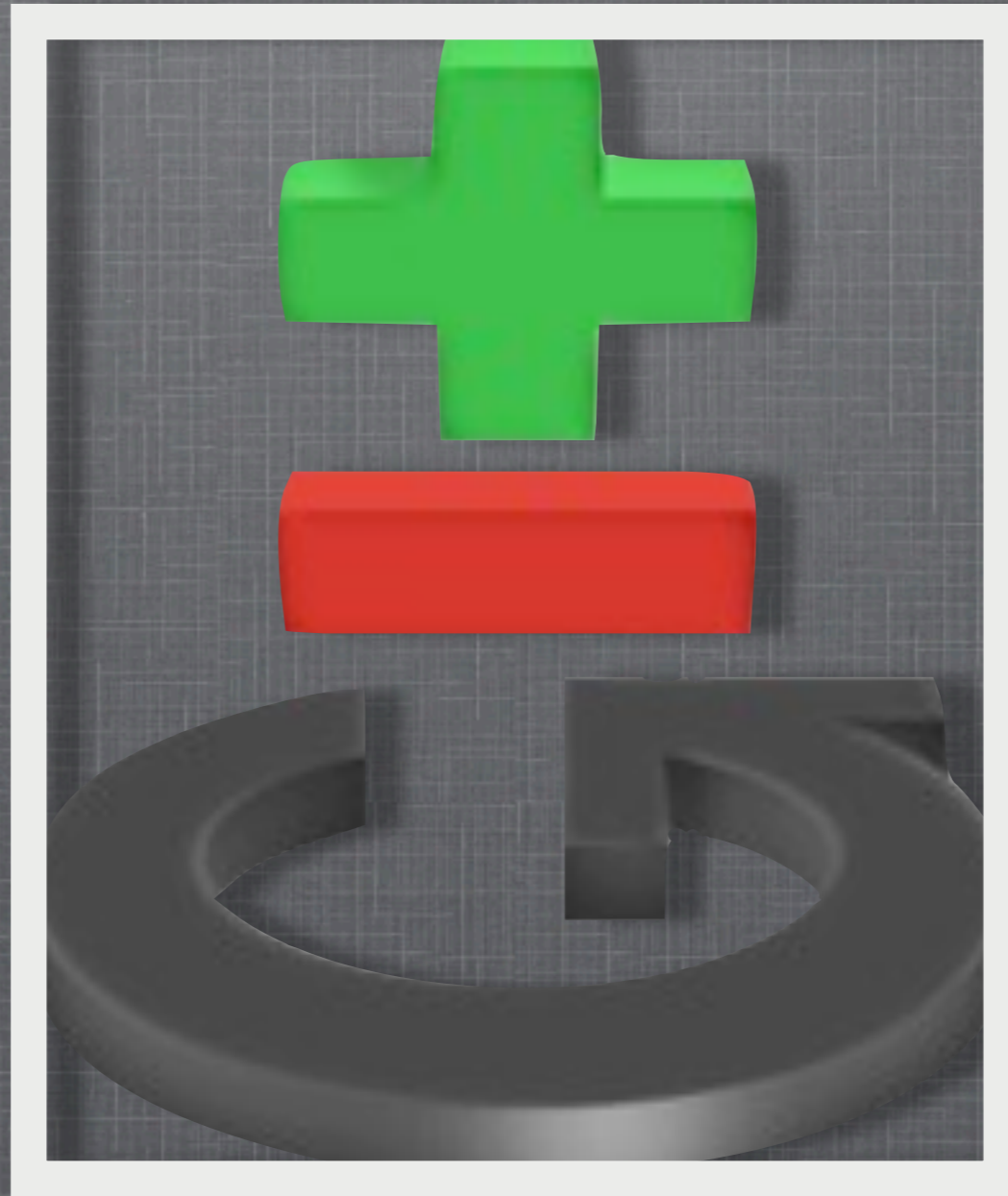


# SYSTÈMES DE CONTRÔLE DE VERSION DISTRIBUÉS



Puissance et flexibilité avec Git

# AGENDA

- Vue extérieure
- Vue intérieure
- Liberté
- Responsabilité

# LOUIS JACOMET

## Craft In Development

- Consultant indépendant
- Développeur Java
- Responsable Subversion sur un projet de 30 développeurs
- Utilisateur de git depuis 1 an
- Principalement devant Subversion



# ET VOUS ?



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# OBJECTIFS

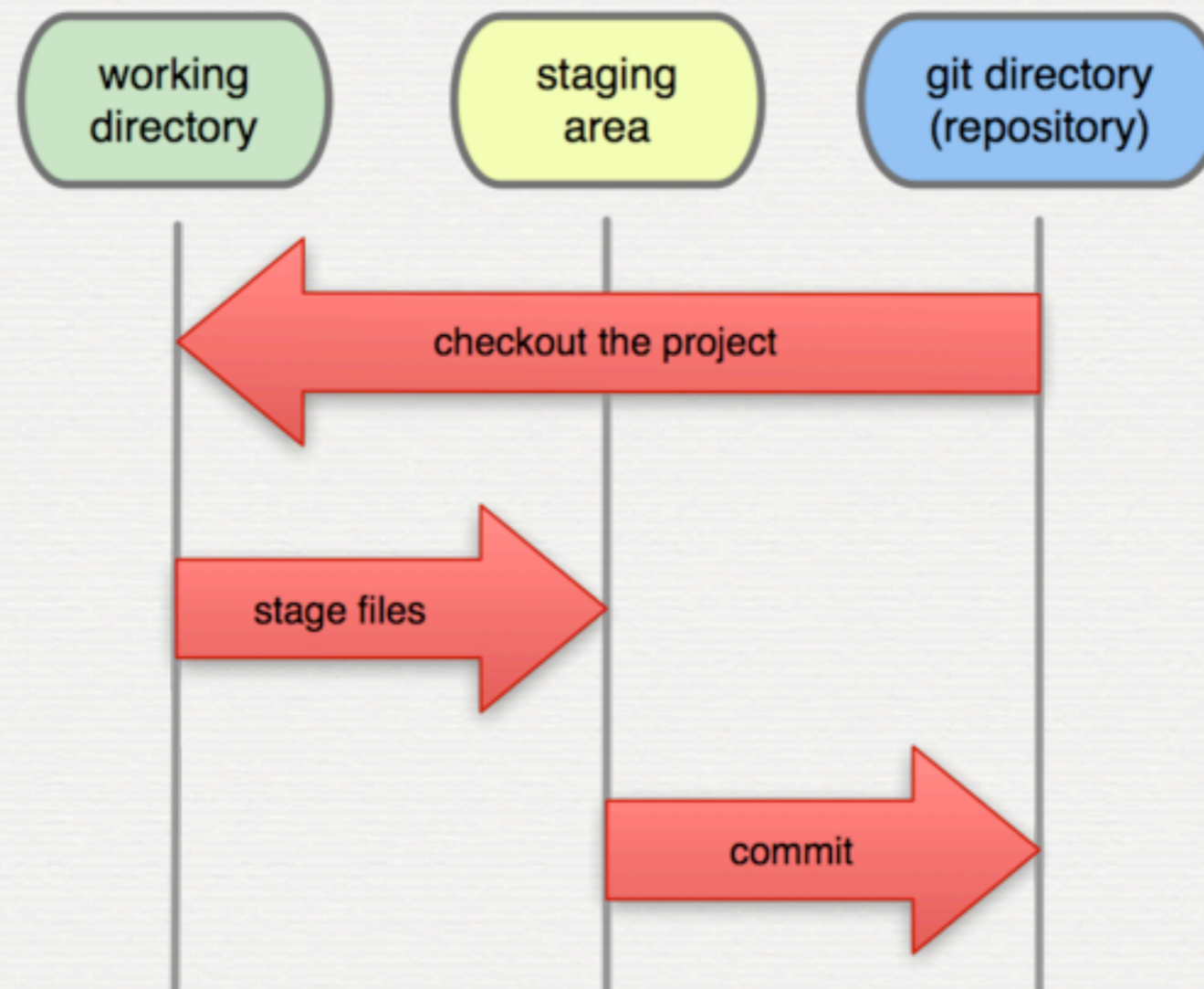
- Démystifier Git
- Comprendre comment Git fonctionne
- Illustrer ce que Git peut vous apporter



