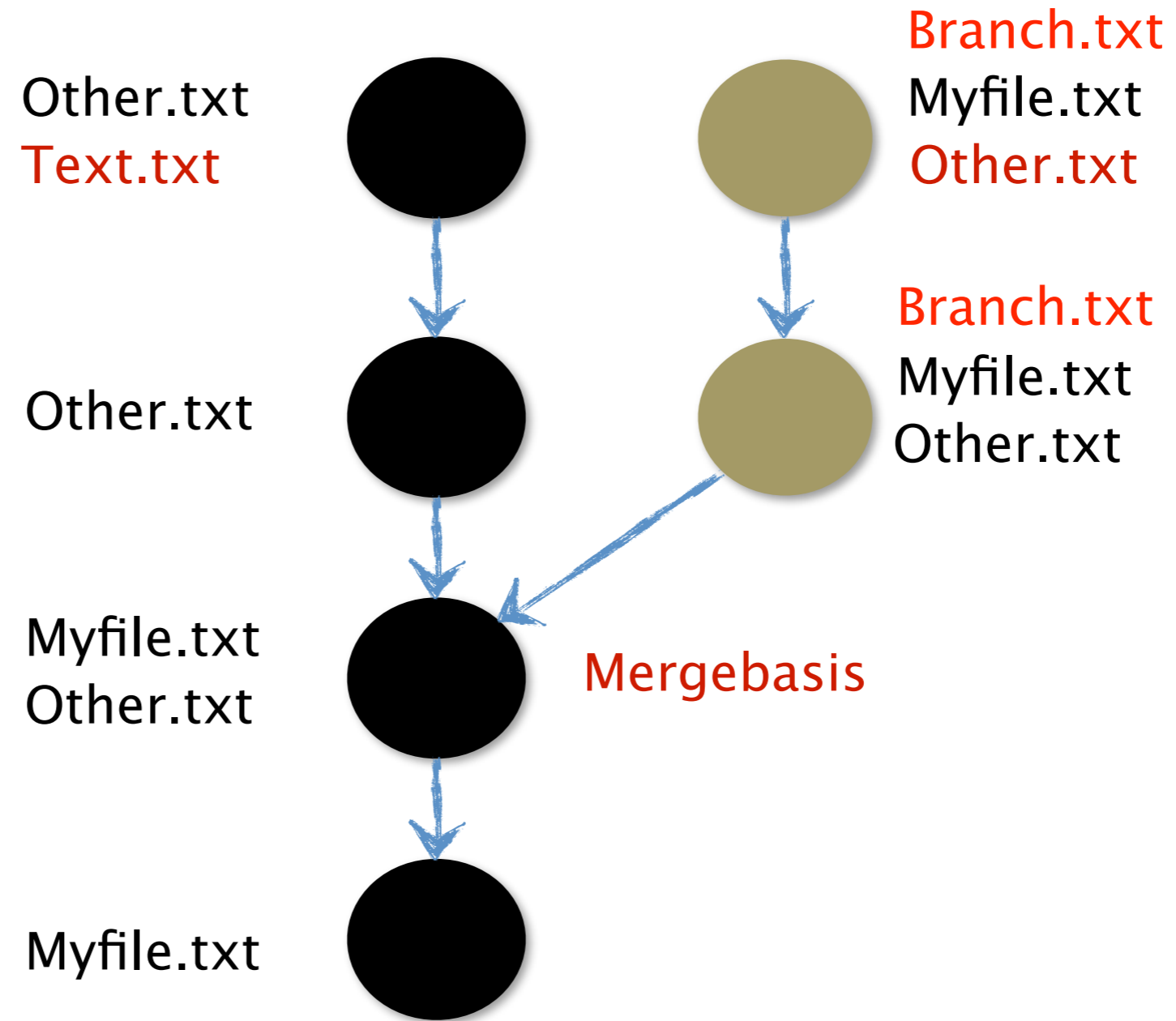


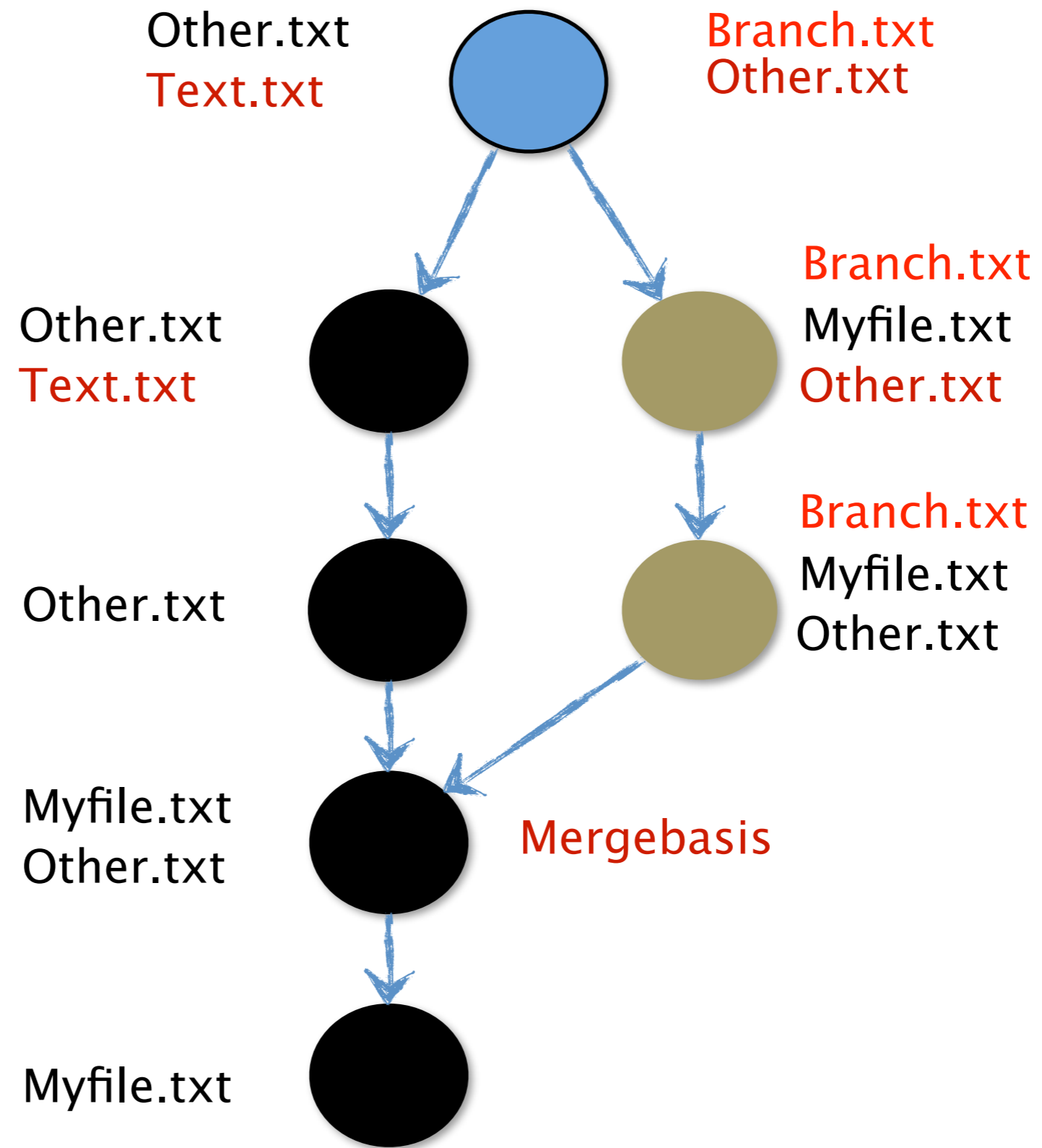
Mergebasis

Myfile.txt









Die Fähigkeit
Präsentations-
technik
fließt mit
in das
Gehalt mit ein.



Income Calculator 1.0

Name

Lars

Grundeinkommen

10000

Erfahrung (in Jahren)

5

SkillSet (1-10)

8

11300

Einkommen berechnen



Best Practice #2

**Pro Feature ein
Feature-Branch**

A yellow sticky note is centered on a white background. The note has a slightly torn top-left corner and a folded top-right corner. A large black checkmark is drawn on the bottom right of the note. There are faint, light gray scribbles in the bottom right corner of the overall image.

Best Practice #2

**Pro Feature ein
Feature-Branch**

A yellow sticky note is centered on a white background. The text 'Best Practice #3' is written in a dark red, cursive font. The note has a folded top-right corner and two white, torn-edge tabs extending from its top-left and bottom-right corners. In the bottom right corner of the overall image, there is a grey scribble and the text 'effectivetrainings.de' in a small green font.

