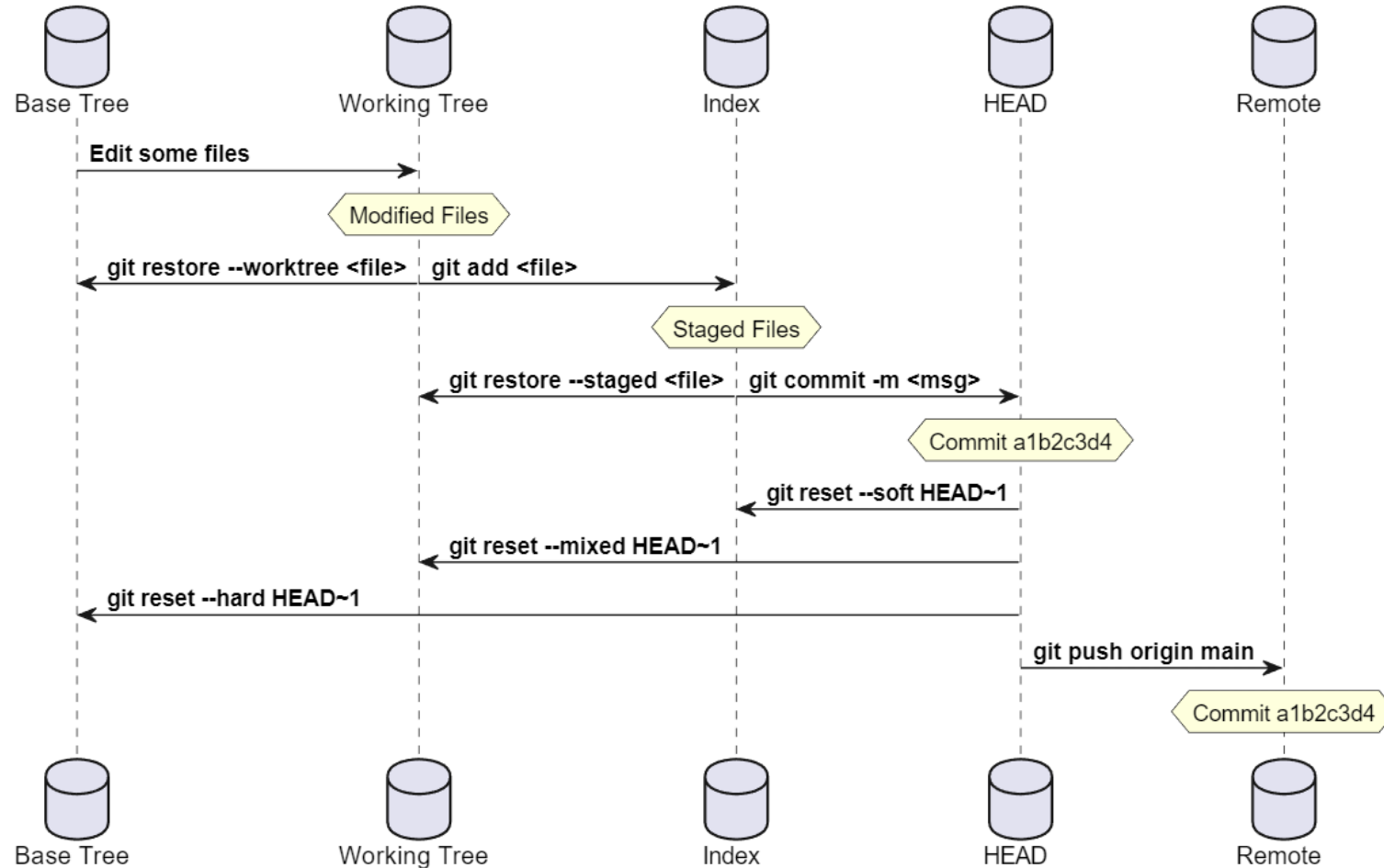


# Chapitre 12

## Git Partie 4

# Vue d'ensemble



# Annuler / modifier un commit

git reset --hard <commit> **dangereux (si si...)**

git reset --mixed <commit>

git reset --soft <commit>

# Annuler / modifier un commit

`git revert <commit>`

**Nouvelles modifications pour annuler des modifications précédentes**

**Peut introduire des conflits**

# Annuler / modifier un commit

`git commit --amend`

**Modifier le dernier commit**

**ATTENTION : change l'historique**

# Modifier plusieurs commits

git rebase

**Rejoue les commits d'une branche, sur une autre branche**





**Peut introduire des conflits**

**Permet de rendre l'historique linéaire**

# Faire des modifications - merge

```
> git checkout main  
> git pull --rebase
```

# Faire des modifications - rebase

Graph	Description	Date	Author	Commit
	 <b>main</b> <i>origin</i>  origin/HEAD <b>DONE Added parallel author file.</b>	5 Dec 2022 15:00	Benoit Le Callennec	17050cfe
	 BLC_001_CreateAuthorFile <b>DONE Edited author file.</b>	5 Dec 2022 14:52	Benoit Le Callennec	3e49468a
	<b>DONE Added author file.</b>	5 Dec 2022 14:45	Benoit Le Callennec	ed58dd91
	<b>DONE Cleaned default readme file.</b>	5 Dec 2022 12:50	Benoit Le Callennec	e9a3312b
	<b>Initial commit</b>	5 Dec 2022 12:46	Le Callennec Benoit	c5480b7b





(I+Shift+M) - Total 0 Problems



# Faire des modifications - merge

```
> git checkout <Dev>_<Id>_<Summary>  
> git rebase main
```






# Faire des modifications - rebase

Graph	Description	Date	Author	Commit
	 <b>BLC_001_CreateAuthorFile</b> DONE Edited author file.	5 Dec 2022 14:52	Benoit Le Callennec	58b069ab
	DONE Added author file.	5 Dec 2022 14:45	Benoit Le Callennec	254453b5
	 main <i>origin</i>  origin/HEAD DONE Added parallel author file.	5 Dec 2022 15:00	Benoit Le Callennec	17050cfe
	DONE Cleaned default readme file.	5 Dec 2022 12:50	Benoit Le Callennec	e9a3312b
