

Linux Day 2010 IT Fermi

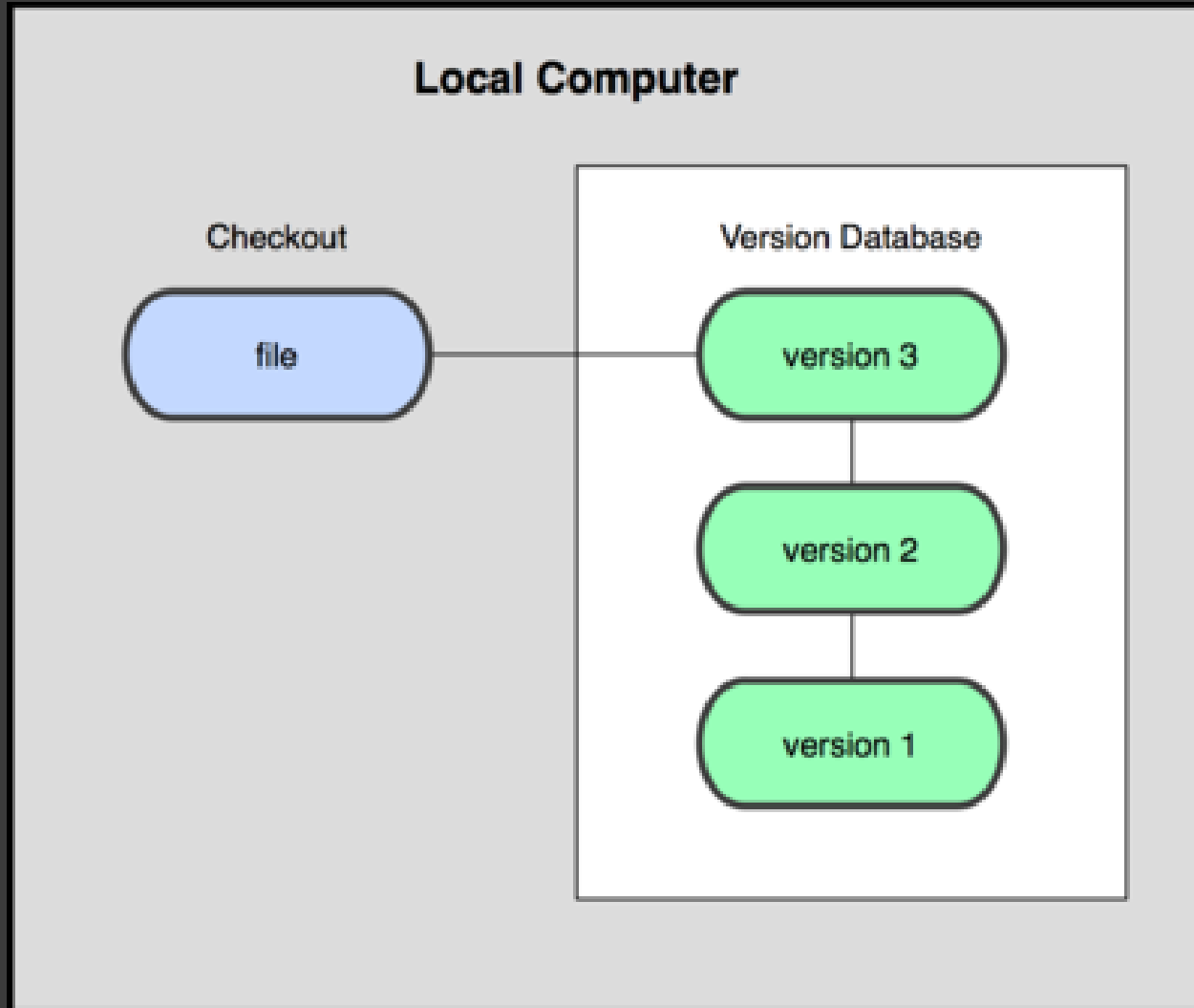
VERSION CONTROL SYSTEMS

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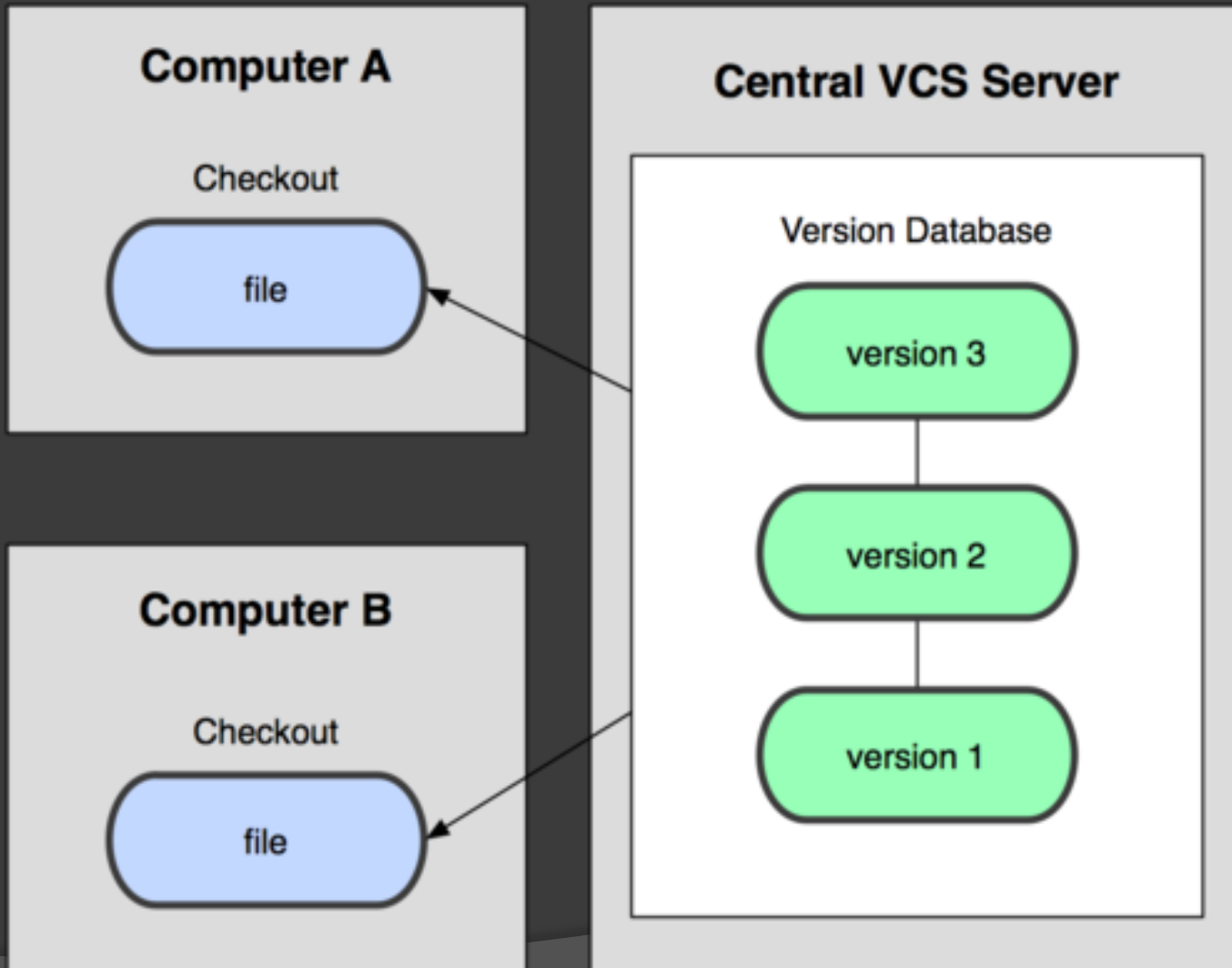
Cosa sono i VCS