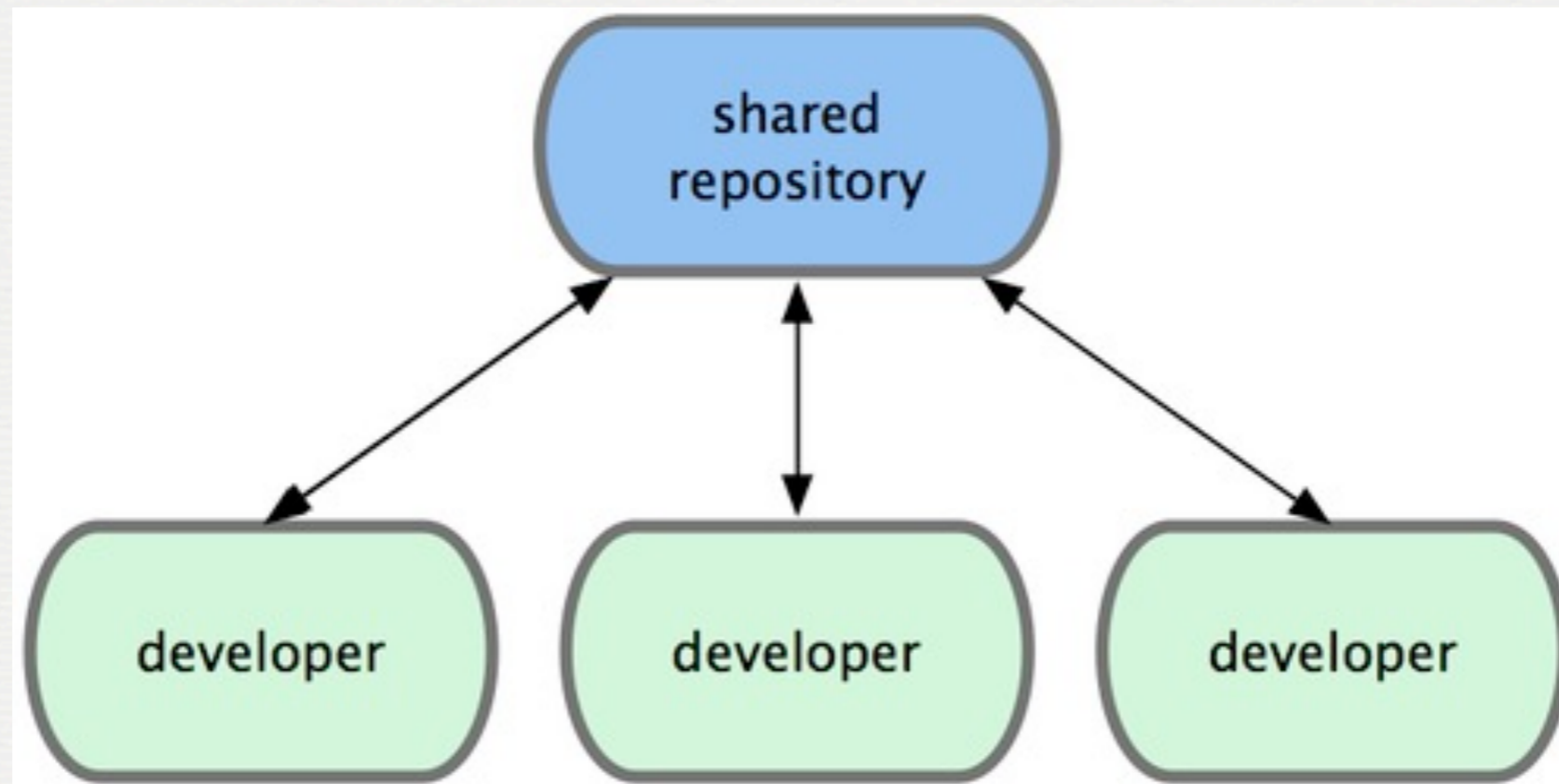
# VUE EXTÉRIEURE

# ZONE DE STAGING

## Local Operations

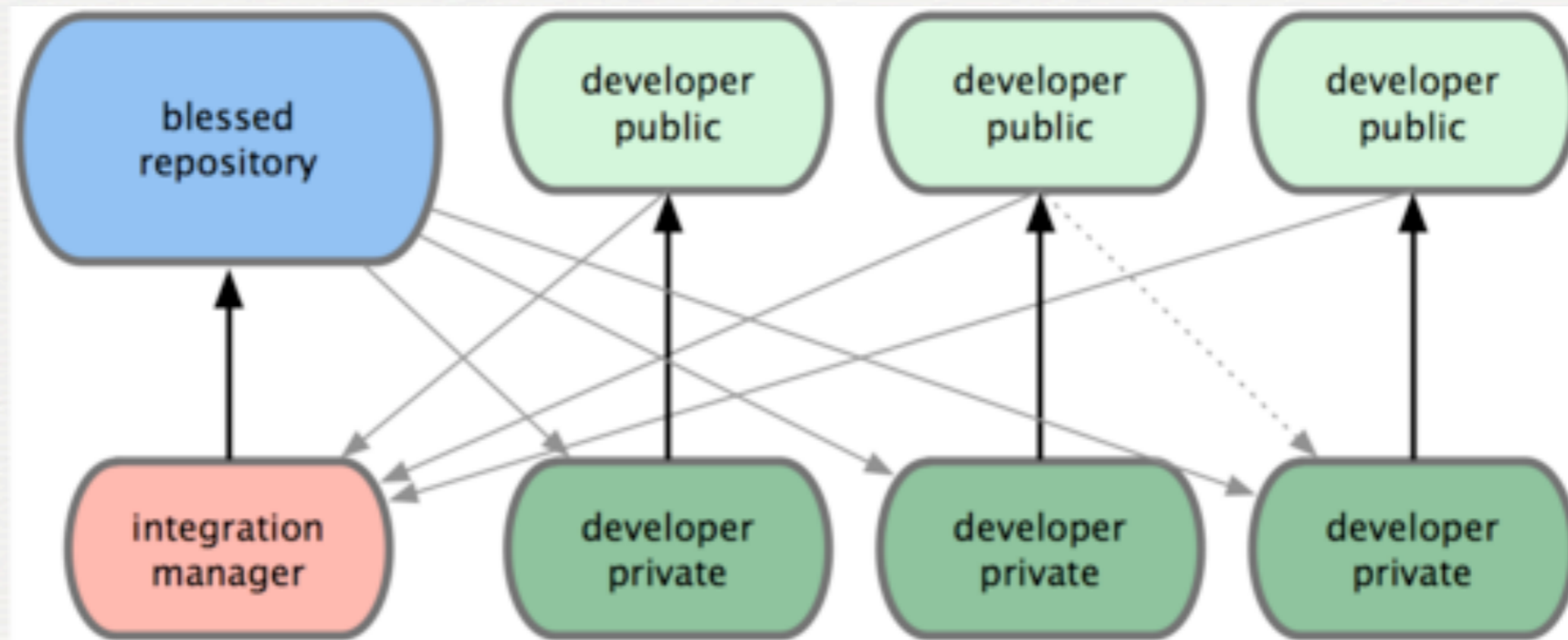


# ORGANISATION CENTRALISÉE

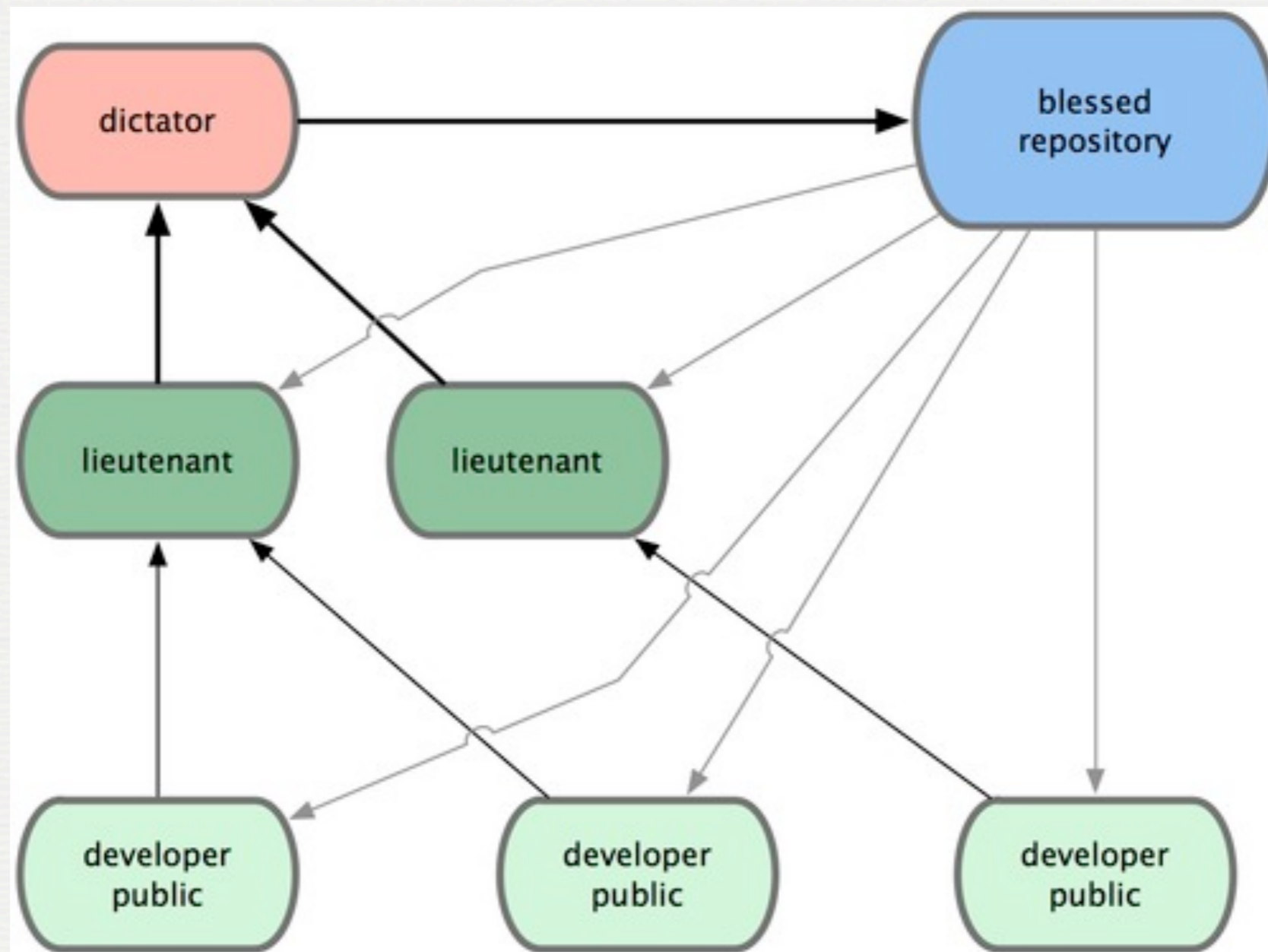




