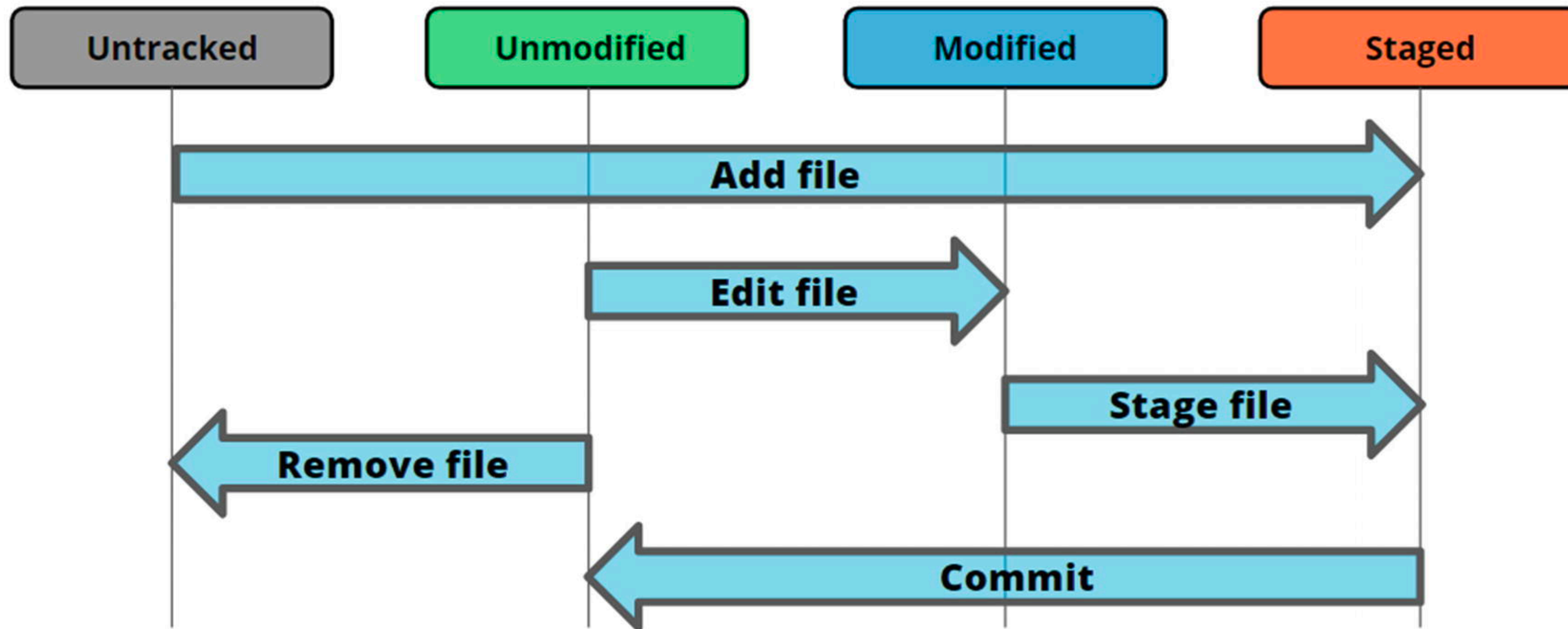


# Git features

2021/06/24-25

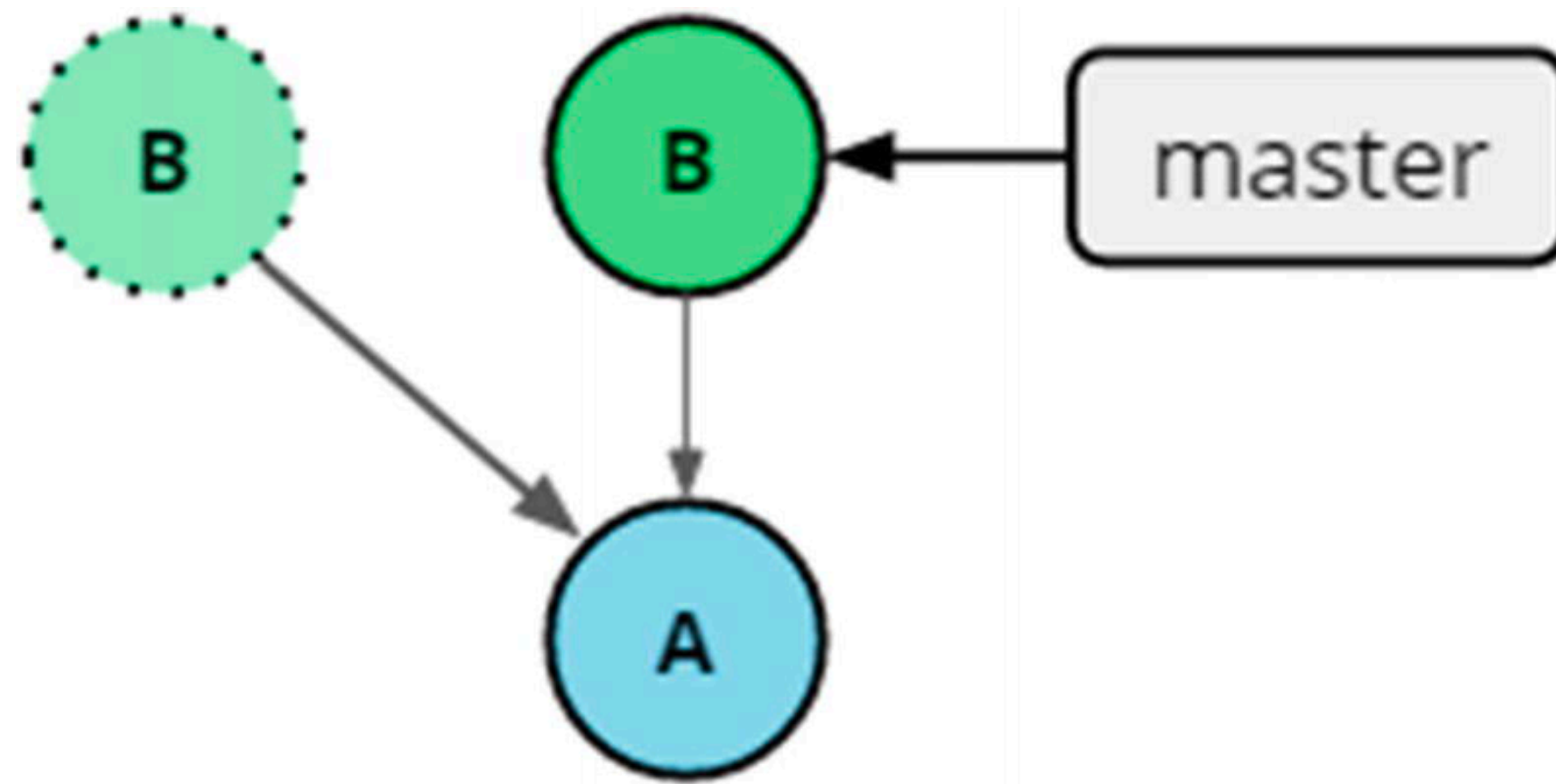
# Git status

\$git status



# Git commit with -amend

**\$git commit -amend -m “New commit message”**



# Git log

```
$git log --all --graph --oneline
```