- In informatica, il **controllo versione** è la gestione di versioni multiple di un insieme di informazioni(wiki).
- In parole povere si tratta di un software in grado da gestire le versioni di codice sorgente di altro software(progetti).

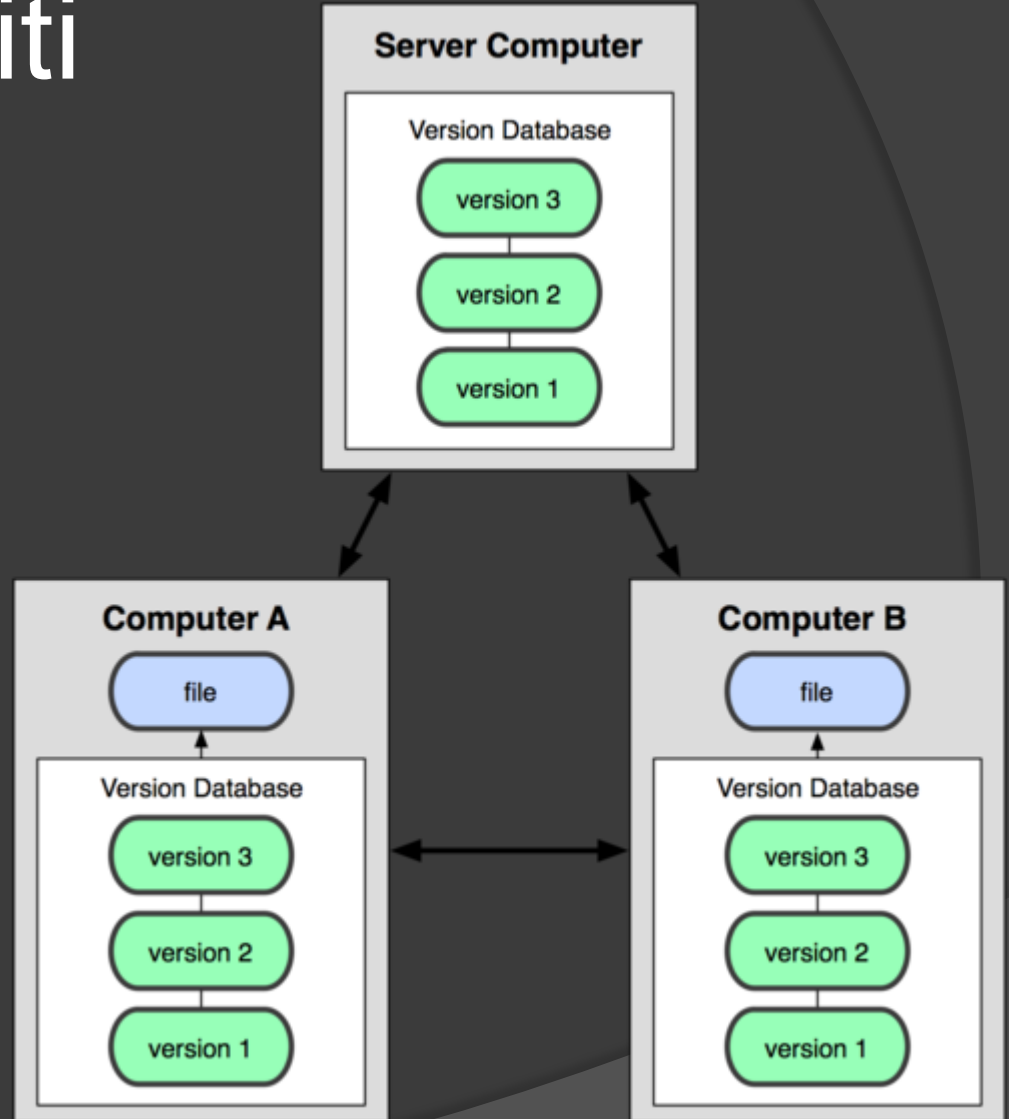
VCS Locali



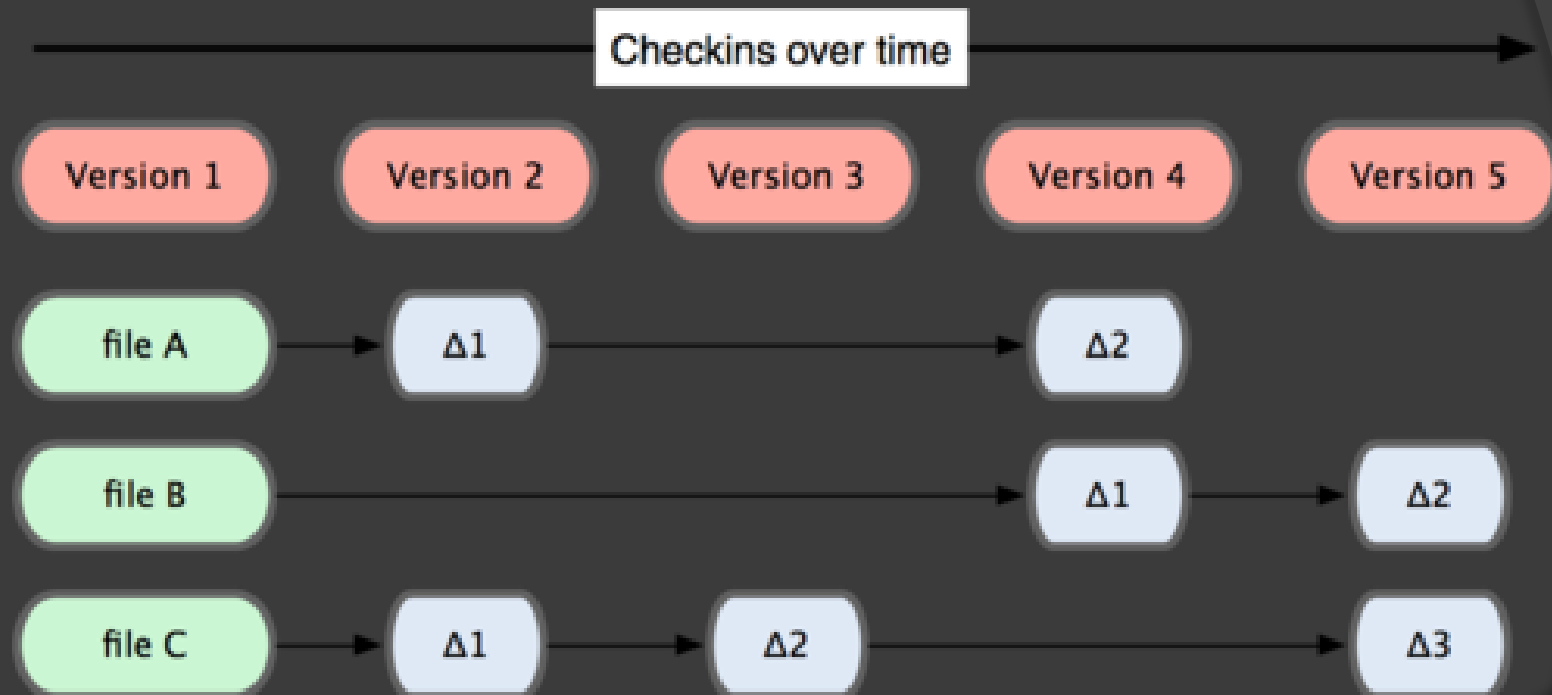
VCS Centralizzati