# GESTIONNAIRE D'INTÉGRATION



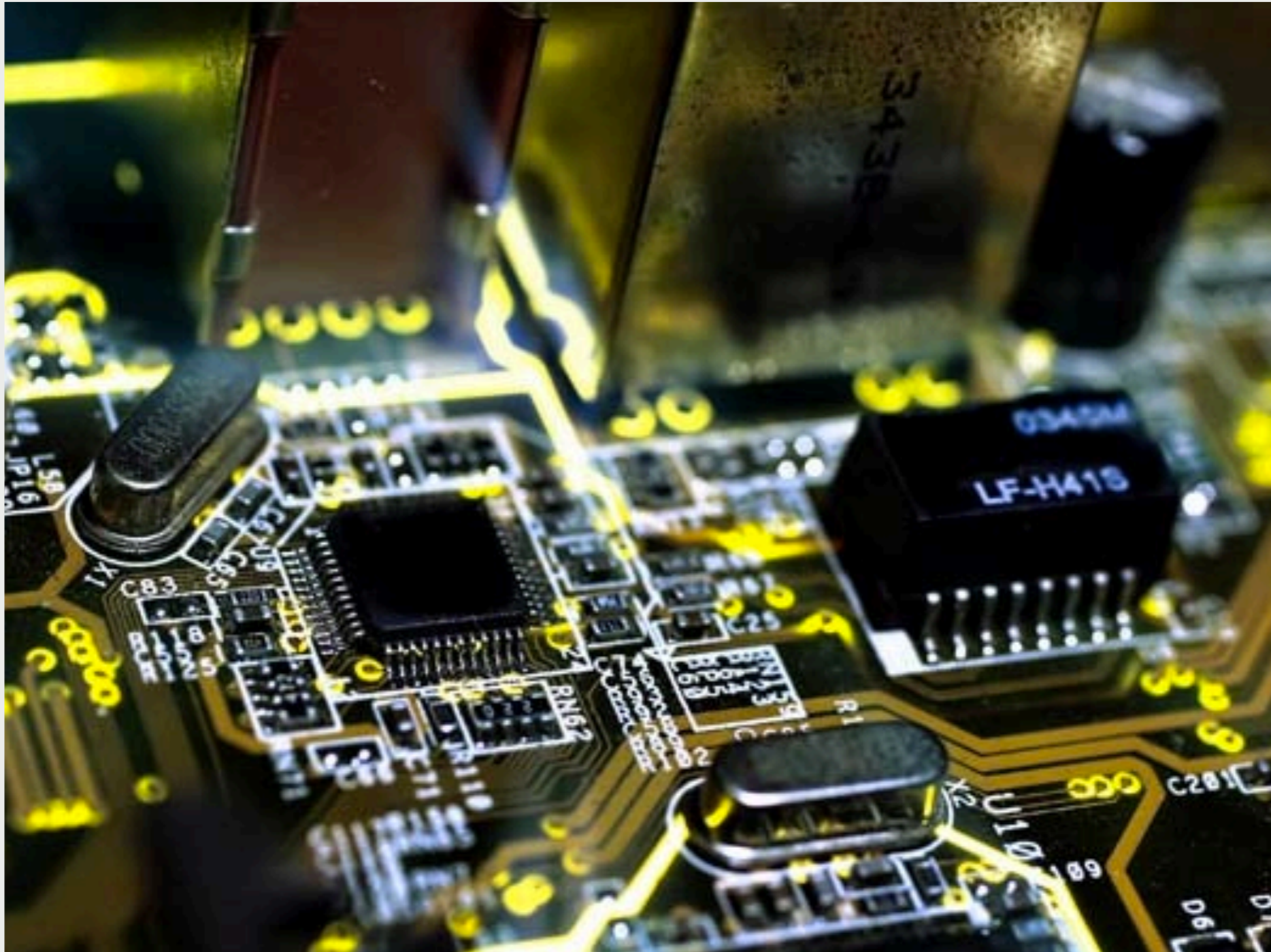
# DICTATEUR ET LIEUTENANTS



# IDENTIFIER UN COMMIT

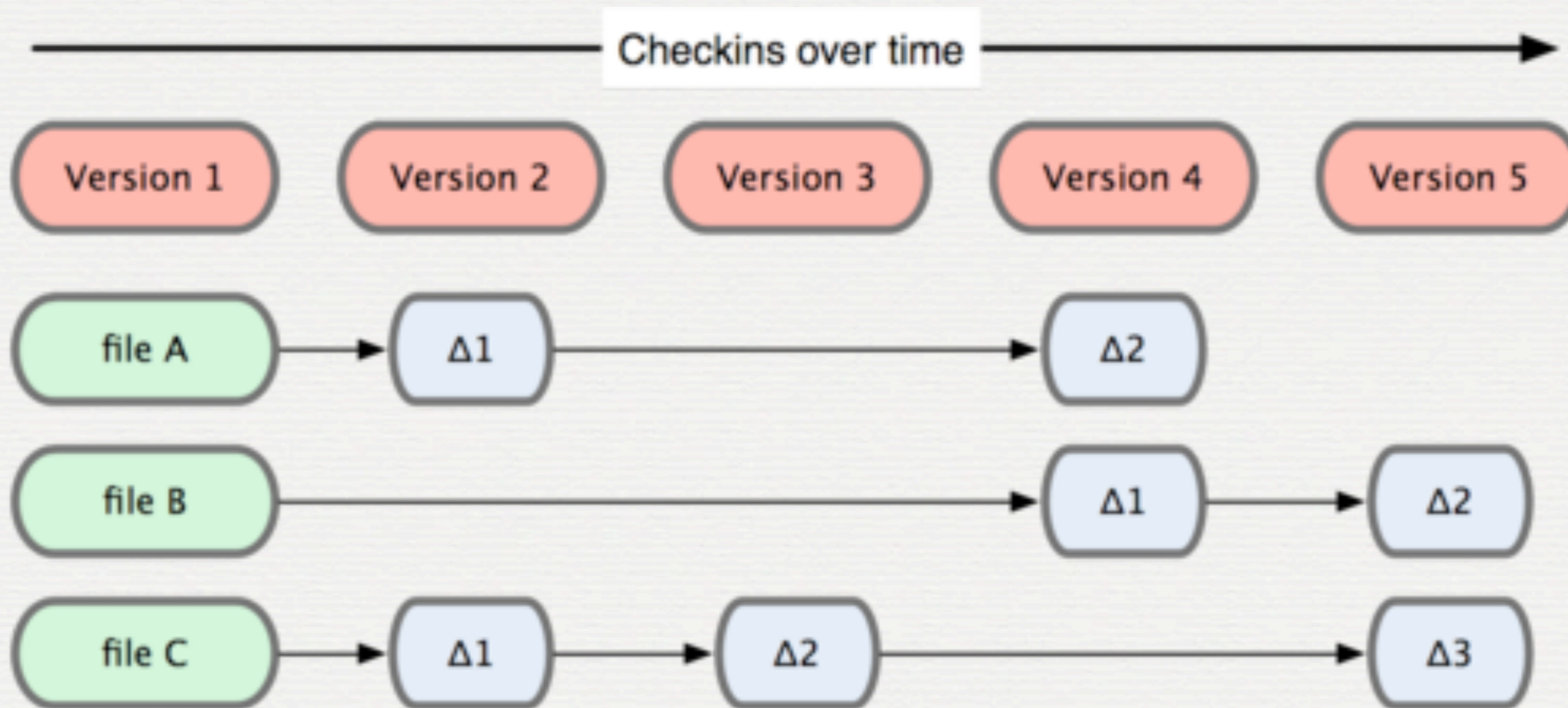
6ff87c4664981e4397625791c8ea3bbb5f2279a3