# .gitignore file

**A git ignore file contains a list of patterns that are applied from top to bottom. We can prefix lines with a ! to make them an inclusion rather than an exclusion.**



Create useful .gitignore files for your project

Create

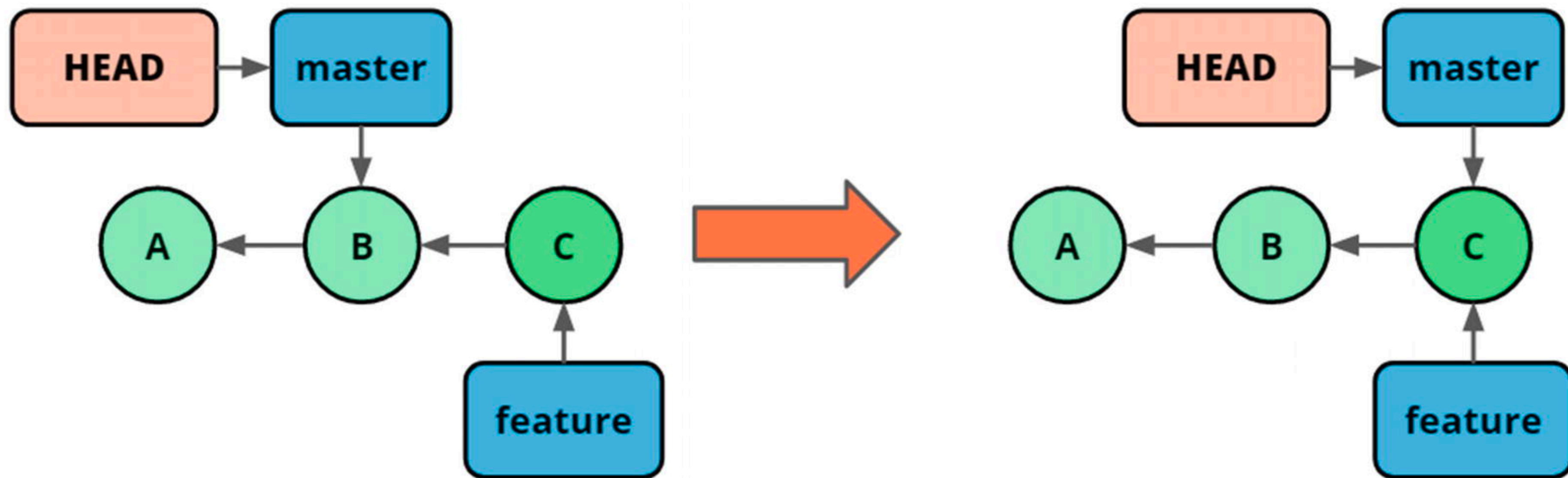
[Source Code](#) | [Command Line Docs](#)