Best Practice #3



Best Practice #3

**Deny non-fast forward or
smoke in hell**



Best Practice #3

**Deny non-fast forward or
smoke in hell**


```
git config --global  
receive.denyNonFastForwards true
```

Best Practice #3

Deny non-fast forward or
smoke in hell

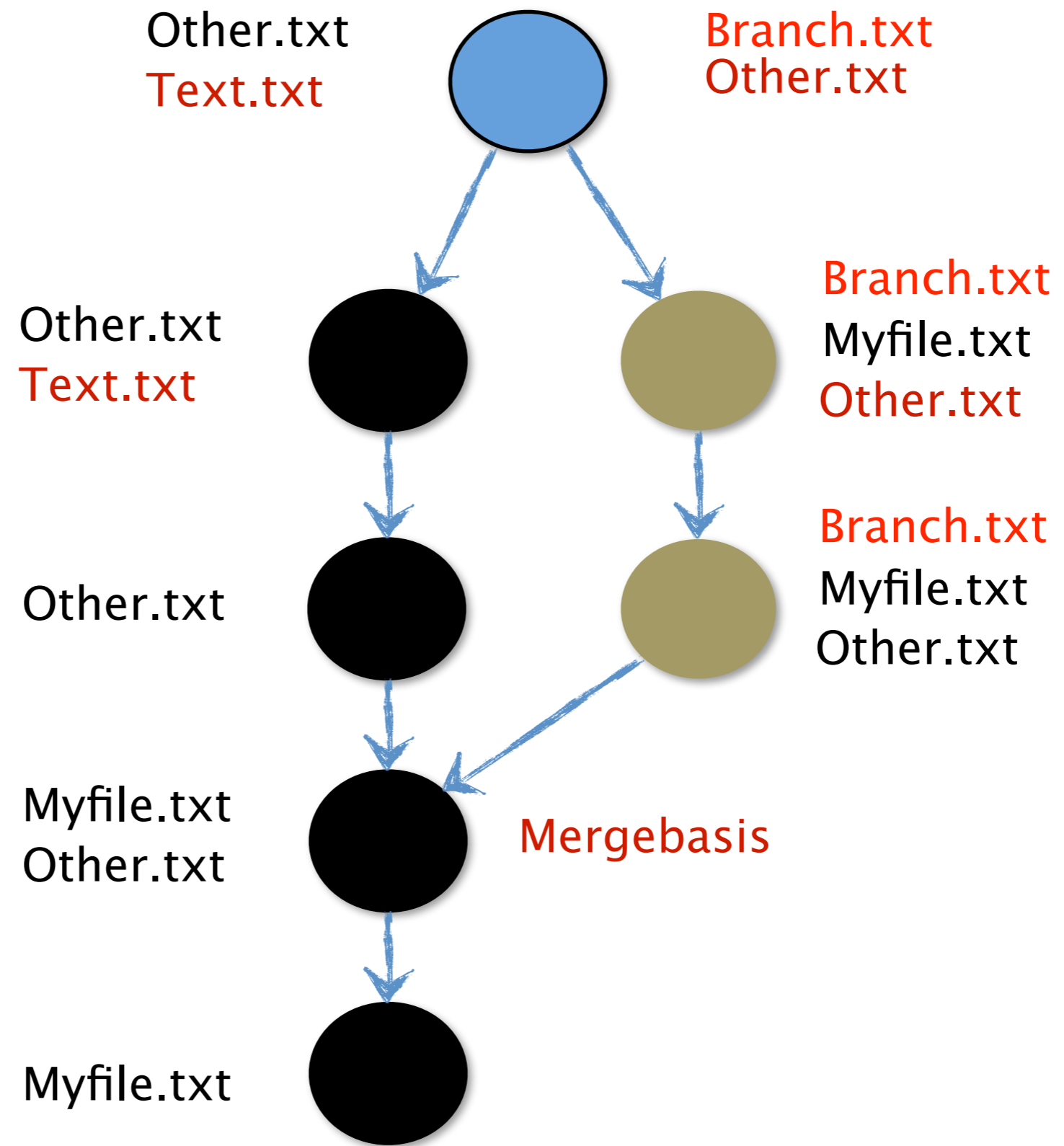


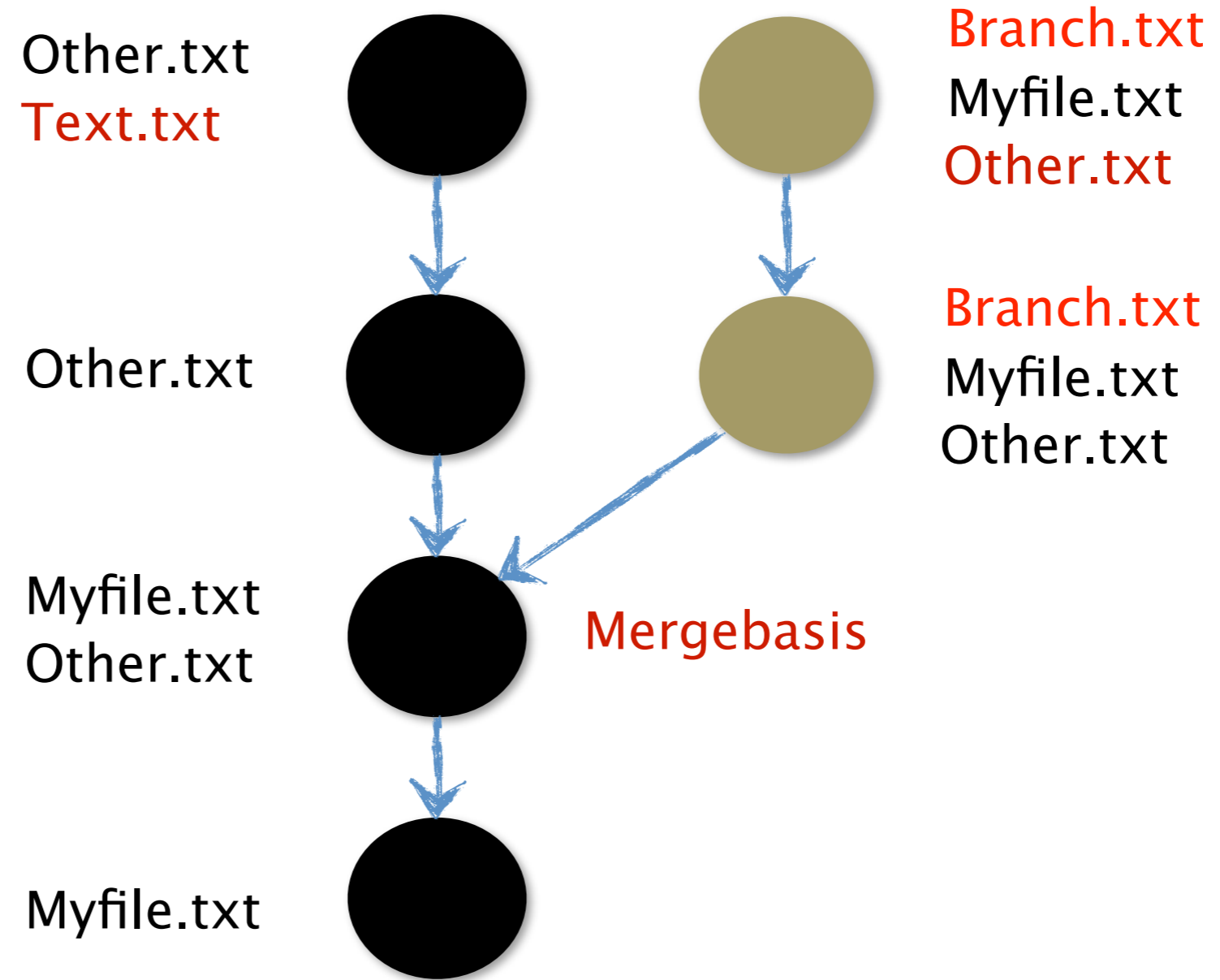