SHA1 du contenu - 40 caractères

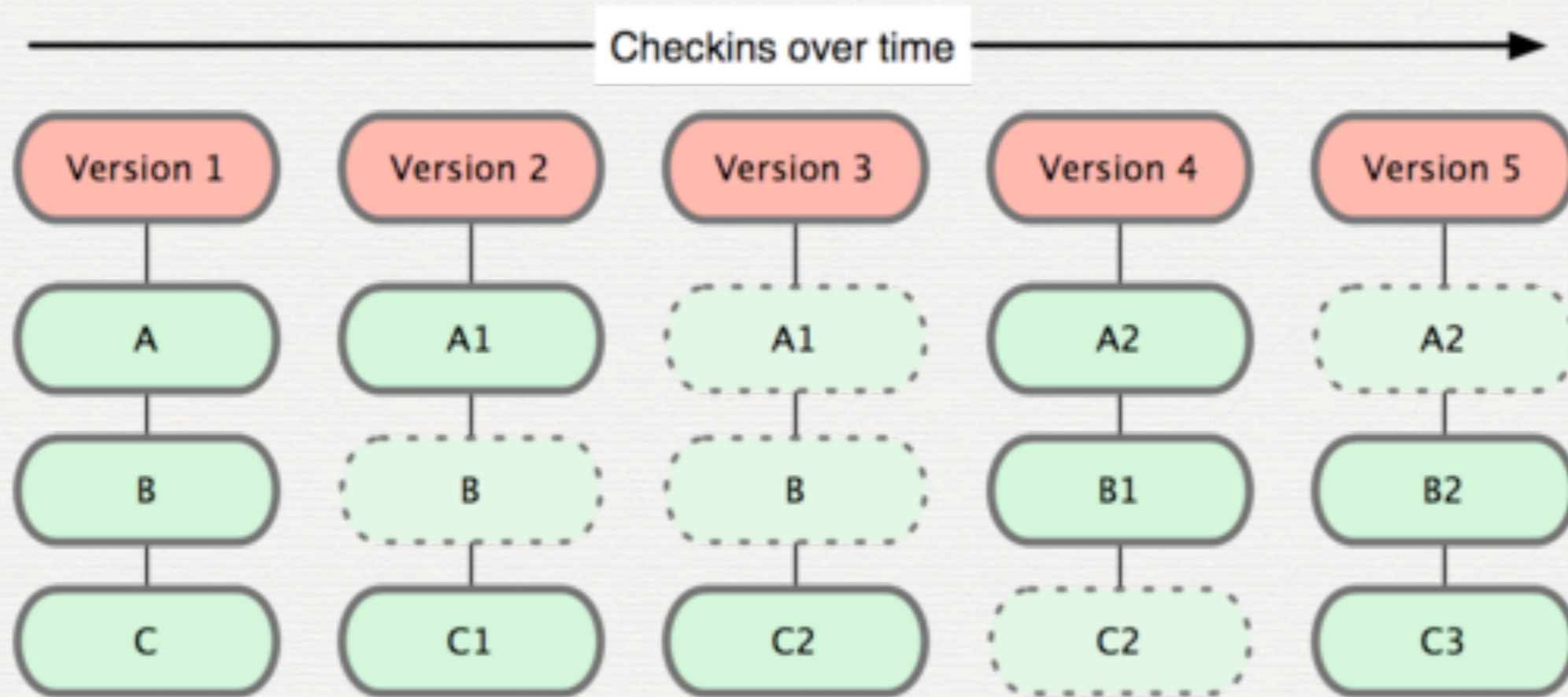


# VUE INTÉRIEURE

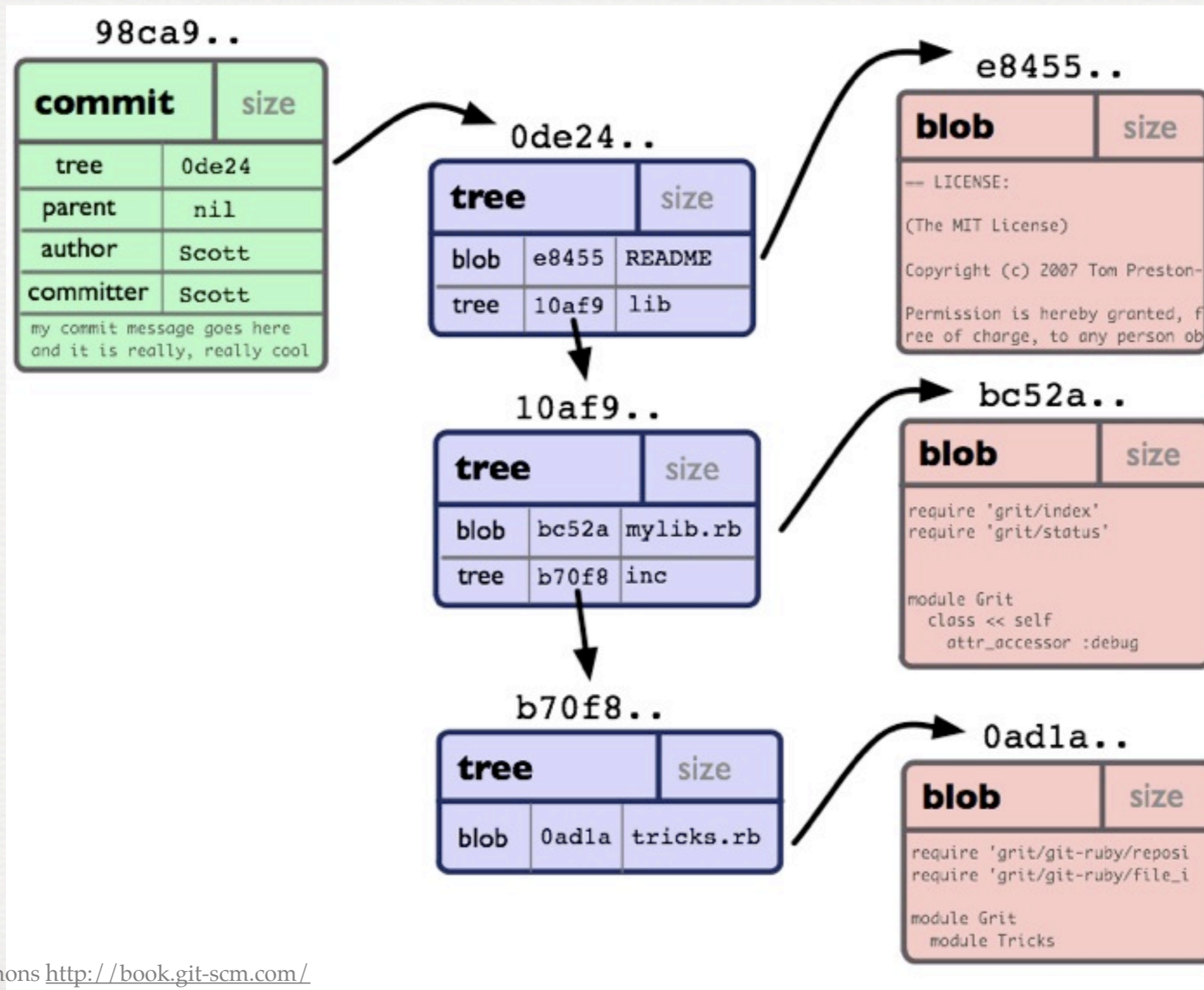
# REPRESENTATION PAR DELTA



# REPRESENTATION PAR SNAPSHOT



# REPRESENTATION INTERNE





LIBERTÉ

