



UNIVERSITÀ DEGLI STUDI
DI MILANO

SVILUPPO SOFTWARE IN GRUPPI DI LAVORO COMPLESSO

prof. Carlo Bellettini

prof. Mattia Monga

a.a. 2020-21



UNIVERSITÀ DEGLI STUDI
DI MILANO

11. Git (cont)

Humor



If that doesn't fix it, git.txt contains the phone number of a friend of mine who understands git. Just wait through a few minutes of 'It's really pretty simple, just think of branches as...' and eventually you'll learn the commands that will fix everything.

	COMMENT	DATE
○	CREATED MAIN LOOP & TIMING CONTROL	14 HOURS AGO
○	ENABLED CONFIG FILE PARSING	9 HOURS AGO
○	MISC BUGFIXES	5 HOURS AGO
○	CODE ADDITIONS/EDITS	4 HOURS AGO
○	MORE CODE	4 HOURS AGO
○	HERE HAVE CODE.	4 HOURS AGO
○	AAAAAAA	3 HOURS AGO
○	ADKFJSLKDFJSDKLFJ	3 HOURS AGO
○	MY HANDS ARE TYPING WORDS	2 HOURS AGO
○	HAAAAAAAAAANDS	2 HOURS AGO

AS A PROJECT DRAGS ON, MY GIT COMMIT MESSAGES GET LESS AND LESS INFORMATIVE.

Alias utili



Oliver Widder @geekandpoke · 19 Aug 2014

```
git config --global alias.fuck "reset --hard  
HEAD~1"
```



89



32



Oliver Widder @geekandpoke · 19 Aug 2014

```
git config --global  
alias.fuckYouAllYouBastards "push origin -f  
master"
```