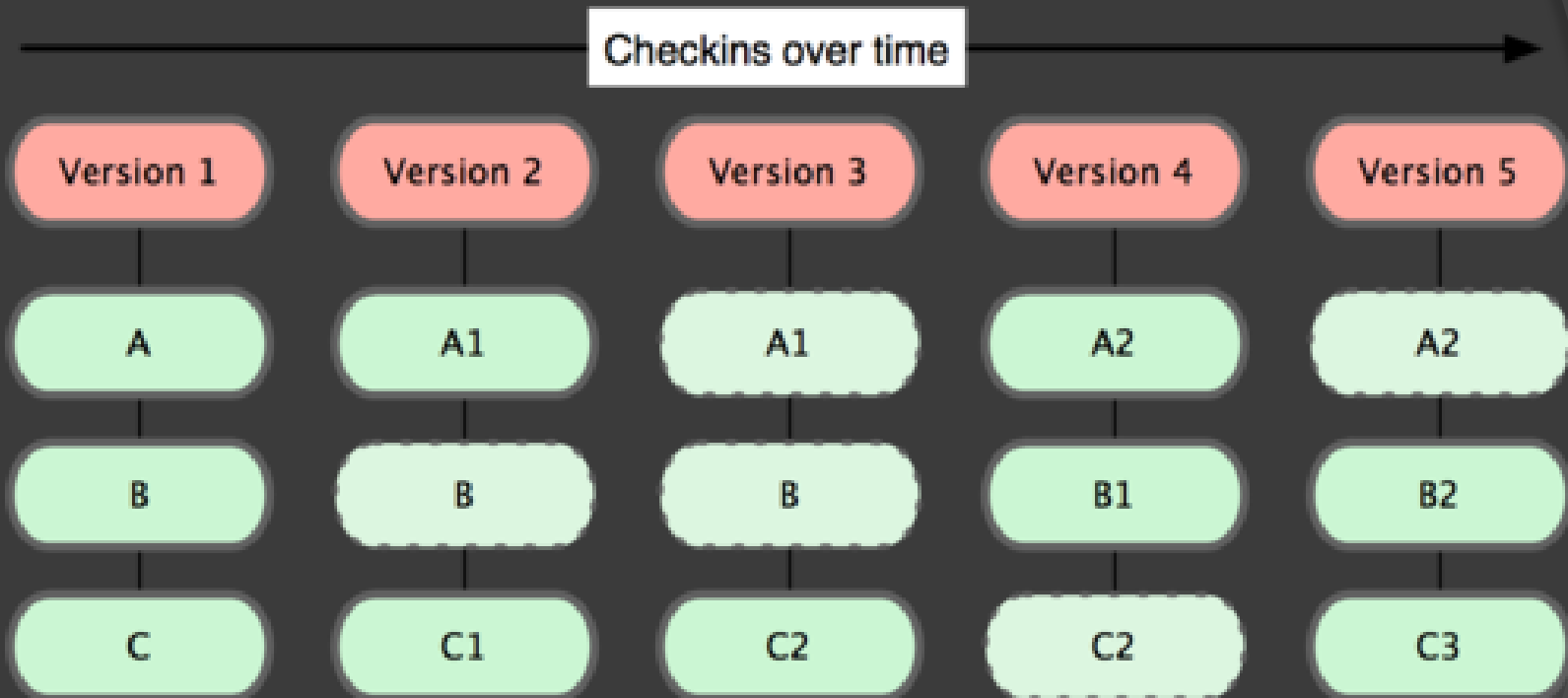
VCS Distribuiti



Modello VCS tradizionale

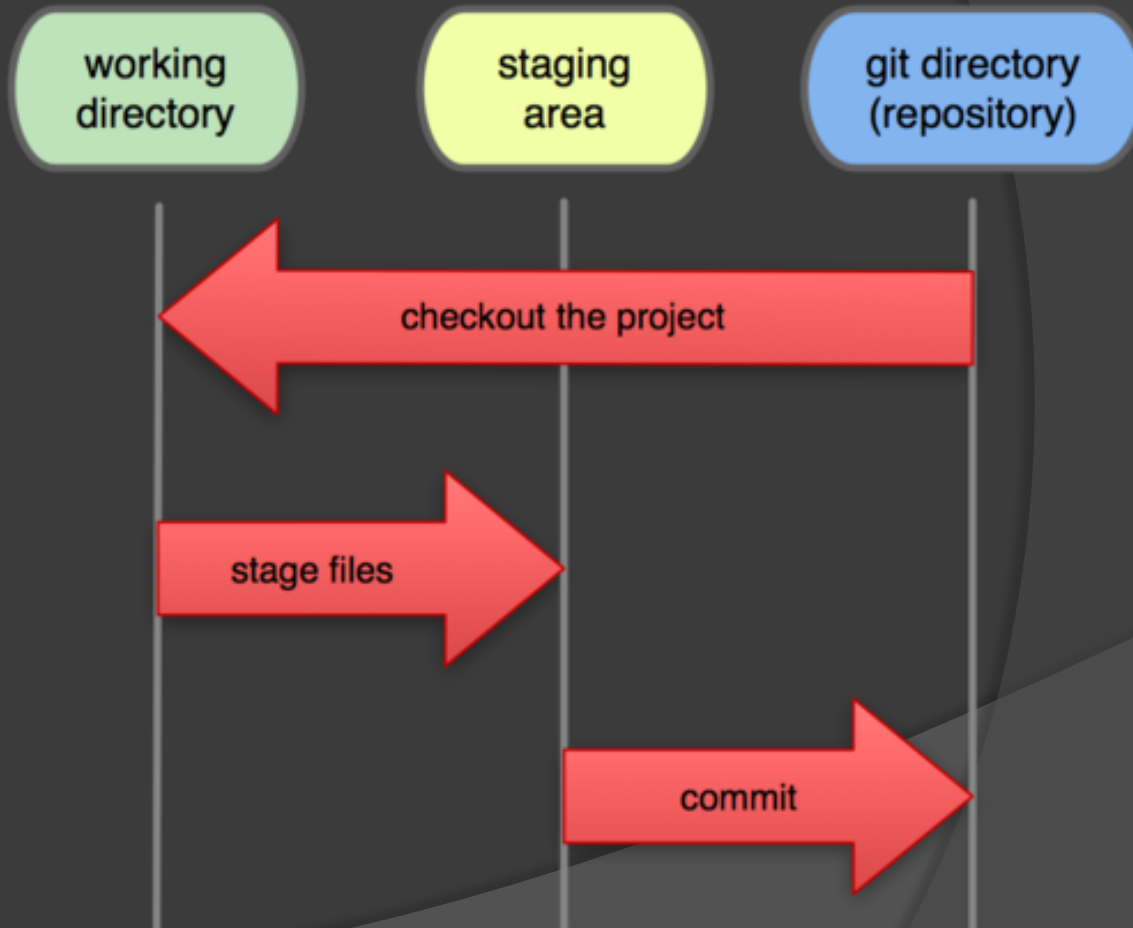


Modello GIT

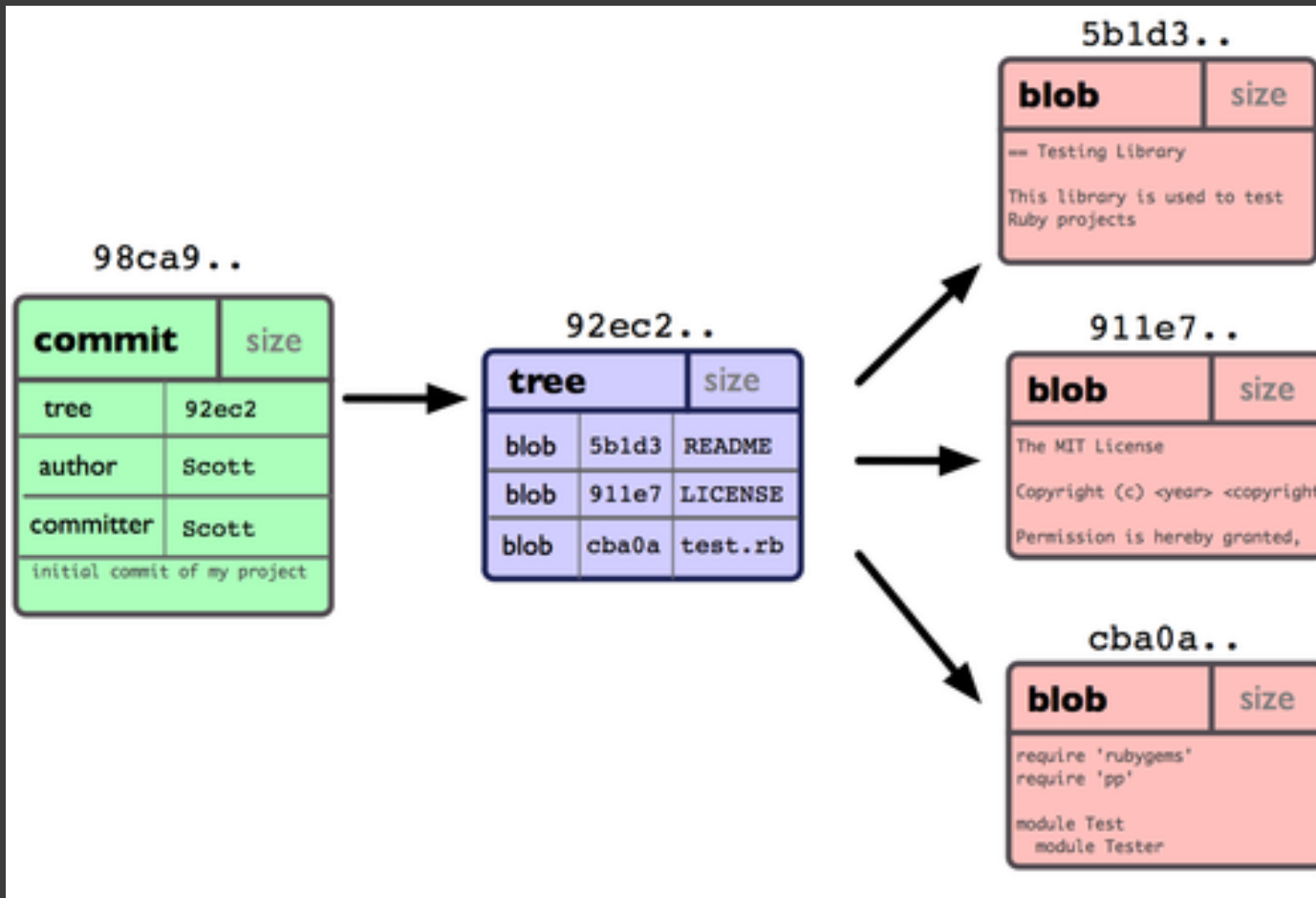


Commit in GIT