<https://www.toptal.com/developers/gitignore>

# Merge :: Fast-Forward Merge

`$git merge <branch name>`

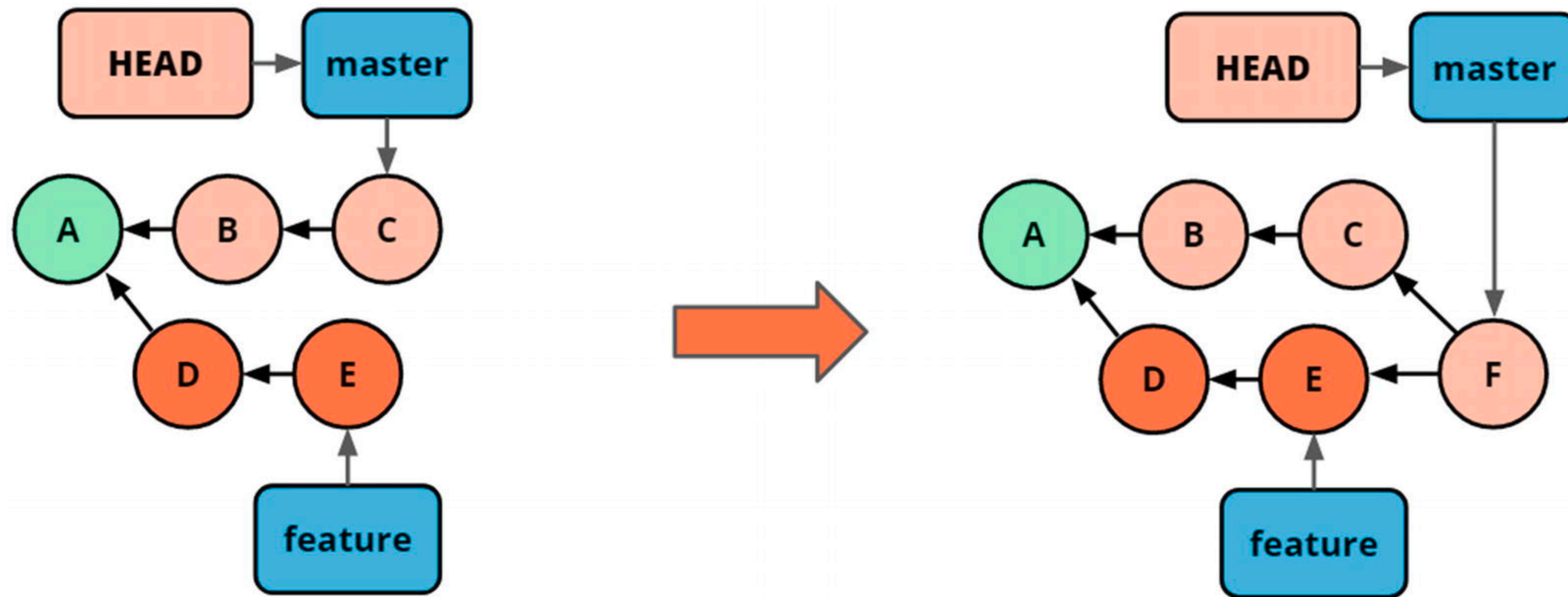
`$git merge --no-ff <branch name>`



```
git branch merge feature
```