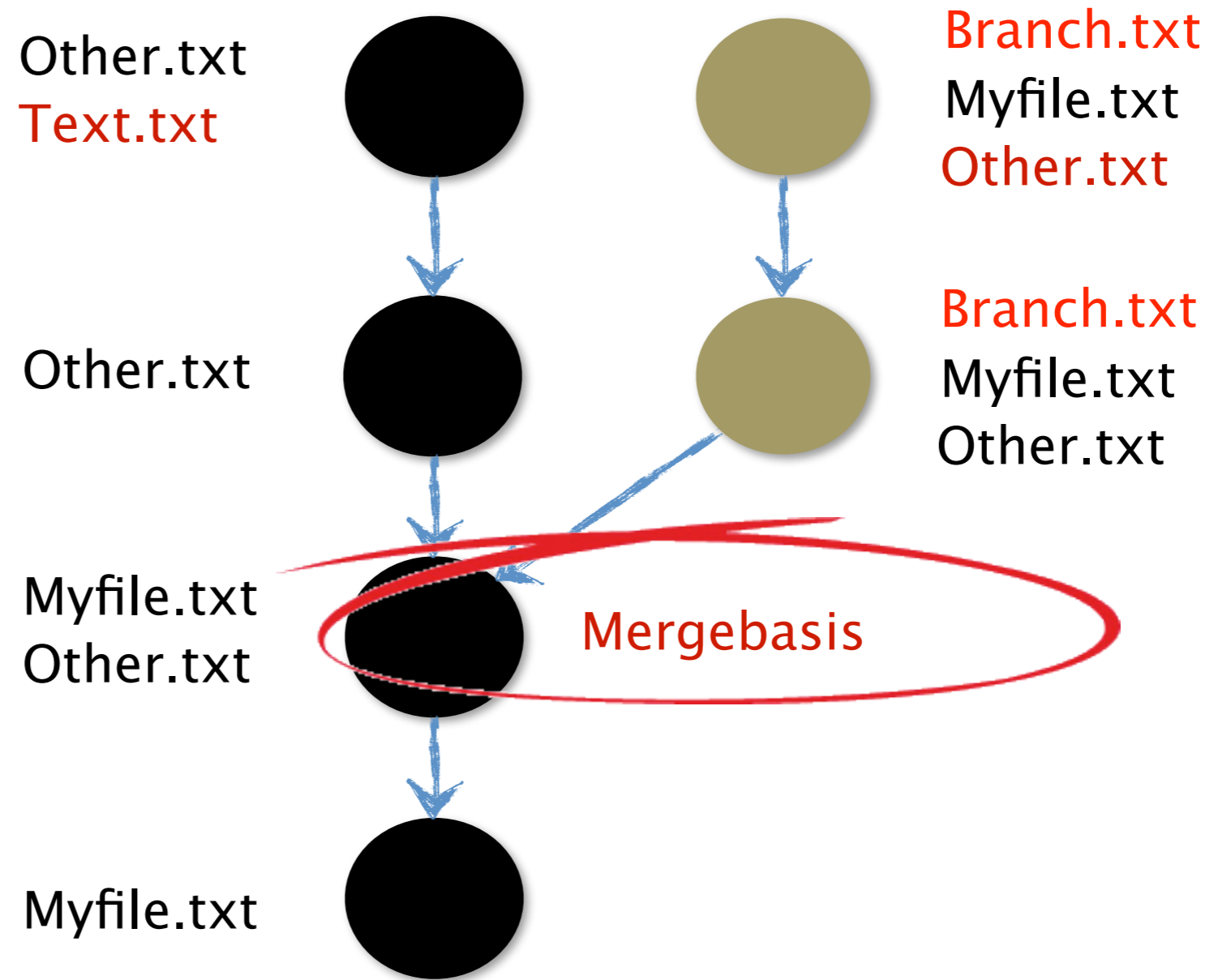
Best Practice #4

Best Practice #4

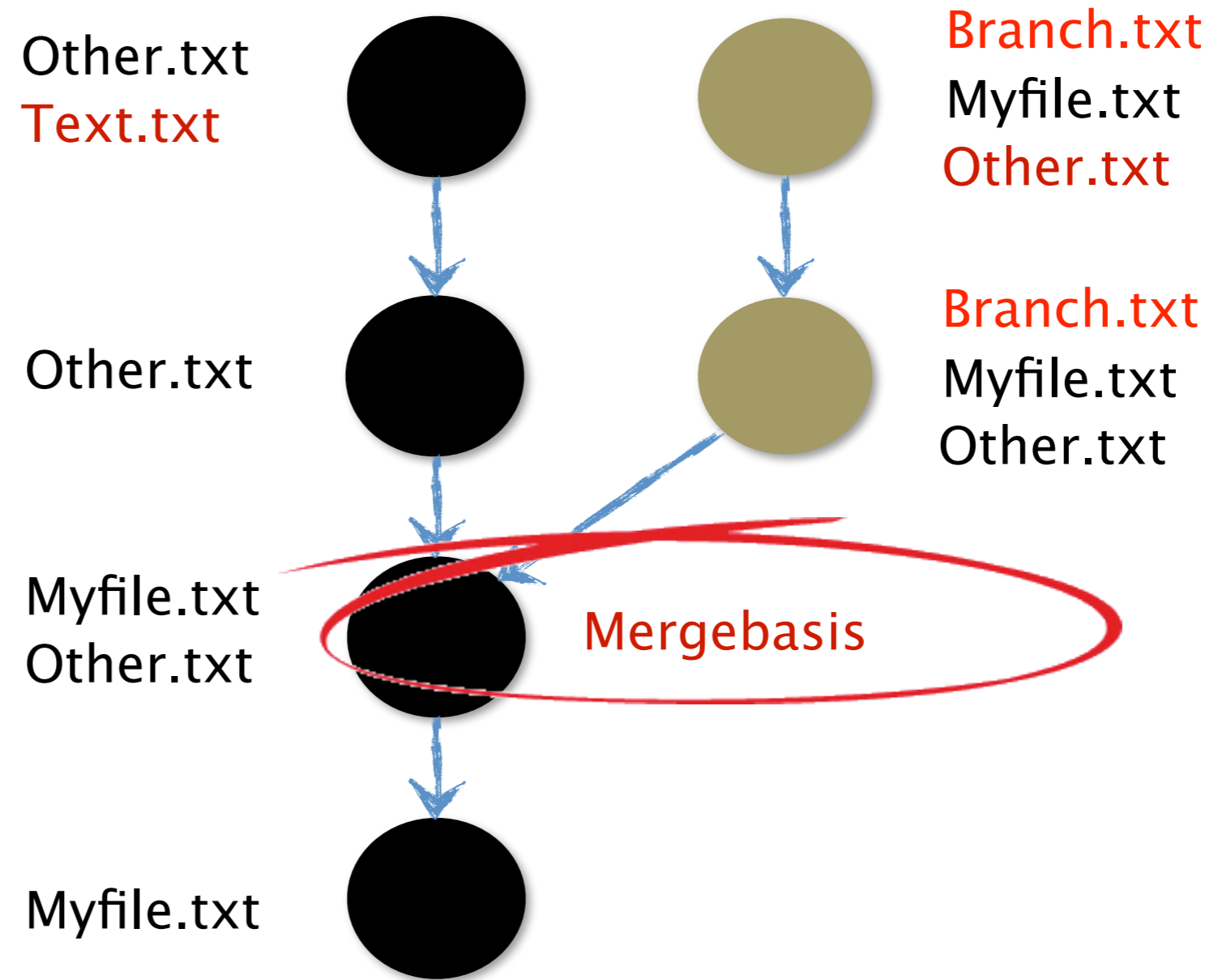
`git pull --rebase`
gegen Remotes,
`git merge` lokal.