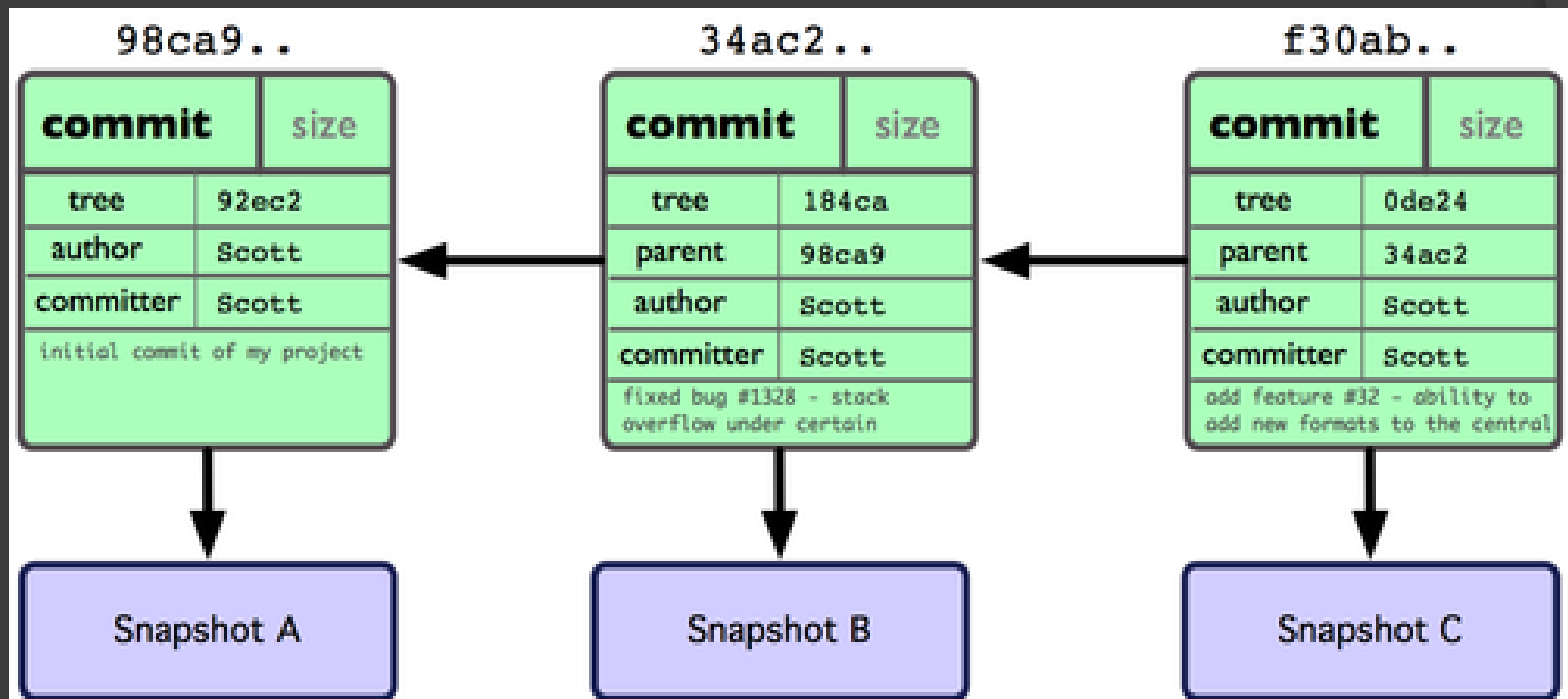
Local Operations



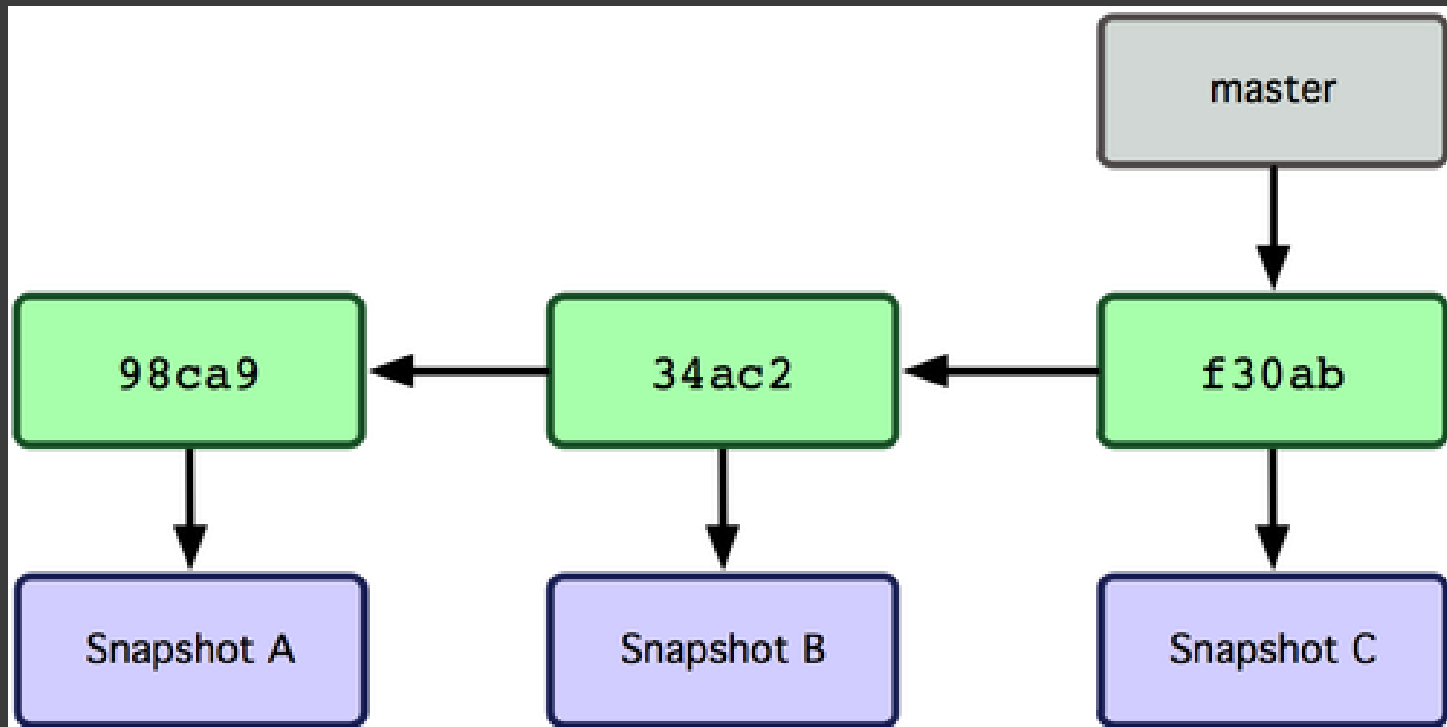
Struttura di un commit



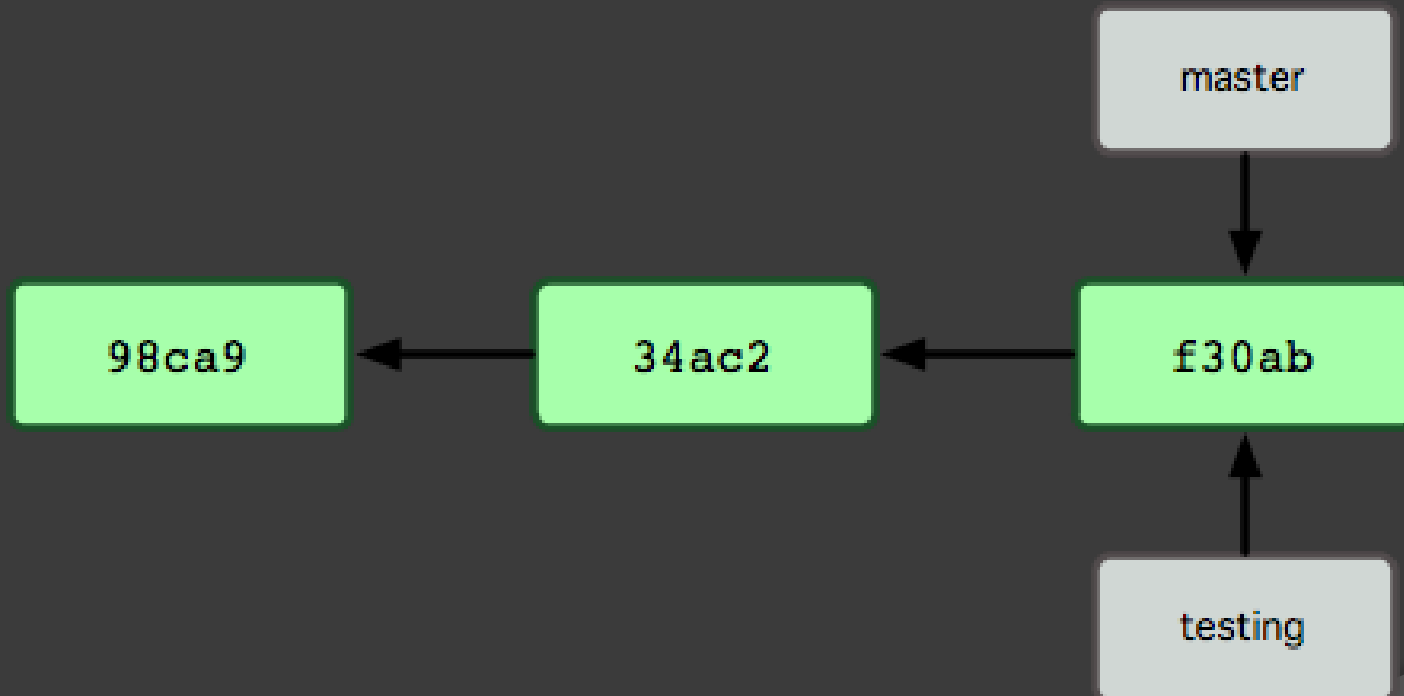
Collegamenti tra i commit