# Merge :: Three ways

\$git merge <branch name>

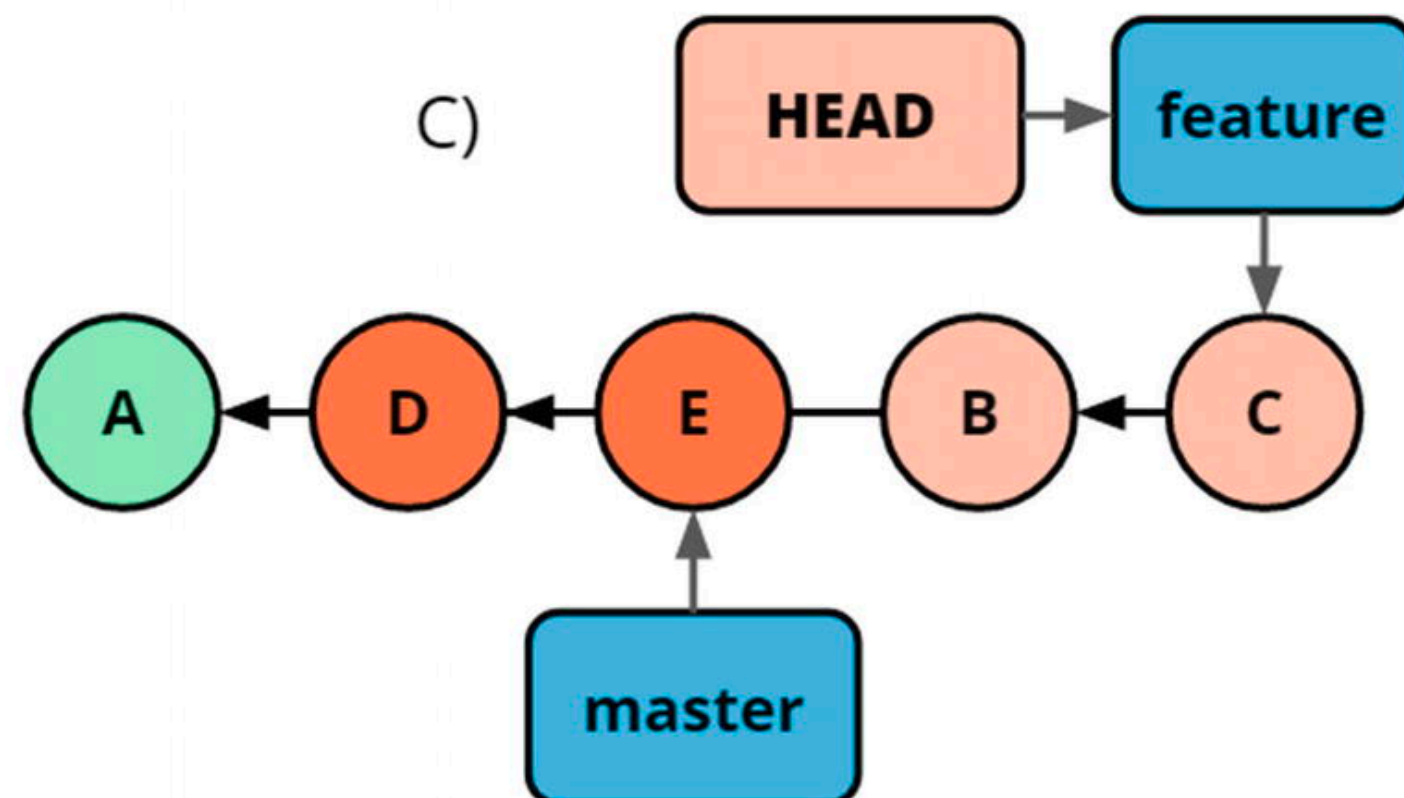