<http://www.portwallpaper.com/image/27418-freedom-bird.html>

Tuesday 19 April 2011

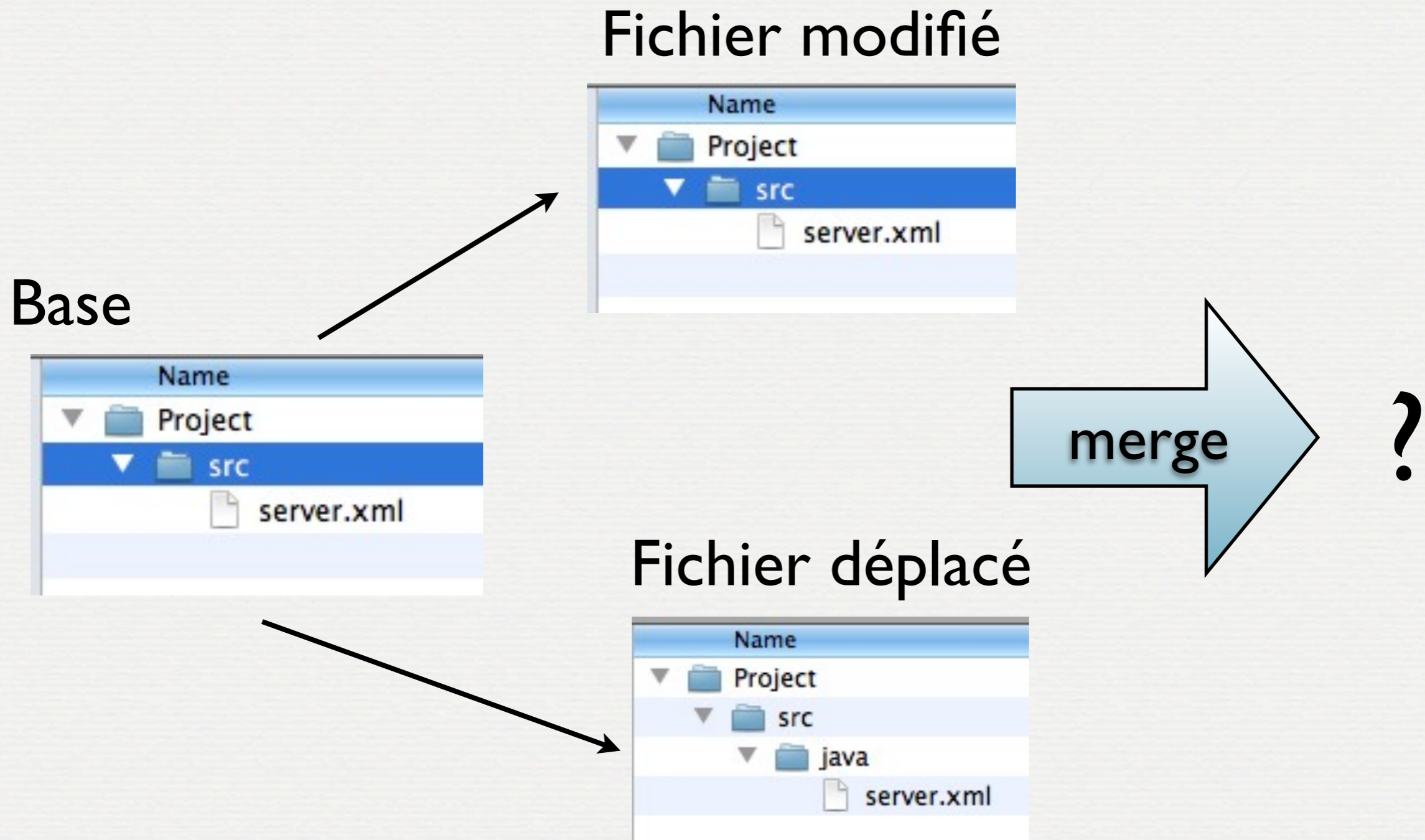


# OPÉRATIONS LOCALES

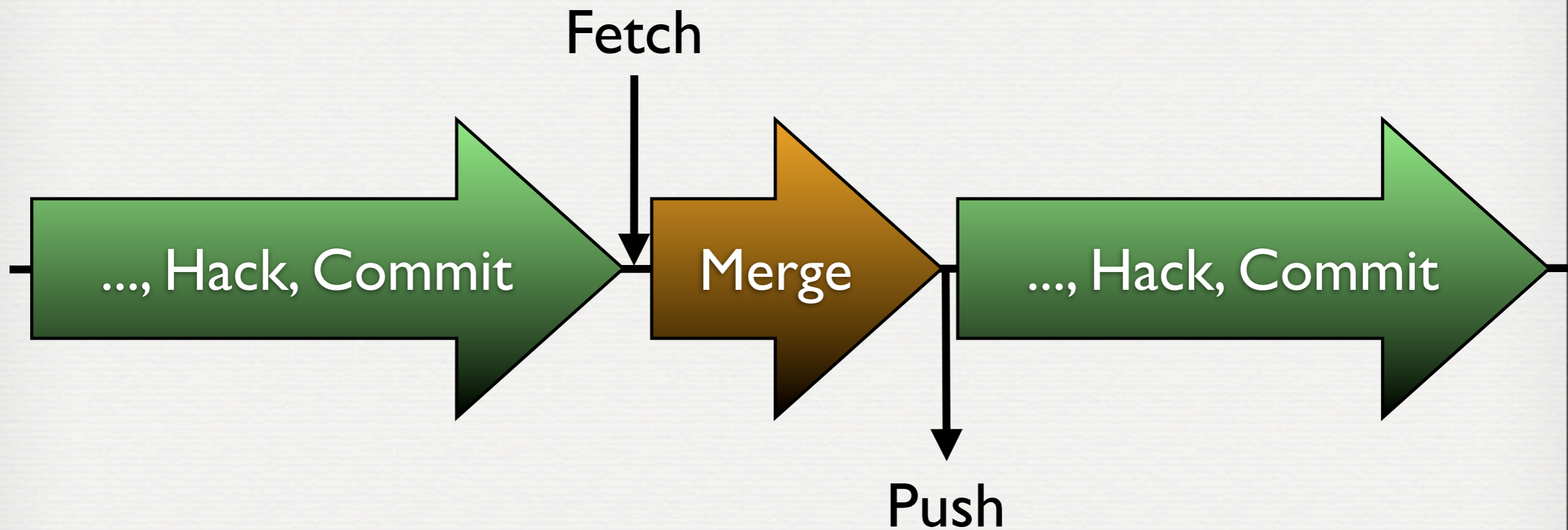
- Commit
- Gestion de branches
- Diff
- Parcourir l'historique
- Annoter un fichier