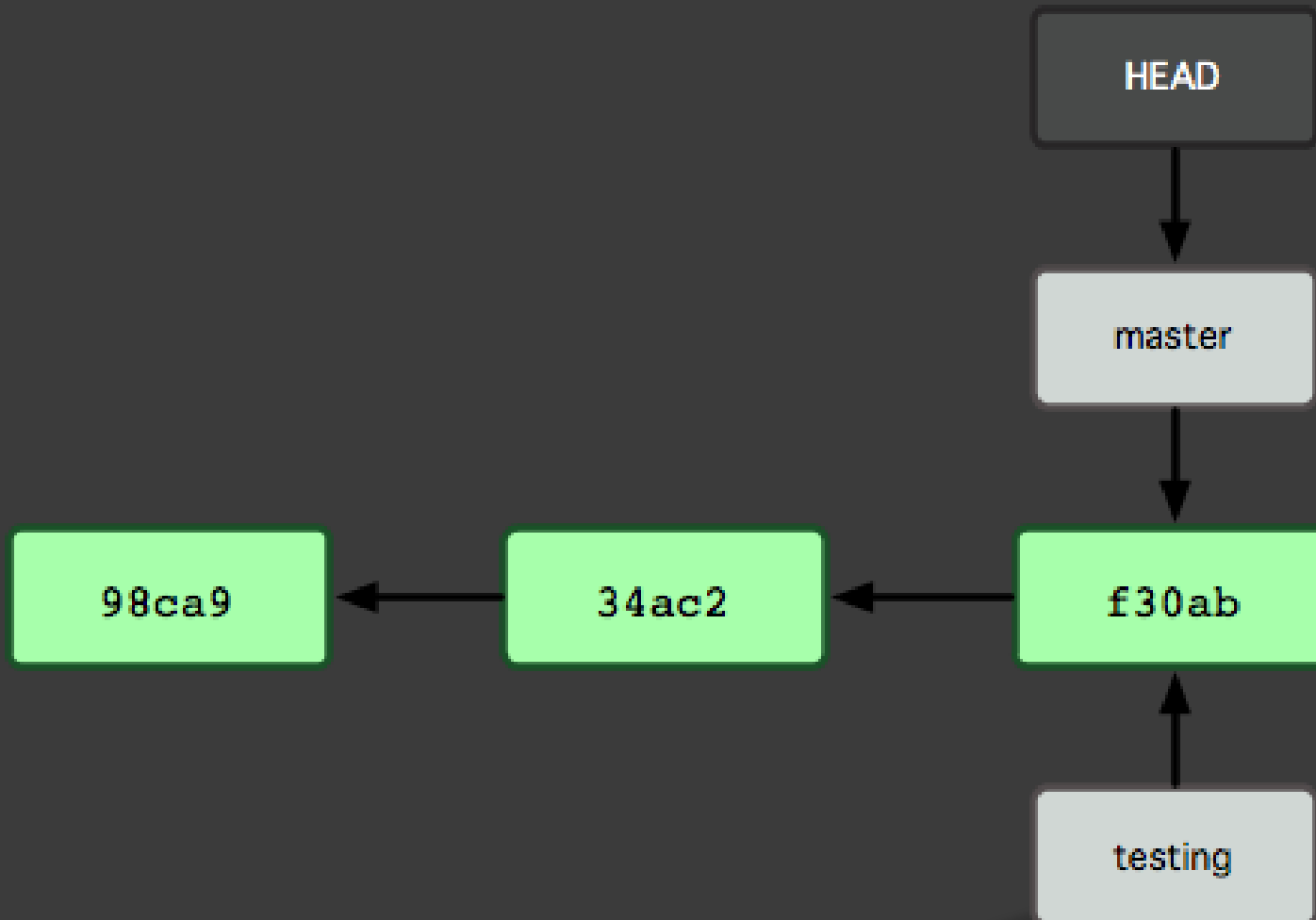
Un branch



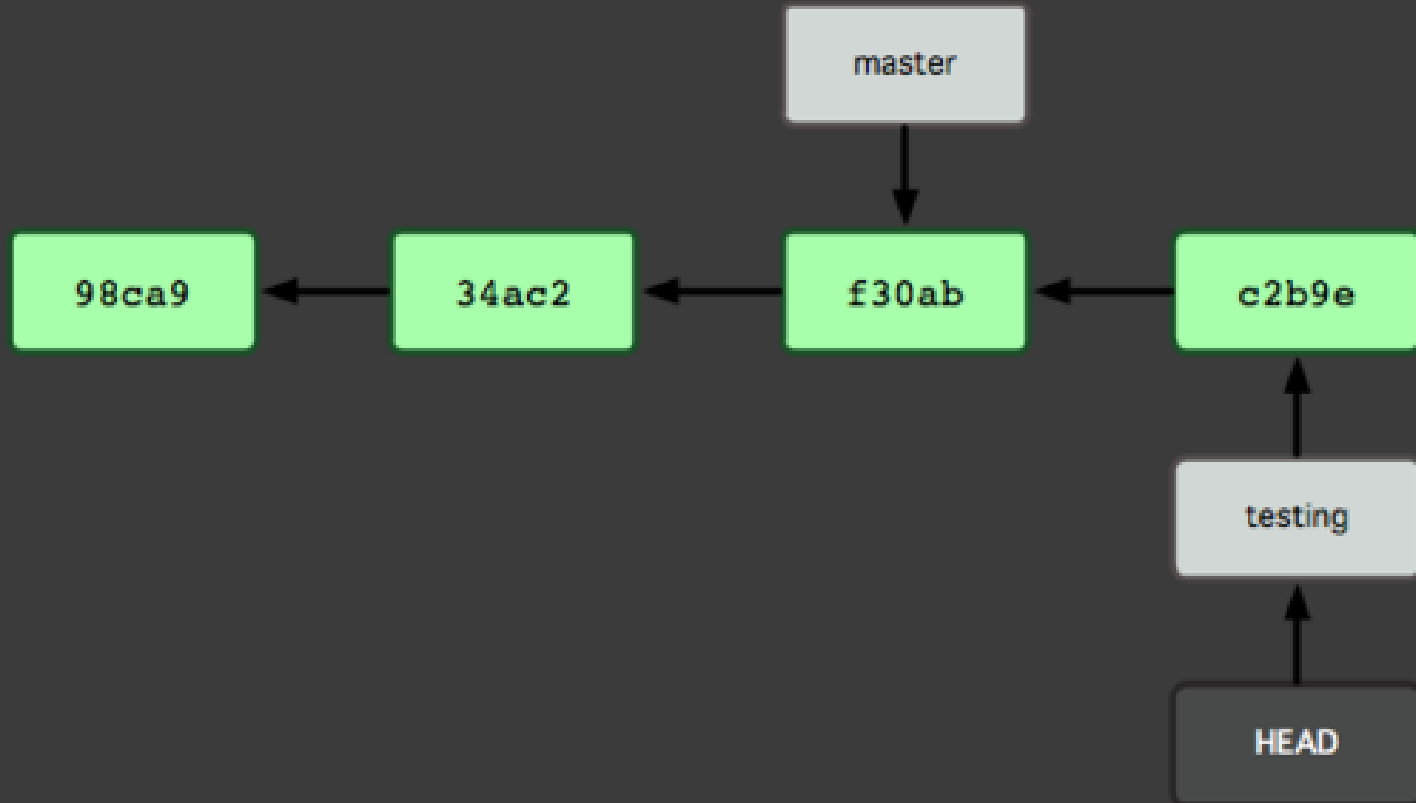
Another branch



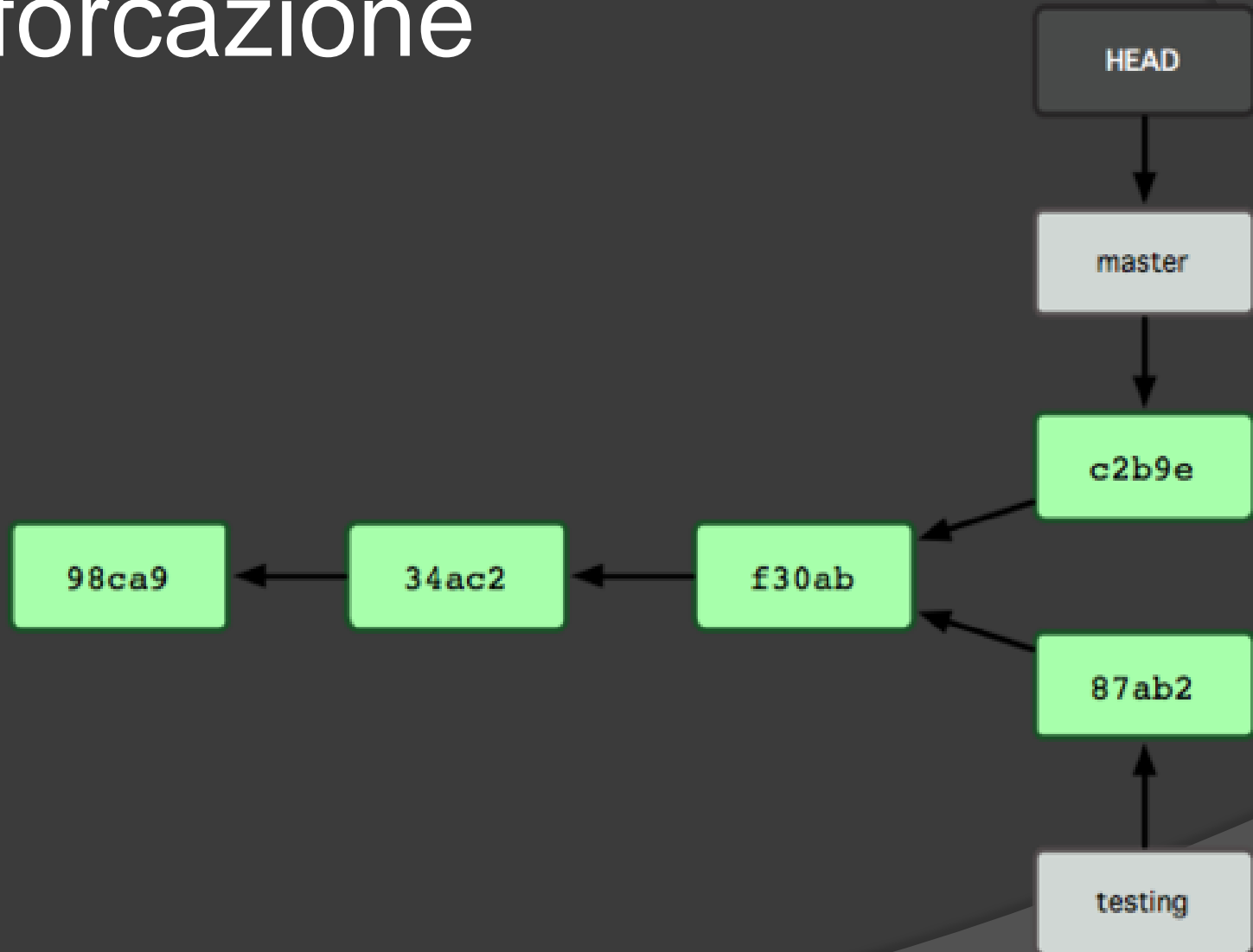
HEAD



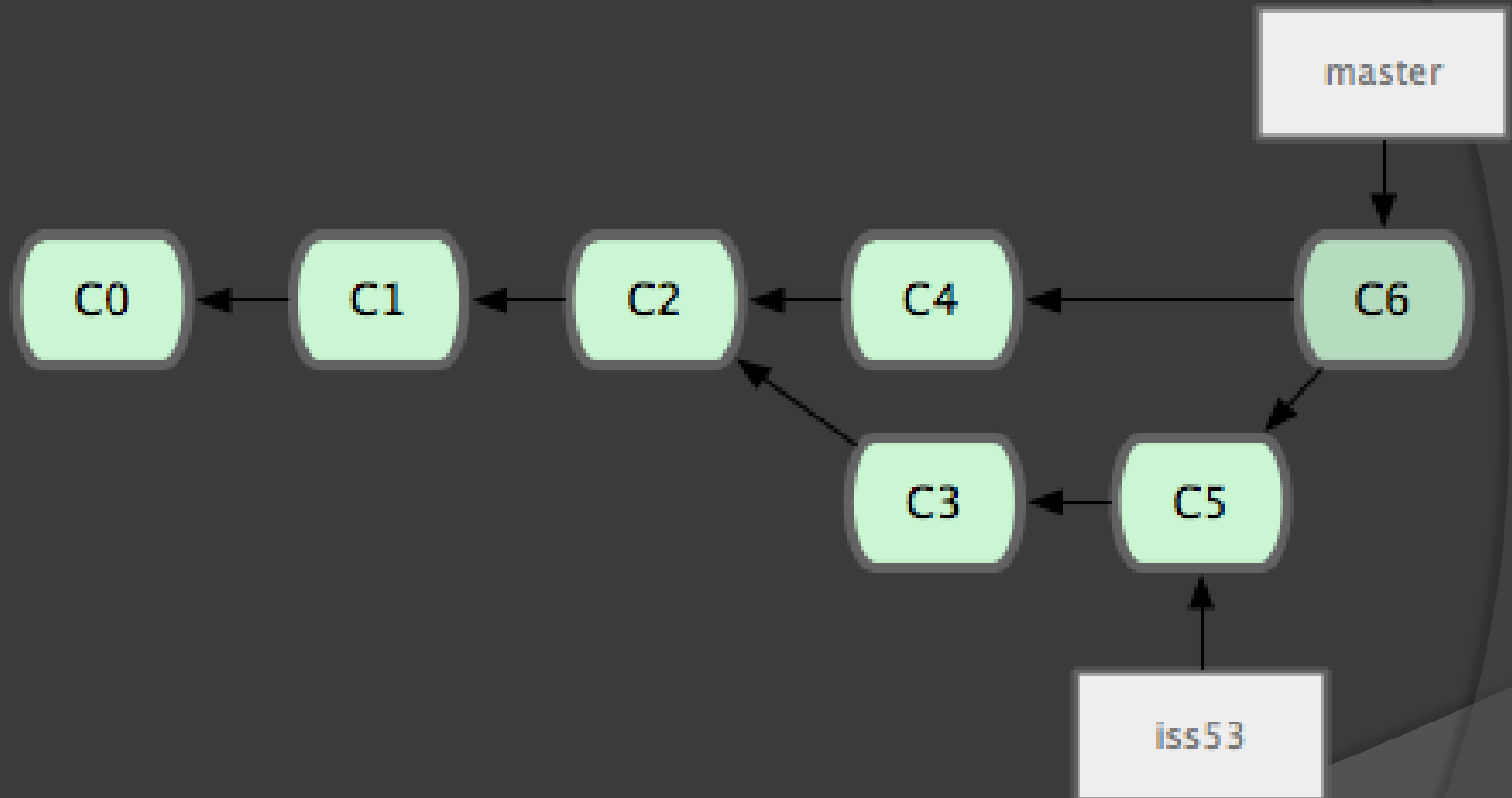
Spostamento di HEAD



Biforcazione



Esempio di merge



Progetti che usano GIT

- ◉ [Linux](#)
- ◉ [Android](#)
- ◉ [freedesktop.org](#) (X.org)
- ◉ [Wine](#)
- ◉ [Debian](#)
- ◉ [ALT Linux](#)
- ◉ [Ruby on Rails](#)
- ◉ [MooTools](#)
- ◉ [Ubuntu](#)
- ◉ [Perl](#)
- ◉ [GNOME](#)
- ◉ [VLC](#)
- ◉ [OpenEmbedded](#)
- ◉ [Qt](#)
- ◉ [MaNGOS](#)
- ◉ [KDevelop](#)