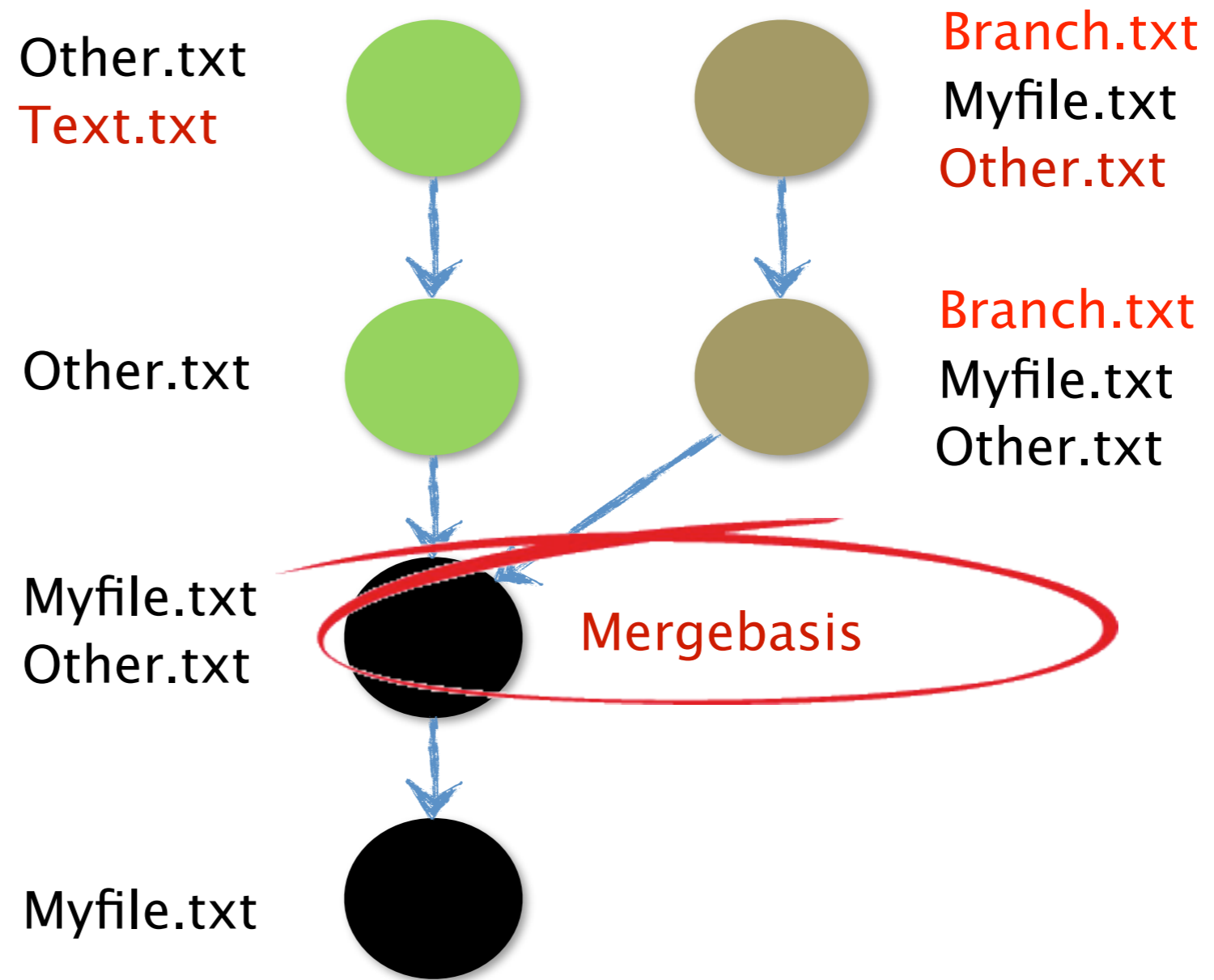




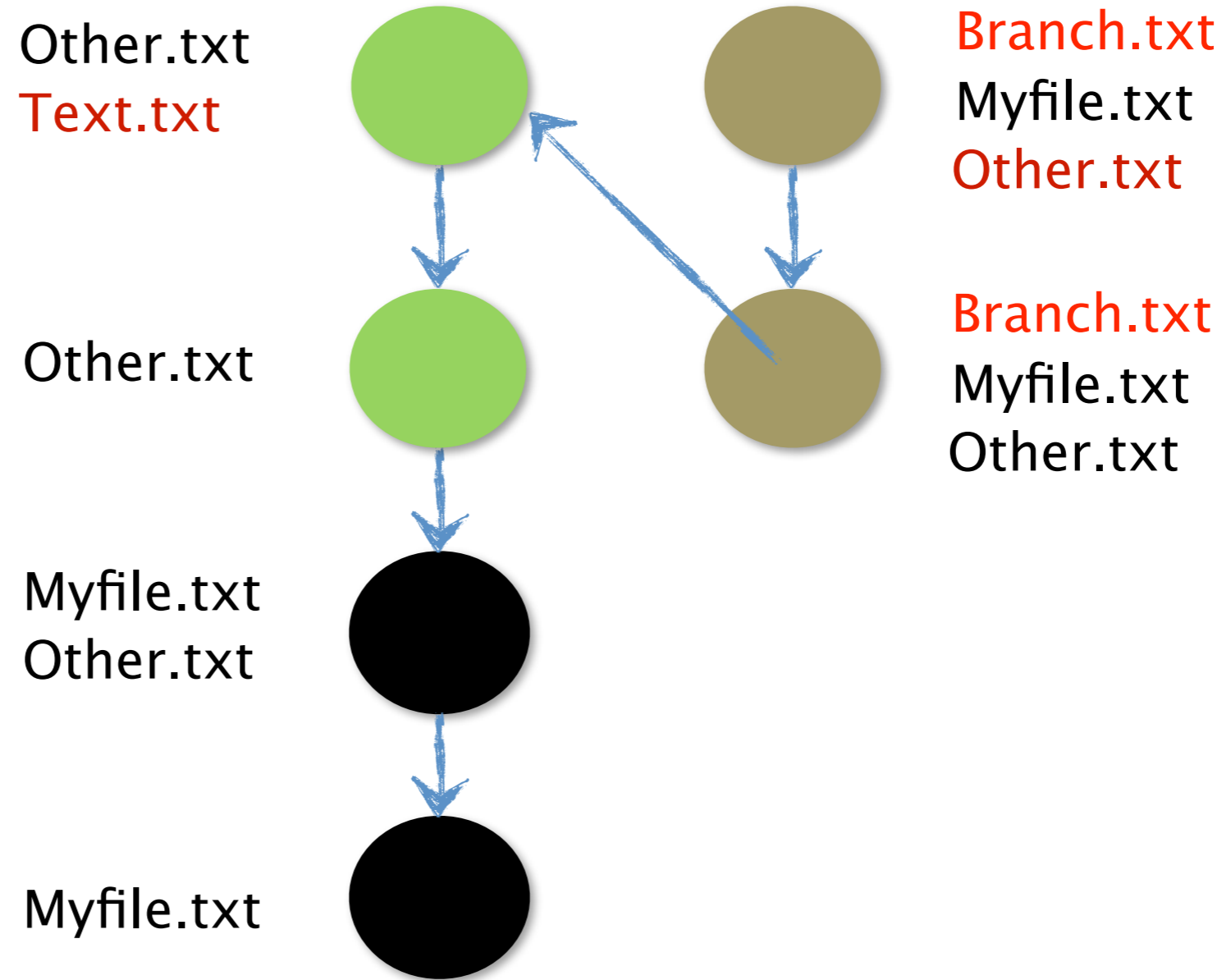
Release



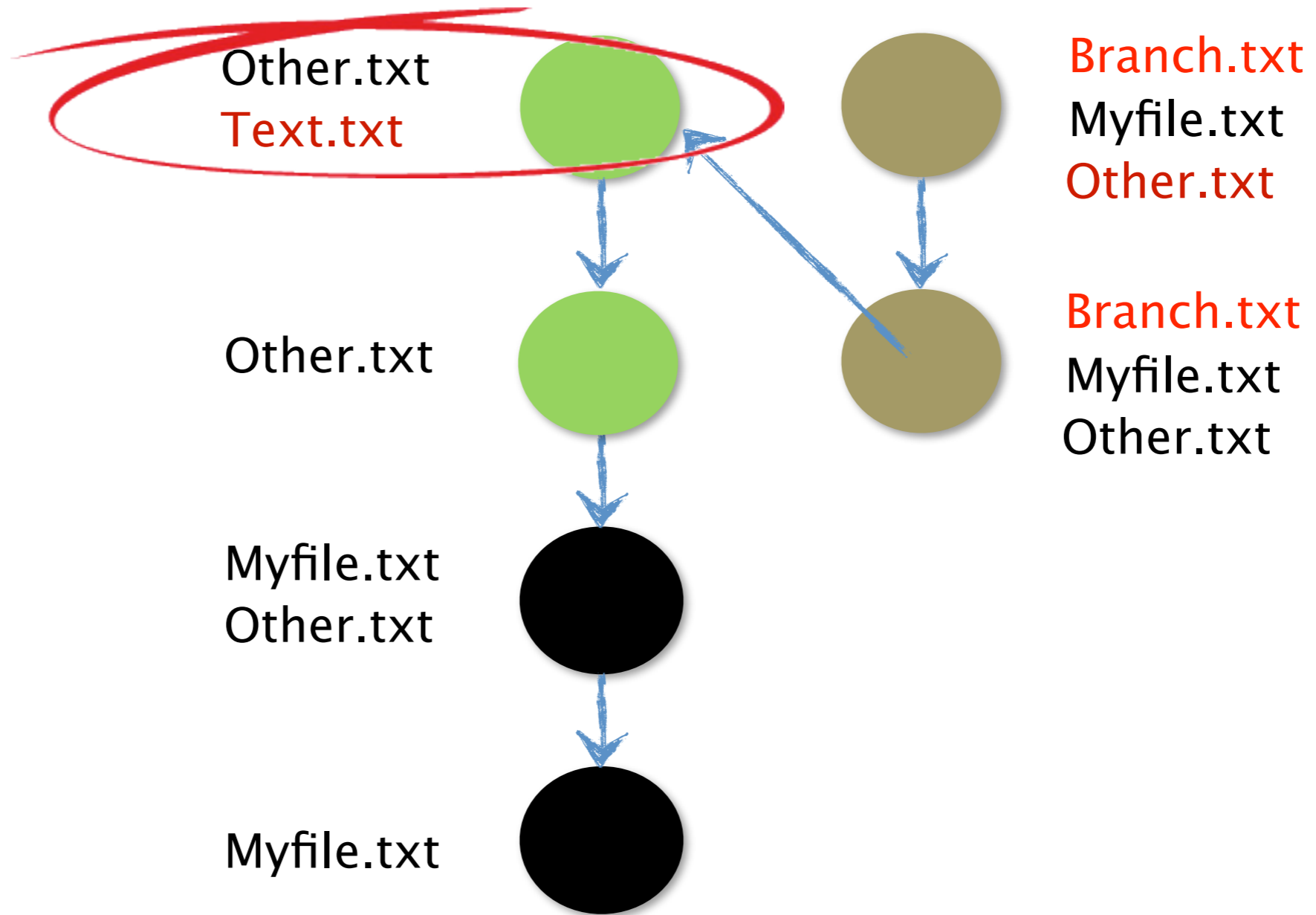
Release

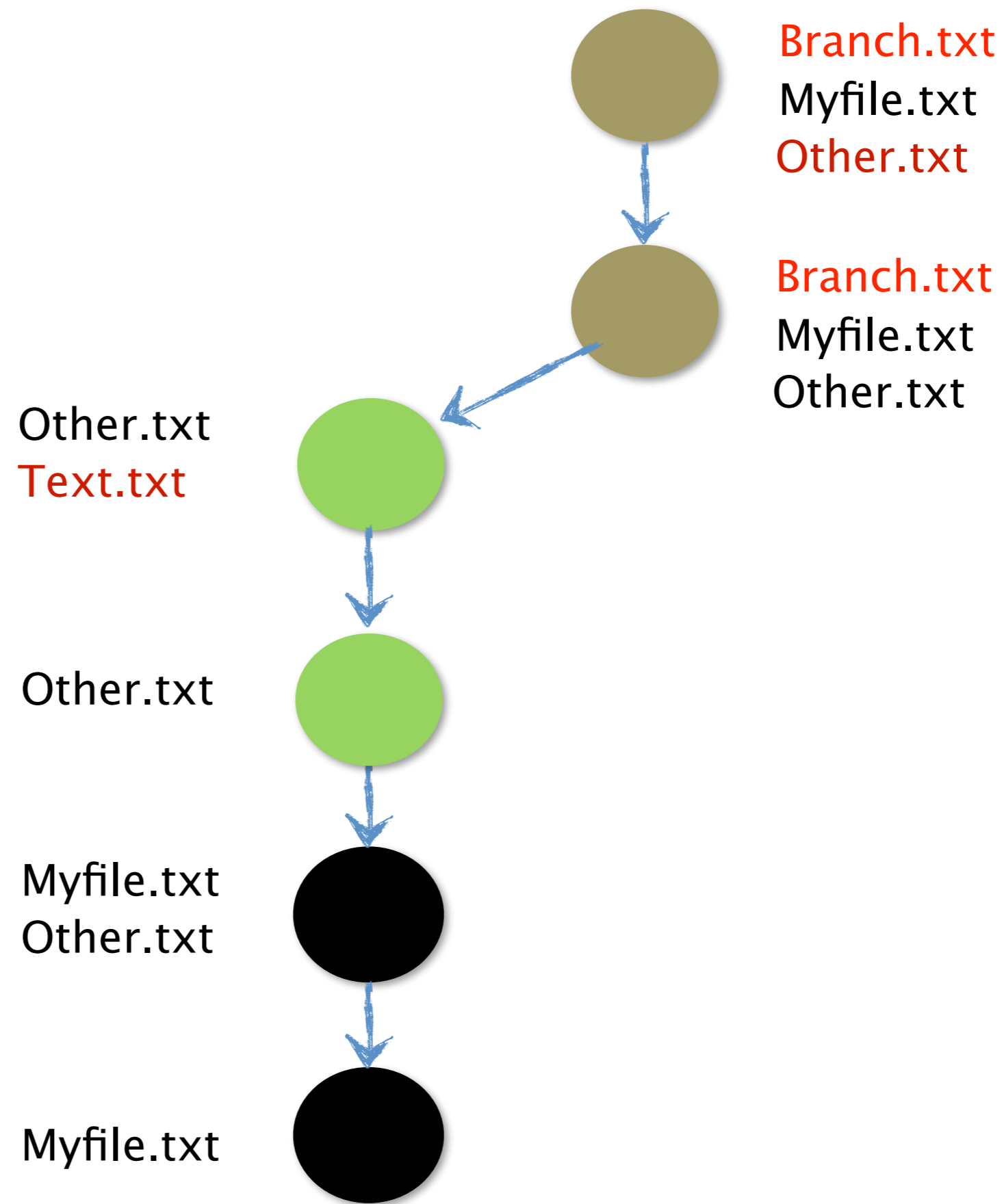


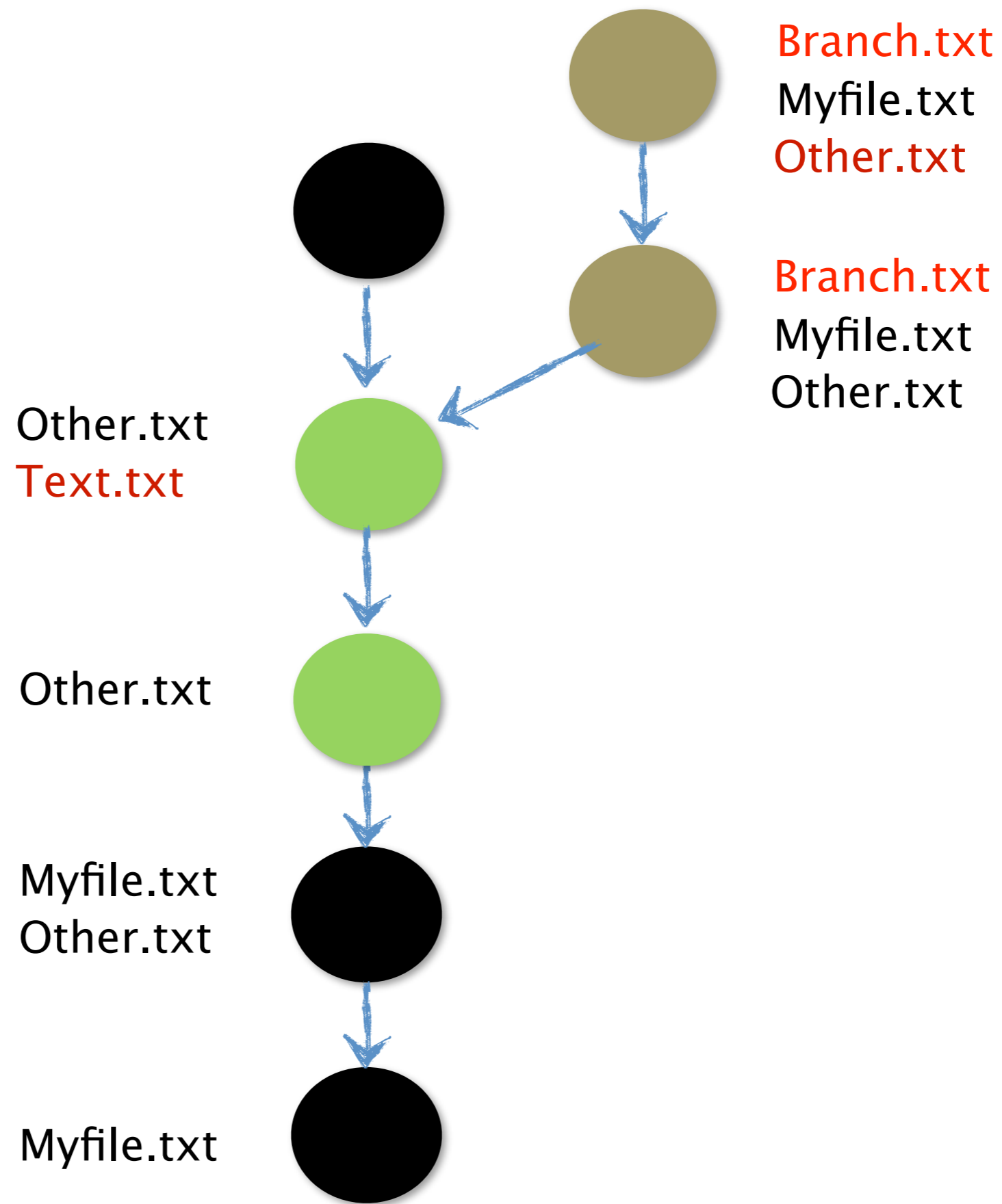
Release



Release







Best Practice #4

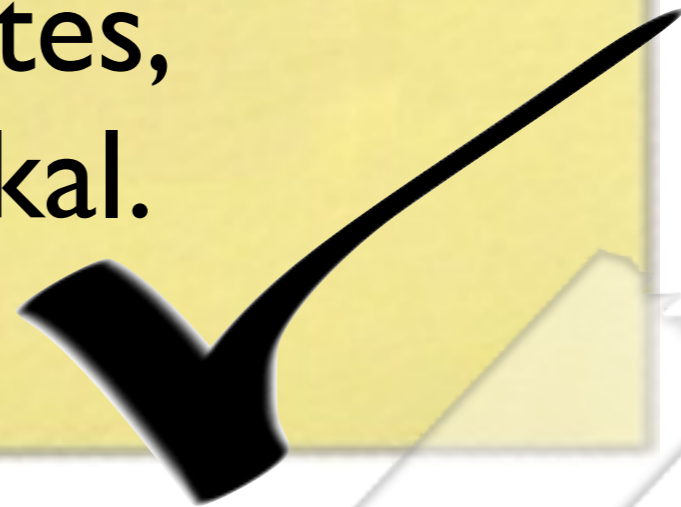
`git pull --rebase`
gegen Remotes,
`git merge` lokal.

Best Practice #4