	Initial commit	5 Dec 2022 12:46	Le Callennec Benoit	c5480b7b

# Faire des modifications - rebase

```
> git checkout main  
> git merge --ff-only <Dev>_<Id>_<Summary>
```





# Faire des modifications - rebase

Graph	Description	Date	Author	Commit
	 <b>main</b>  BLC_001_CreateAuthorFile <b>DONE Edited author file.</b>	5 Dec 2022 14:52	Benoit Le Callennec	58b069ab
	DONE Added author file.	5 Dec 2022 14:45	Benoit Le Callennec	254453b5
	 origin/HEAD  origin/main <b>DONE Added parallel author file.</b>	5 Dec 2022 15:00	Benoit Le Callennec	17050cfe
	DONE Cleaned default readme file.	5 Dec 2022 12:50	Benoit Le Callennec	e9a3312b
	Initial commit	5 Dec 2022 12:46	Le Callennec Benoit	c5480b7b

# Faire des modifications - rebase

```
> git push origin main
```









# Faire des modifications - rebase

Graph	Description	Date	Author	Commit
	 <b>main</b> <i>origin</i>  BLC_001_CreateAuthorFile  origin/HEAD <b>DONE Edited ...</b>	5 Dec 2022 14:52	Benoit Le Callennec	58b069ab
	DONE Added author file.	5 Dec 2022 14:45	Benoit Le Callennec	254453b5
	DONE Added parallel author file.	5 Dec 2022 15:00	Benoit Le Callennec	17050cfe
	DONE Cleaned default readme file.	5 Dec 2022 12:50	Benoit Le Callennec	e9a3312b
	Initial commit	5 Dec 2022 12:46	Le Callennec Benoit	c5480b7b

# Faire des modifications - Clean

```
> git branch --delete <Dev>_<Id>_<Summary>
```

# Faire des modifications - Clean

Graph	Description	Date	Author	Commit
  <b>main</b>  <b>origin</b>  <b>origin/HEAD</b>	<b>DONE Edited author file.</b>	5 Dec 2022 14:52	Benoit Le Callennec	58b069ab
	DONE Added author file.	5 Dec 2022 14:45	Benoit Le Callennec	254453b5
	DONE Added parallel author file.	5 Dec 2022 15:00	Benoit Le Callennec	17050cfe
	DONE Cleaned default readme file.	5 Dec 2022 12:50	Benoit Le Callennec	e9a3312b
	Initial commit	5 Dec 2022 12:46	Le Callennec Benoit	c5480b7b



# Modifier plusieurs commits

`git rebase --interactive`

**Modifications de plusieurs commit en même temps**