15

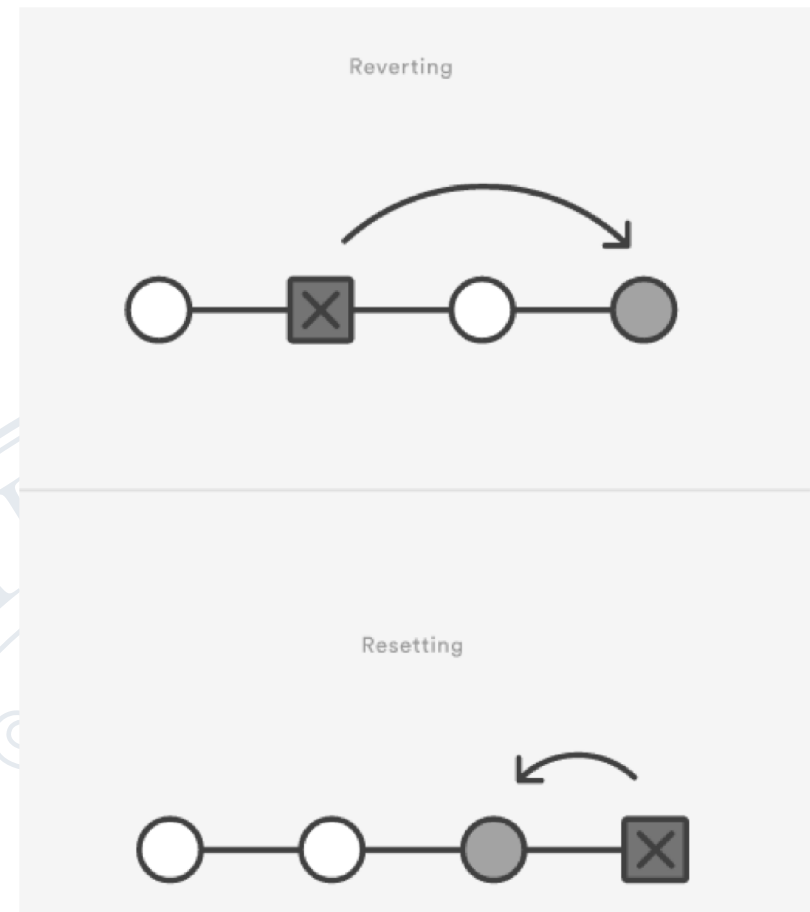


6



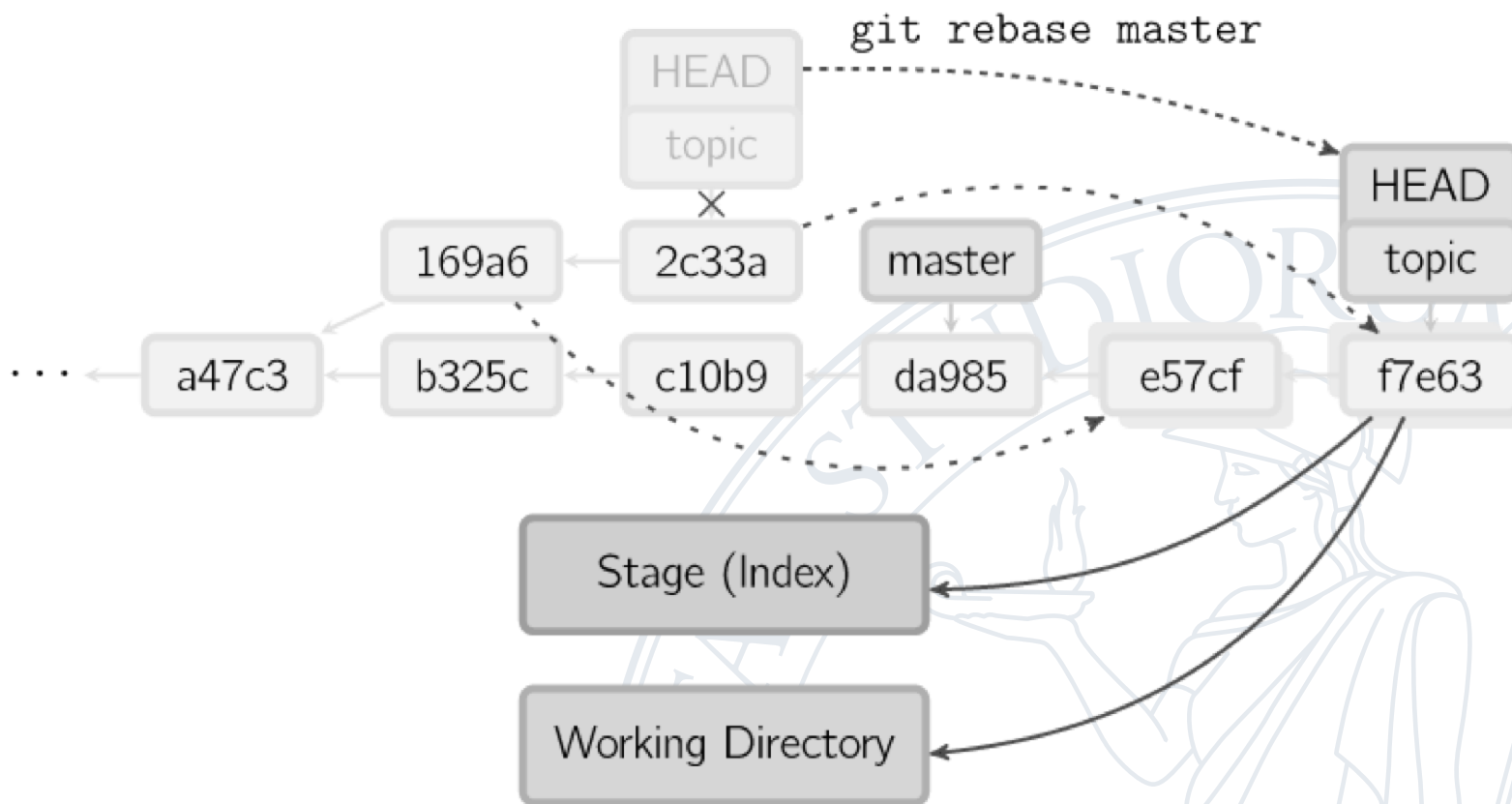
git revert

- Comando “safe” (al contrario ad esempio di reset)
- non distrugge o cambia storia ma crea un commit che inverte gli effetti del commit citato (che potrebbe anche non essere l’ultimo)



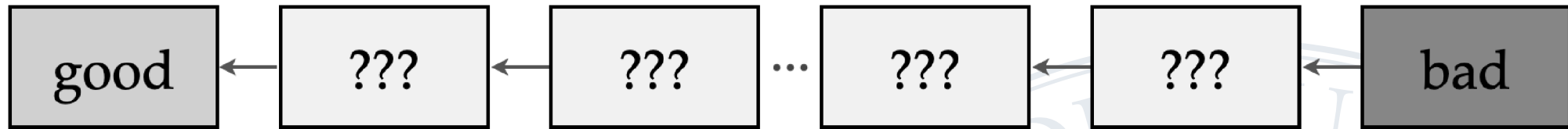
git rebase

ne esiste anche una versione interattiva (opzione `-i`)



git bisect

Serve quando scoprite un problema che siete sicuri non fosse presente ad un punto della vostra storia, ma non avete idea di quando sia stato inserito



- `git bisect start`
- `git bisect bad [ref]`
- `git bisect good ref`
- `git bisect [bad | good]`
- `git bisect run script`