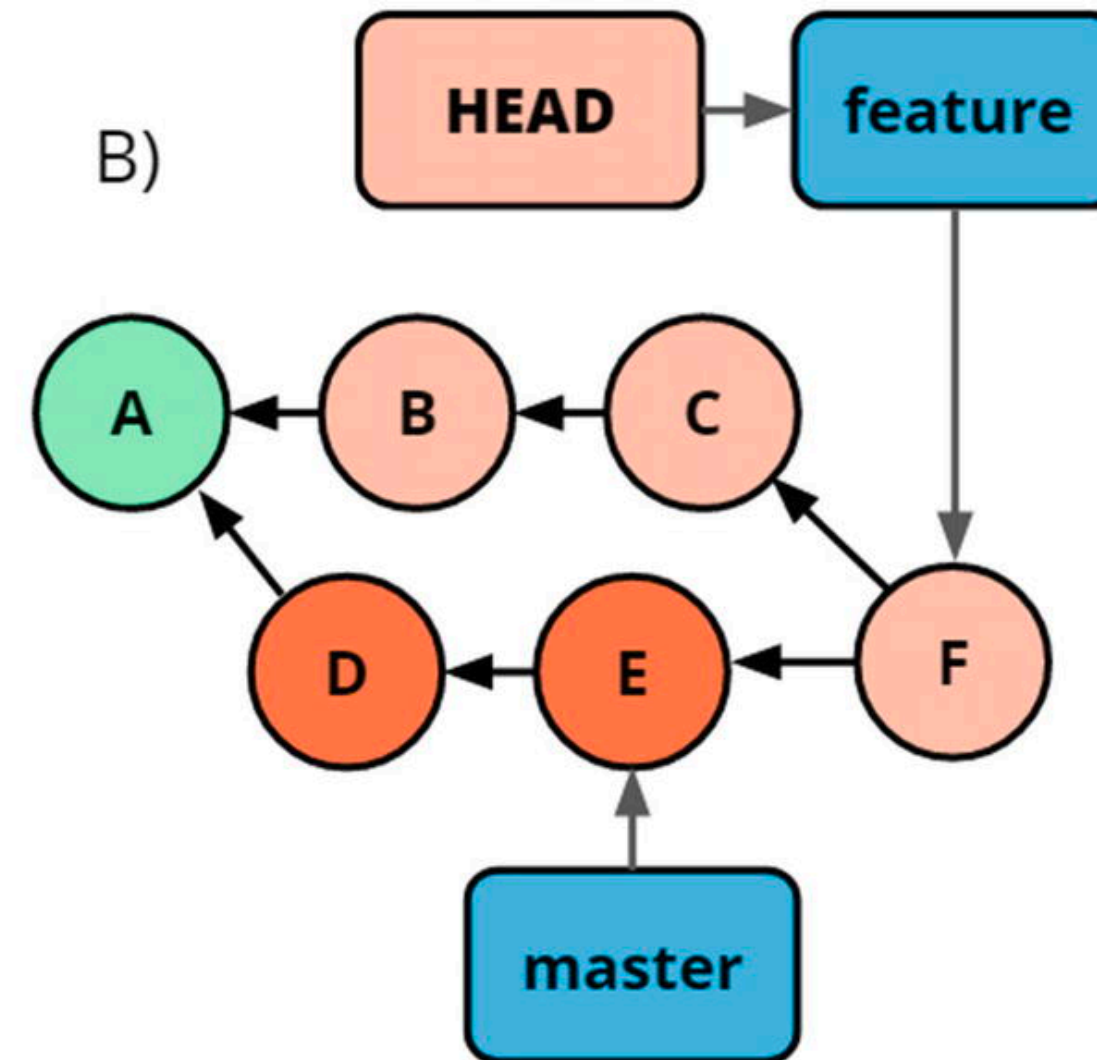
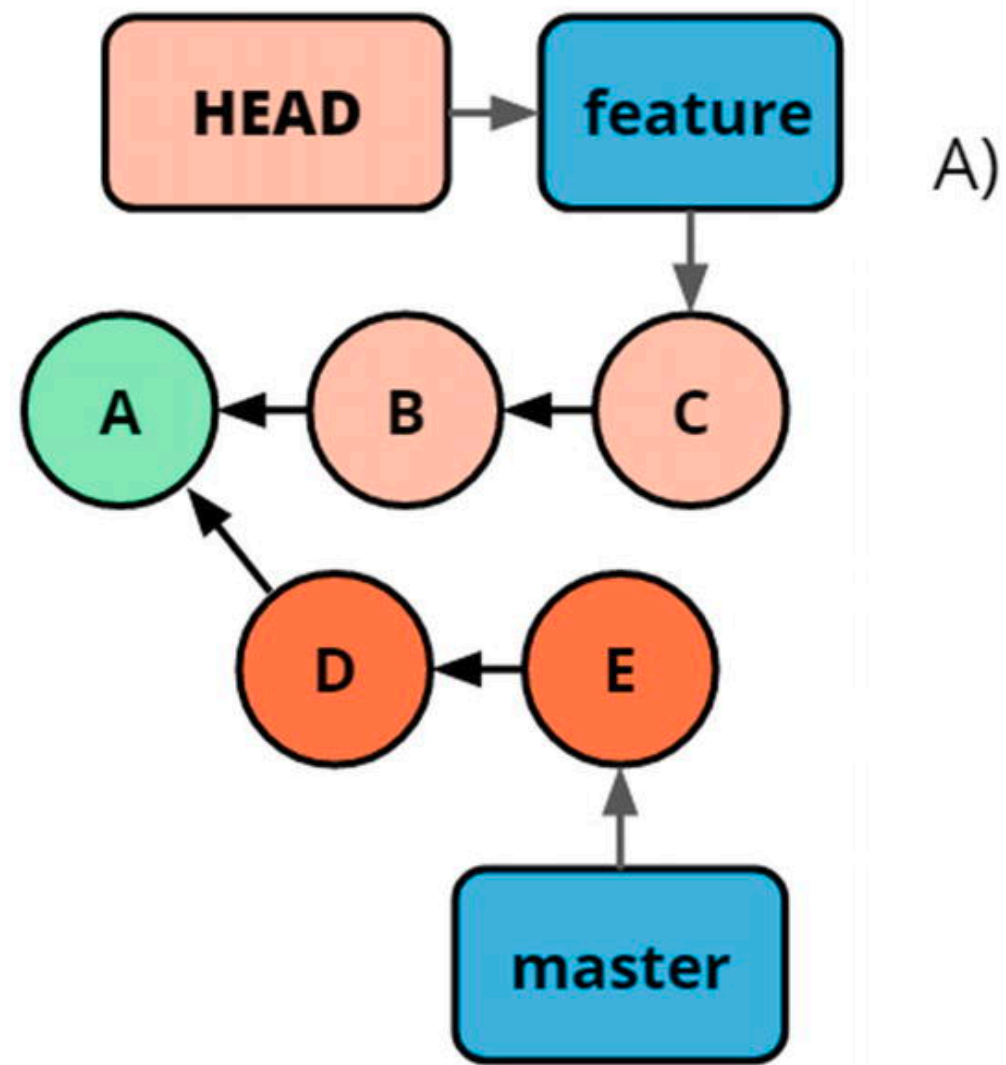


```
git branch merge feature
```