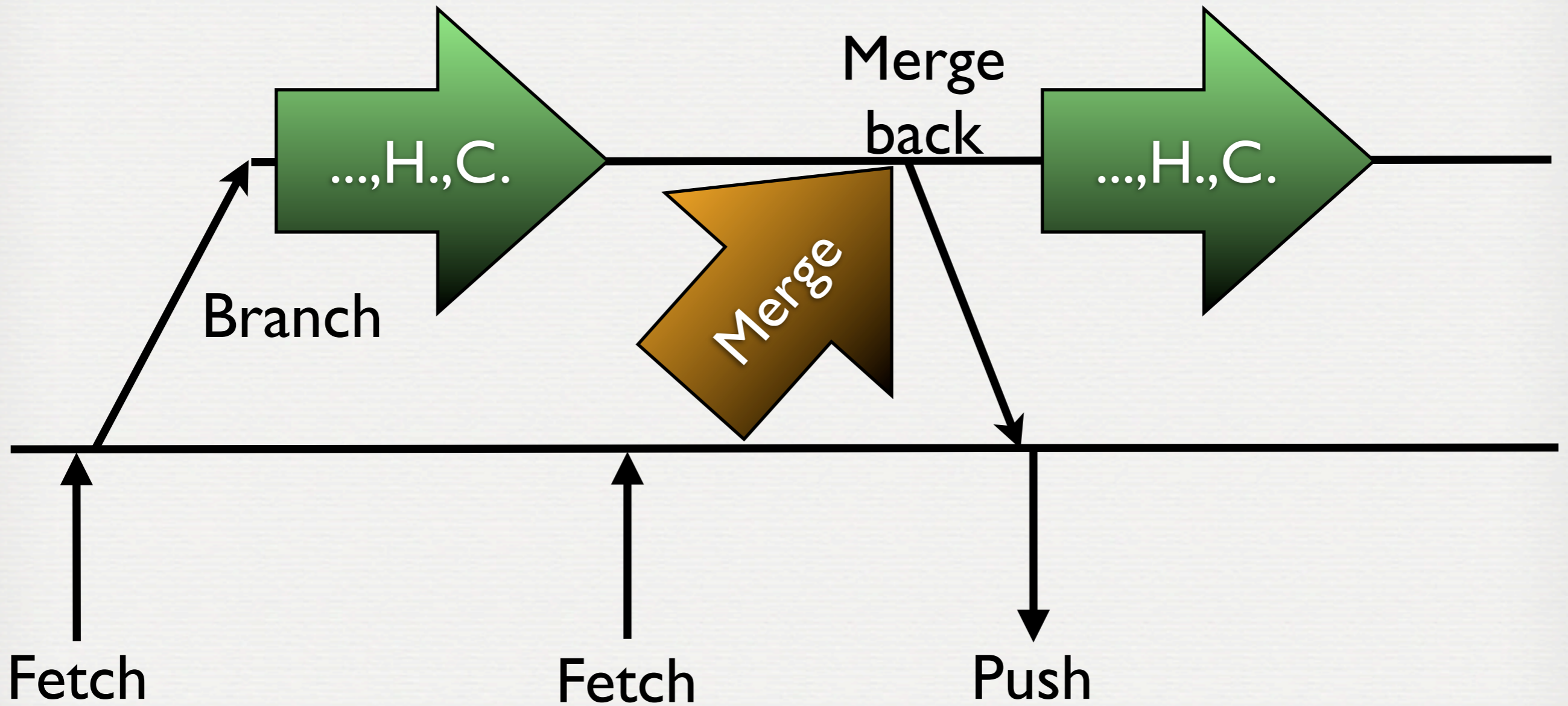
# GESTION DES MERGE



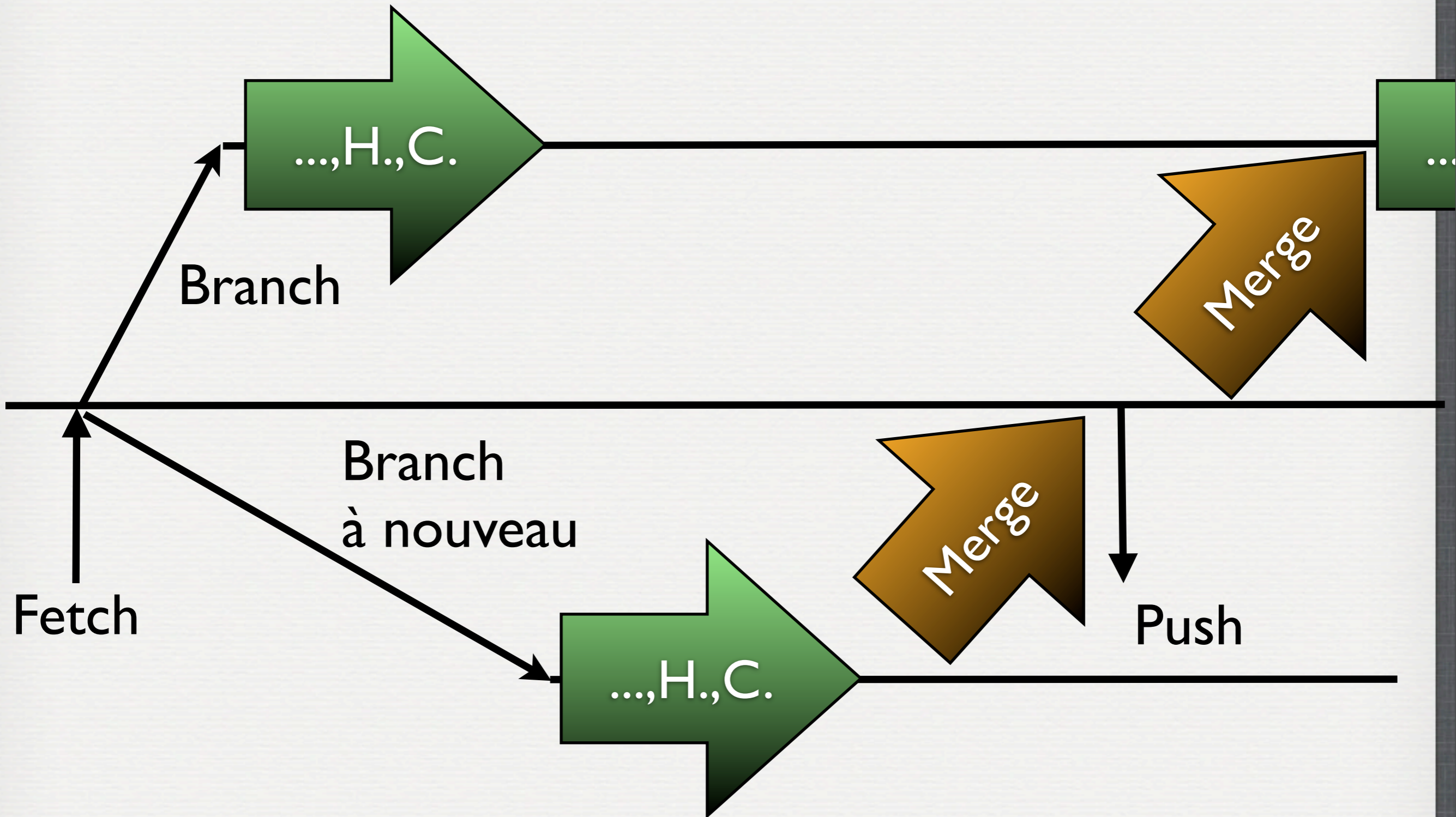
# TRAVAIL COMME AVANT



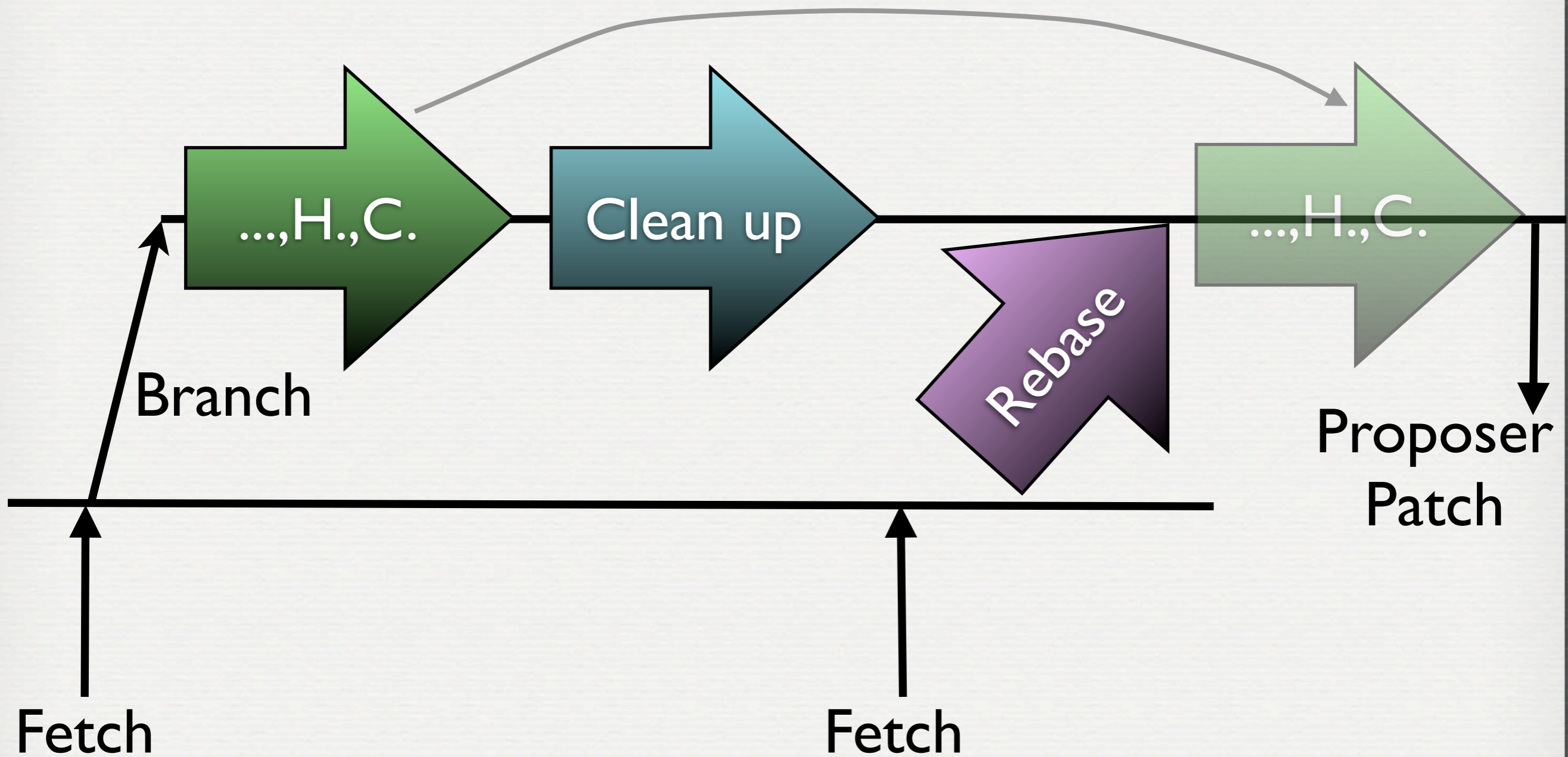
# TRAVAIL EN ISOLATION



# CHANGEMENT DE TÂCHE



# OPEN-SOURCEUR

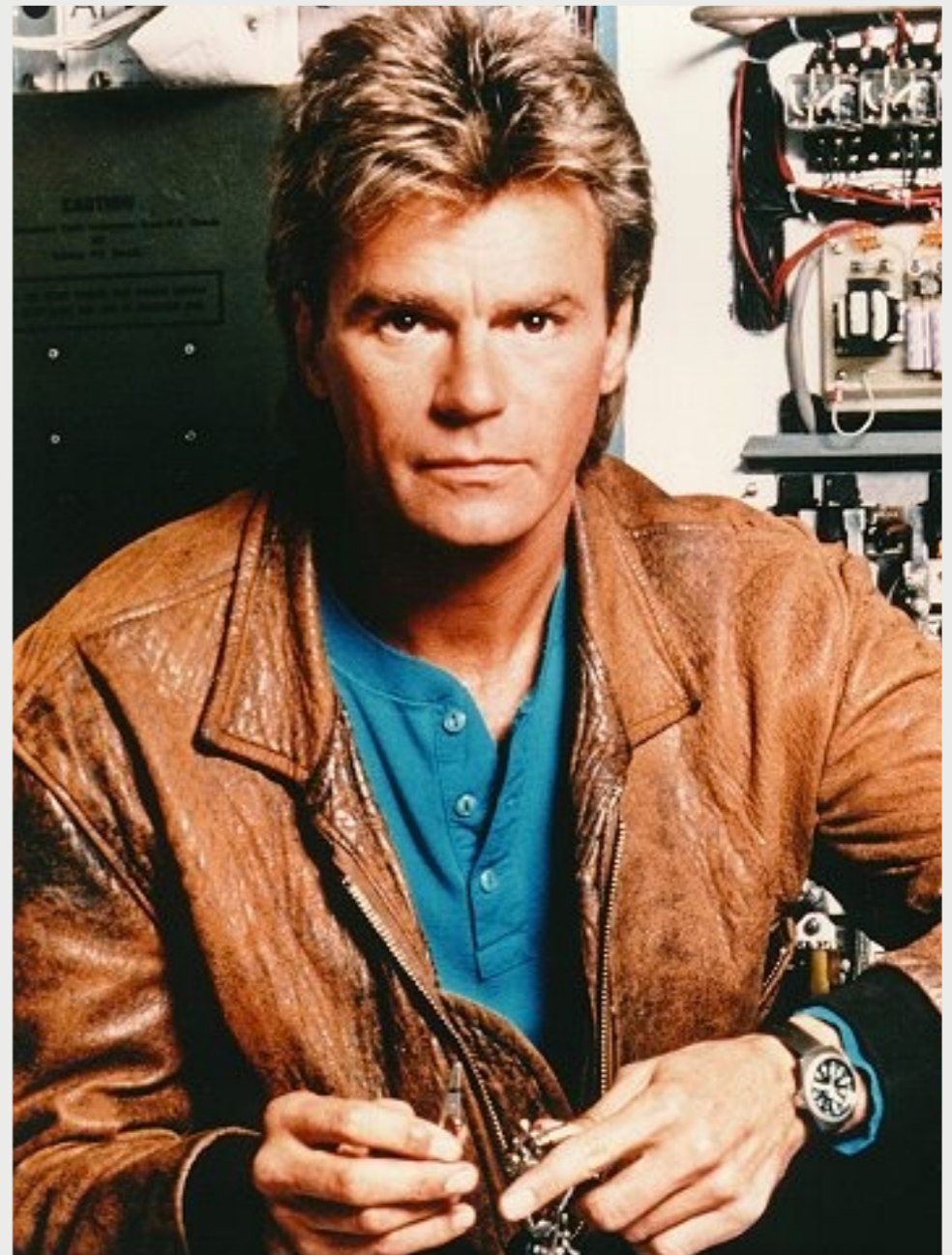




