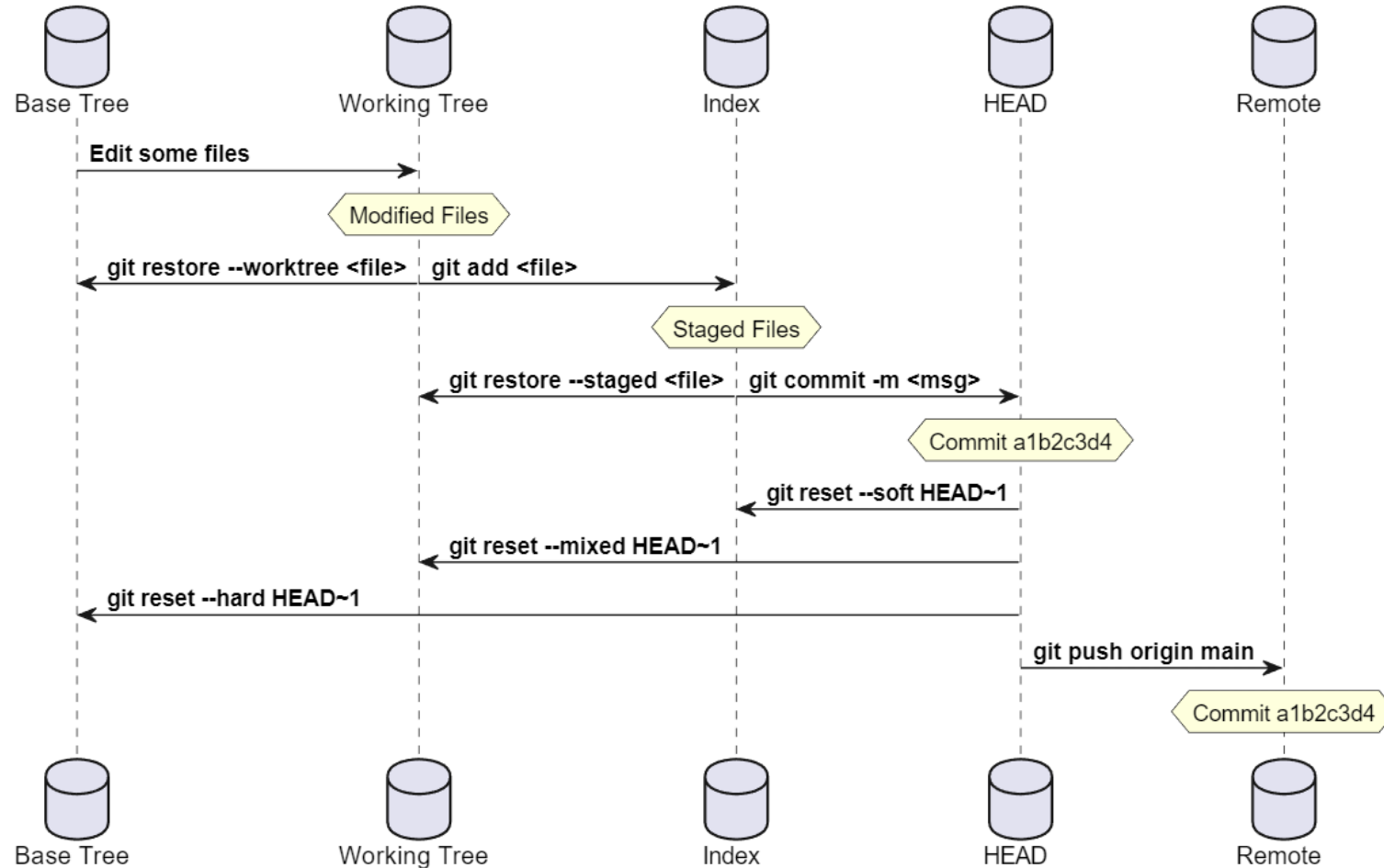


Chapitre 11

Git Partie 3

Vue d'ensemble



Branches

git branch <nom> **créer une branche**

git checkout <nom> **passer sur une branche**

git branch **lister les branches**

git branch --verbose **lister les branches (plus des infos)**

git branch --merged **lister les branches mergées**

git branch --no-merged **lister les branches non-mergées**

git branch --delete <nom> **détruit la branche**

git push origin --delete <nom> **détruit la branche**

Merge workflow

1. Créer puis aller sur sa branche
2. Faire des modifications
3. Commit
4. Aller sur main + MAJ
5. Fusionner sa branche dans main
- 6. Résoudre les conflits**
7. Push

Résoudre les conflits

```
1 Author: Benoît Le Callennec
2 Version 0.1: first edit to this file.
3 Version 0.2: second edit to this file to generate a merge commit.
4 Version 0.3: some modifications to mark it as modified.
5 Version 0.4: modifications on MAIN
6 Version 0.5: modifications on MAIN
7 Version 0.6: modifications on MAIN
8 Version 0.7: modifications on MAIN
9 Version 0.8: modifications on MAIN
10 Version 0.9: modifications on MAIN
```

```
1 Author: Benoît Le Callennec
2 Version 0.1: first edit to this file.
3 Version 0.2: second edit to this file to generate a merge commit.
4 Version 0.3: some modifications to mark it as modified.
5 Version 0.4: modifications on DEV_Branch
6 Version 0.5: modifications on DEV_Branch
7 Version 0.6: modifications on DEV_Branch
8 Version 0.7: modifications on DEV_Branch
9 Version 0.8: modifications on DEV_Branch
10 Version 0.9: modifications on DEV_Branch
```

Résoudre les conflits

```
1 Author: Benoît Le Callennec
2 Version 0.1: first edit to this file.
3 Version 0.2: second edit to this file to generate a merge commit.
4 Version 0.3: some modifications to mark it as modified.
  Accept Current Change | Accept Incoming Change | Accept Both Changes | Compare Changes
5 <<<<<< HEAD (Current Change)
6 Version 0.4: modifications on MAIN
7 Version 0.5: modifications on MAIN
8 Version 0.6: modifications on MAIN
9 Version 0.7: modifications on MAIN
10 Version 0.8: modifications on MAIN
11 Version 0.9: modifications on MAIN
12 =====
13 Version 0.4: modifications on DEV_Branch
14 Version 0.5: modifications on DEV_Branch
15 Version 0.6: modifications on DEV_Branch
16 Version 0.7: modifications on DEV_Branch
17 Version 0.8: modifications on DEV_Branch
18 Version 0.9: modifications on DEV_Branch
19 >>>>>> DEV_Branch (Incoming Change)
```

Résoudre les conflits

```
1  Author: Benoit Le Callennec
2  Version 0.1: first edit to this file.
3  Version 0.2: second edit to this file to generate a merge commit.
4  Version 0.3: some modifications to mark it as modified.
5  Version 0.4: modifications on MAIN
6  Version 0.5: modifications on DEV_Branch
7  Version 0.6: modifications on MAIN
8  Version 0.7: modifications on DEV_Branch
9  Version 0.8: modifications on MAIN
10 Version 0.9: modifications on DEV_Branch
```

Résoudre les conflits

1. Marquer les conflits comme résolus : `git add <file>`
2. Finaliser le merge : `git commit`

3. Comment annuler le merge commit ?