# Rebase

\$git rebase <branch name>



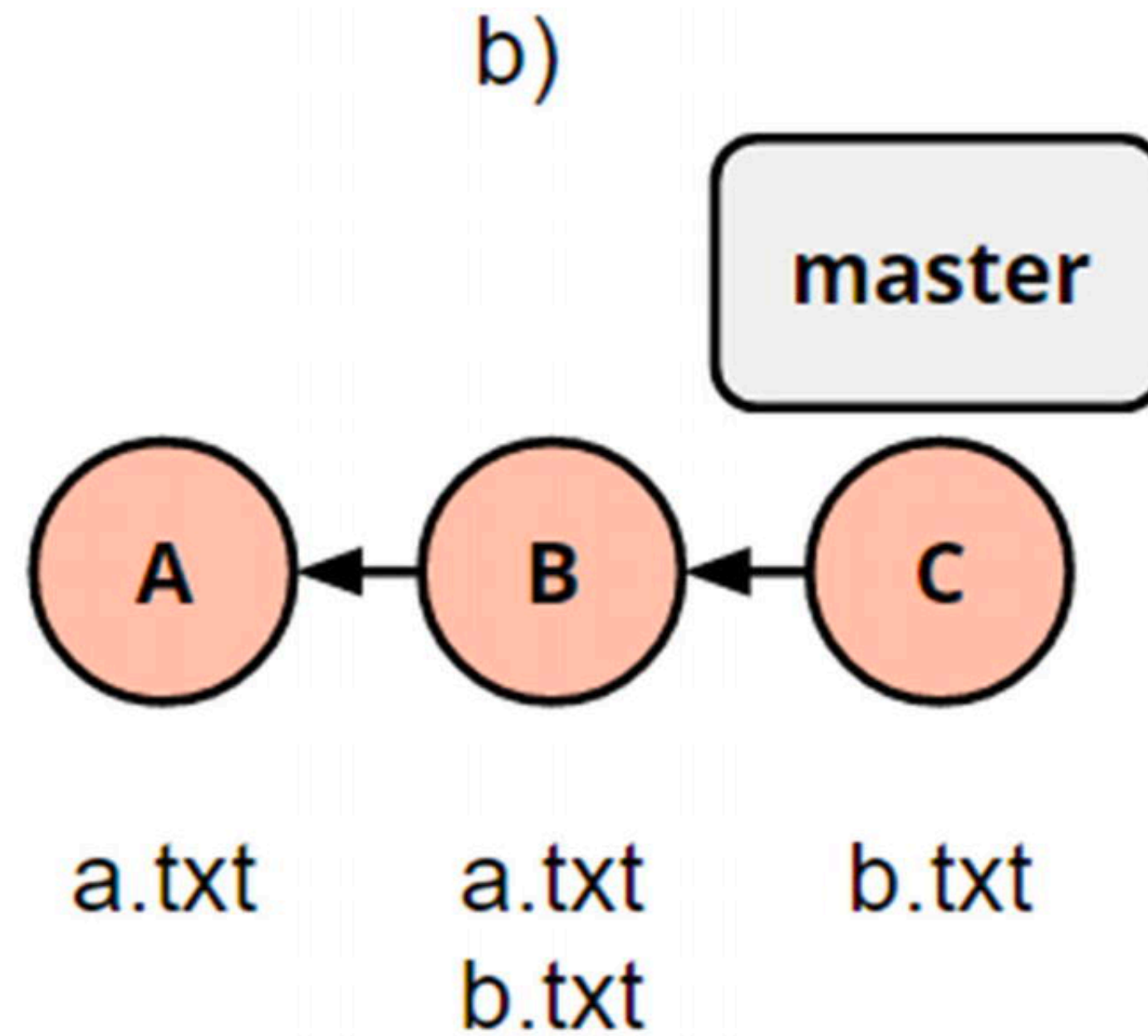