# RESPONSABILITÉ

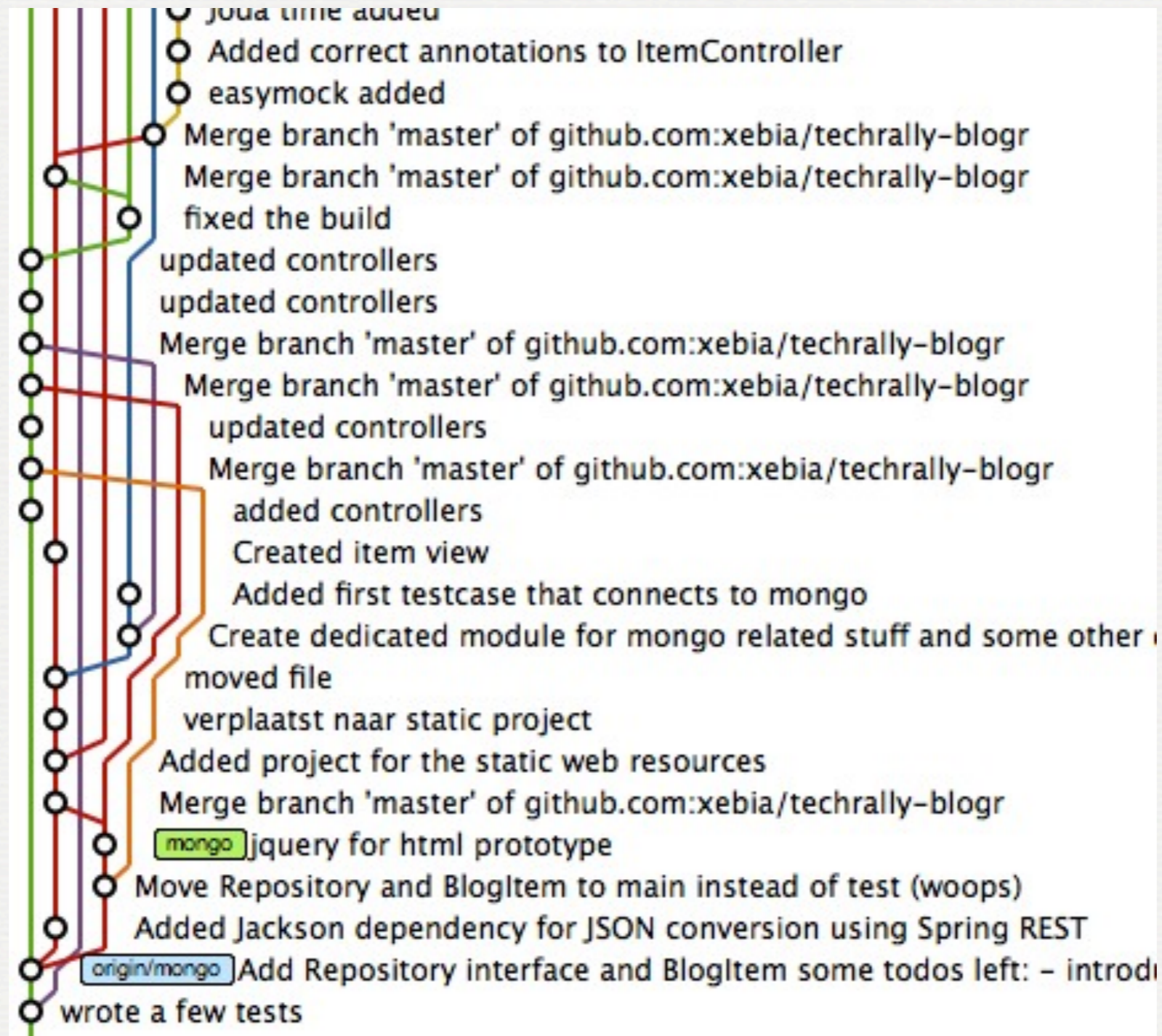
# MAGIE DES POINTEURS

- Réécrire un ou des commits
- Supprimer une branche
- ...
- Retrouver un commit





# MERGE OU REBASE ?



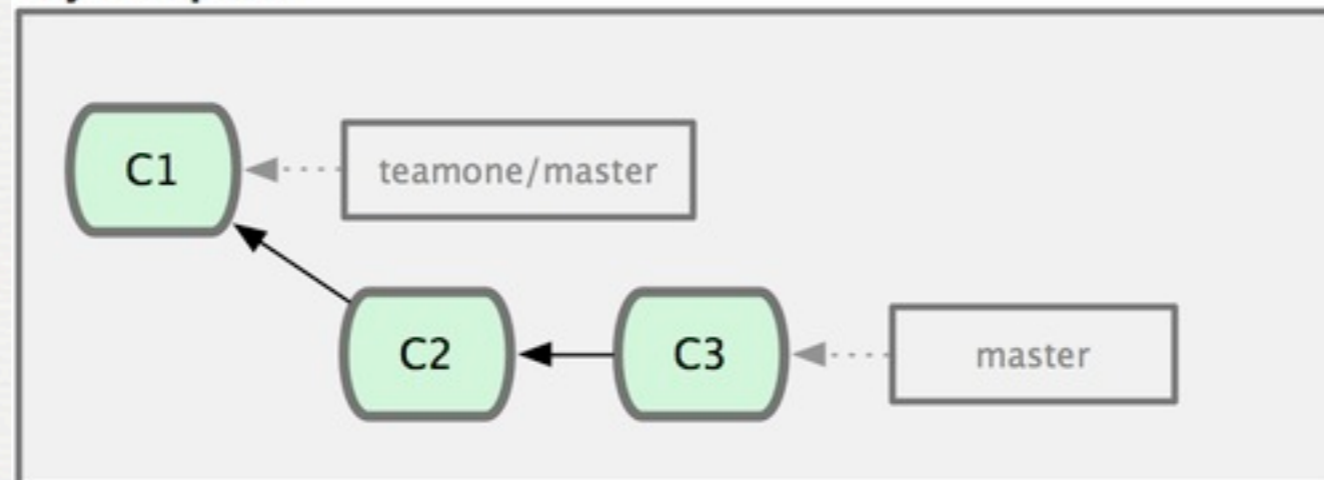
<http://blog.xebia.com/2010/09/20/git-workflow/>