`git pull --rebase`
gegen Remotes,
`git merge` lokal.

Best Practice #4

`git pull --rebase`
gegen Remotes,
`git merge` lokal.





Best Practice #5



Best Practice #5

**commit often,
polish later,
push once.**

Das berechnete
Gehalt soll **rot**
und **prominent**
dargestellt werden.



Best Practice #5

**commit often,
polish later,
push once.**



Best Practice #5

commit often,
polish later,
push once.





Best Practice #6



Best Practice #6

Last but not Least!



Best Practice #6

Haben Sie **Spaß** mit GIT!



Best Practice #6

Haben Sie Spaß mit GIT!

Effective Trainings & Consulting

**Kontakt: martin@effectivetrainings.de
Oder gleich anschließend im Foyer!**

<http://www.effectivetrainings.de>

Effective Trainings & Consulting

Kontakt: martin@effectivetrainings.de
Oder gleich anschließend im Foyer!



<http://www.effectivetrainings.de>

Effective Trainings & Consulting

Kontakt: martin@effectivetrainings.de
Oder gleich anschließend im Foyer!



<http://www.effectivetrainings.de>

3.– 6. September 2012
in Nürnberg



Herbstcampus

Wissenstransfer
par excellence

Vielen Dank!

Martin Dilger

PENTASYS AG