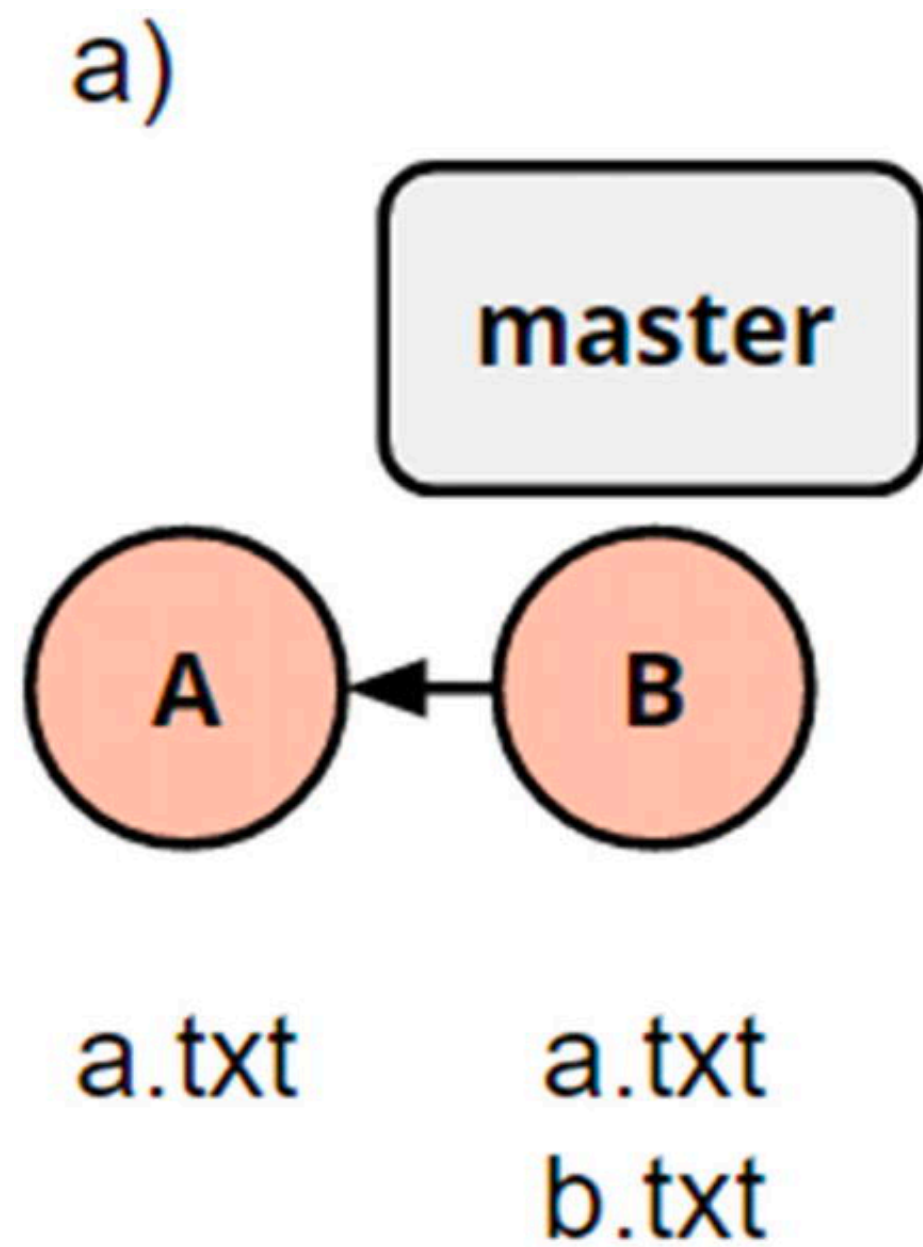