# ATTENTION: PUBLIC

git.team1.ourcompany.com

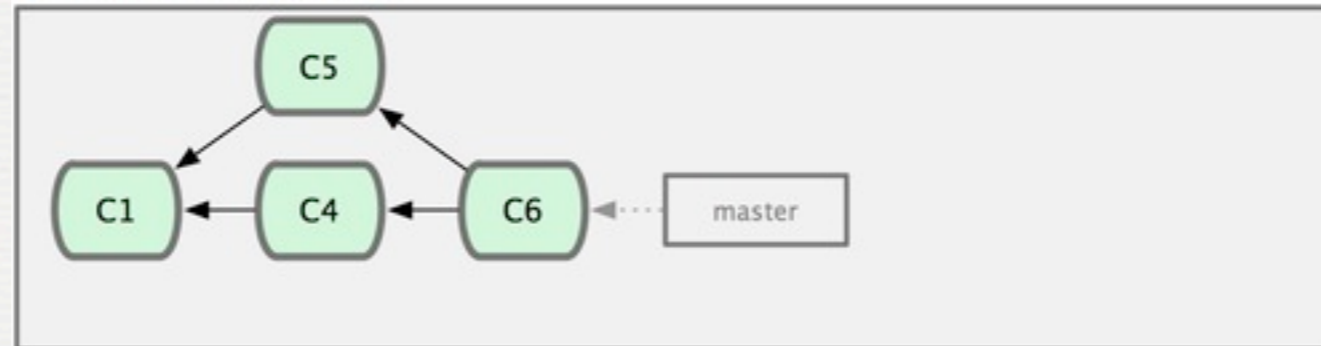


My Computer

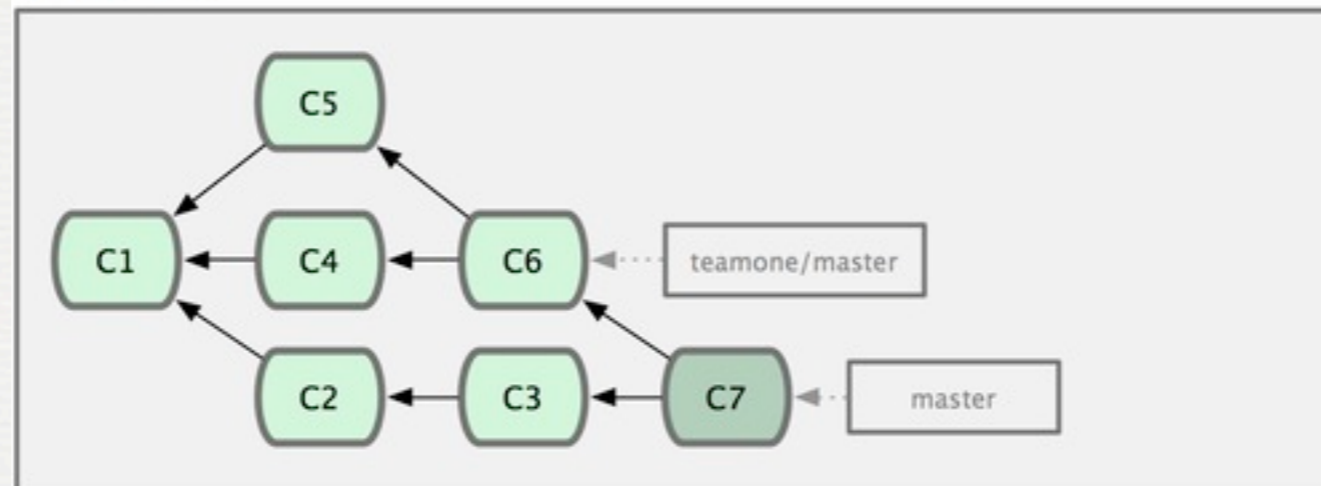


# ATTENTION: PUBLIC

git.team1.ourcompany.com

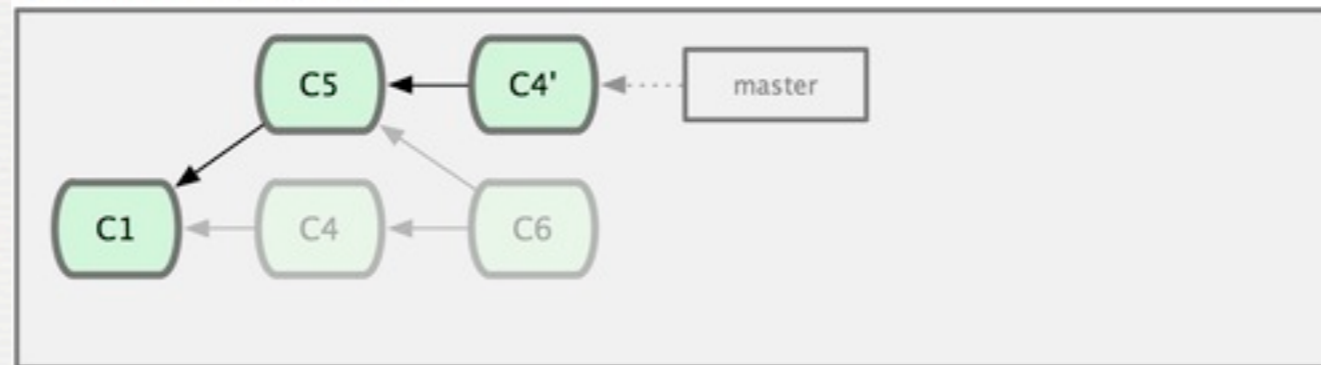


My Computer

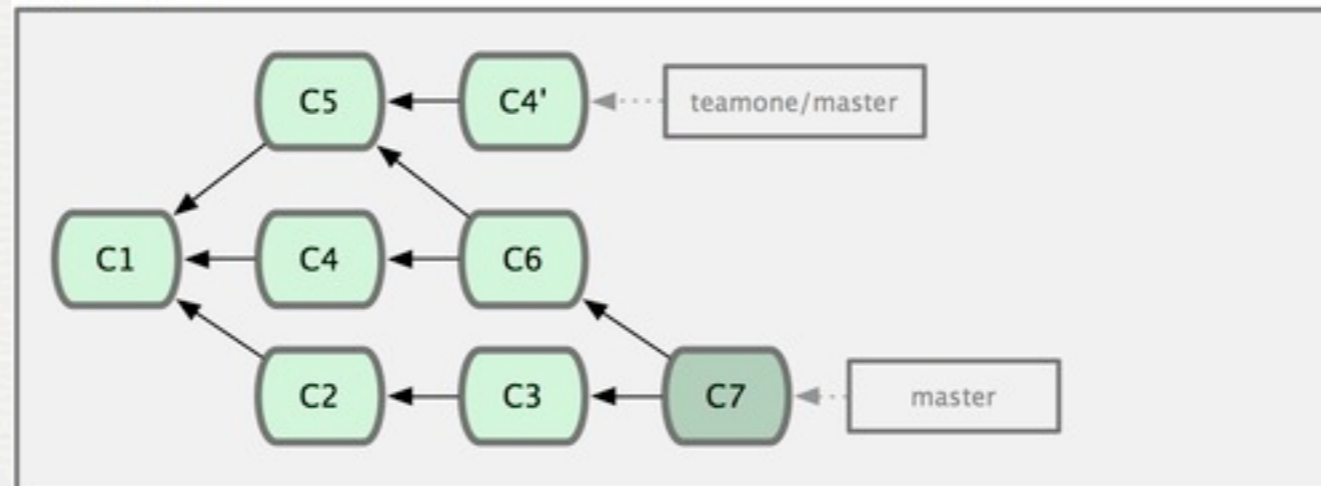


# ATTENTION: PUBLIC

git.team1.ourcompany.com

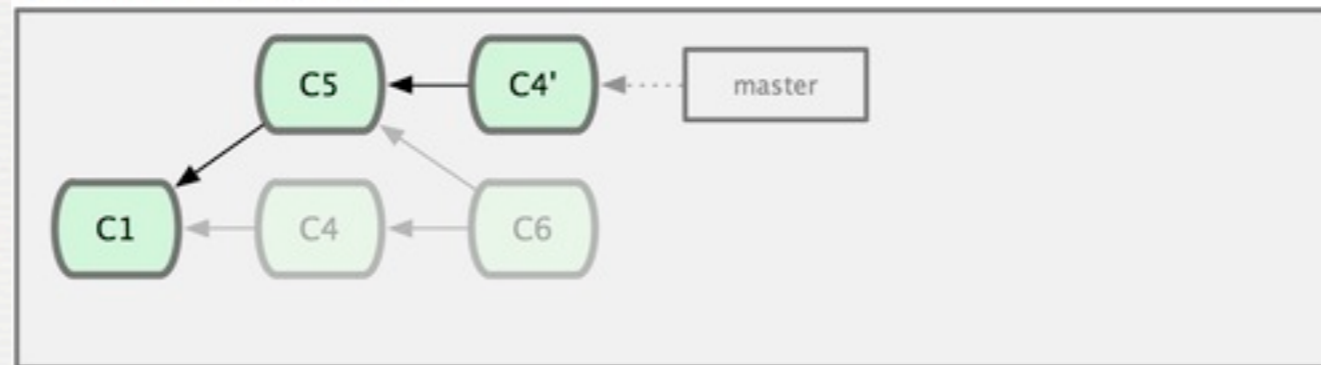


My Computer

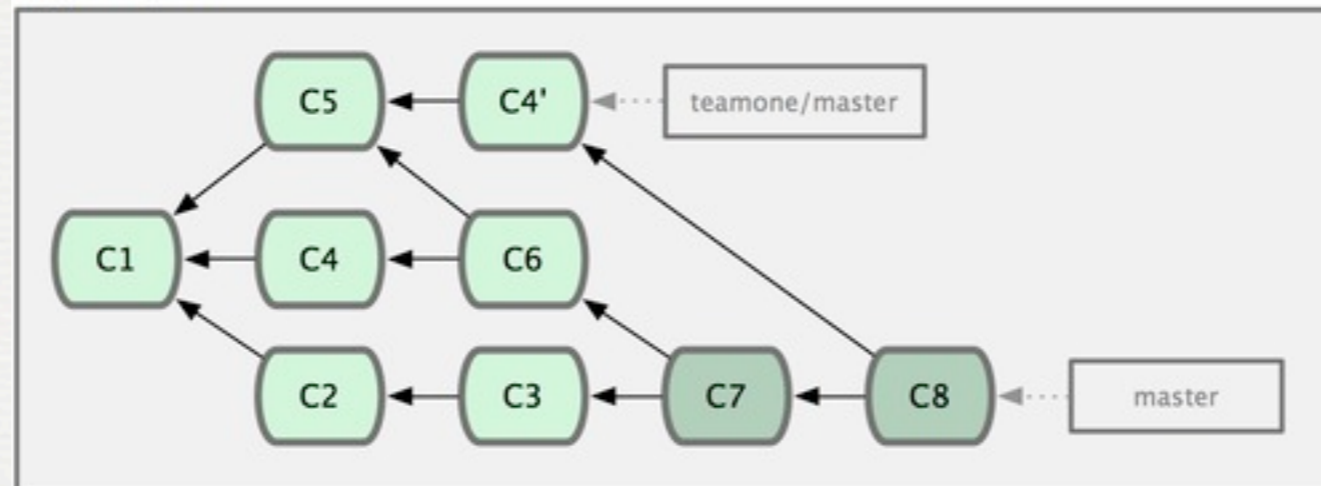


# ATTENTION: PUBLIC

git.team1.ourcompany.com



My Computer



# GIT ≠ MAGIE

- Phase d'apprentissage
  - Nécessite un suivi
  - Le dépôt local peut dissimuler des problèmes
- Ne remplace pas une gestion active dans un grand projet
- Oui il y a encore des conflits



QUESTIONS ?