# Manage History

1. Reverting commits
2. Reset
3. Interactive rebase

# Reverting commits

\$git revert <commit id>

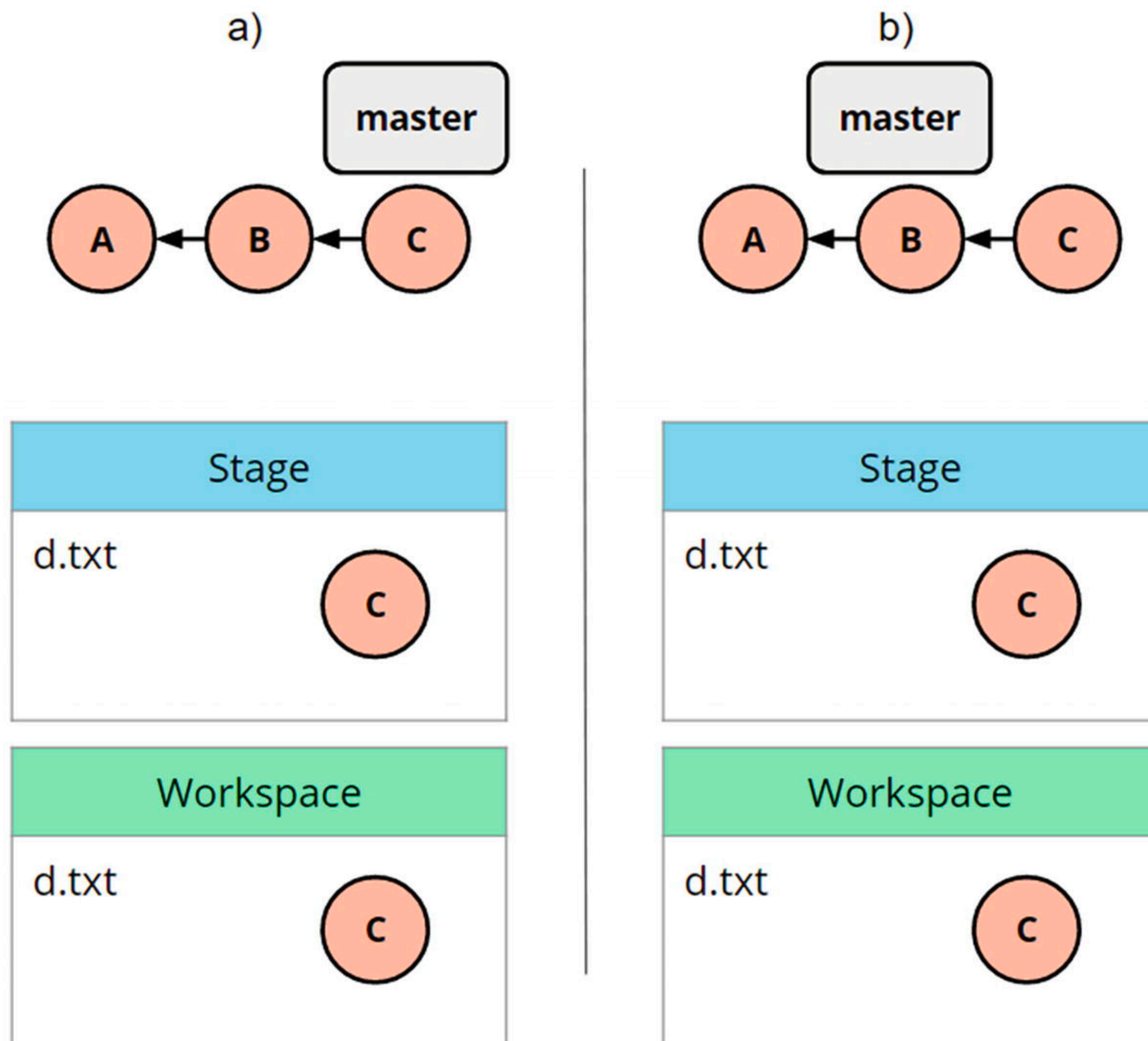


# Reset

1. Soft reset
2. Mixed reset (default)
3. Hard reset

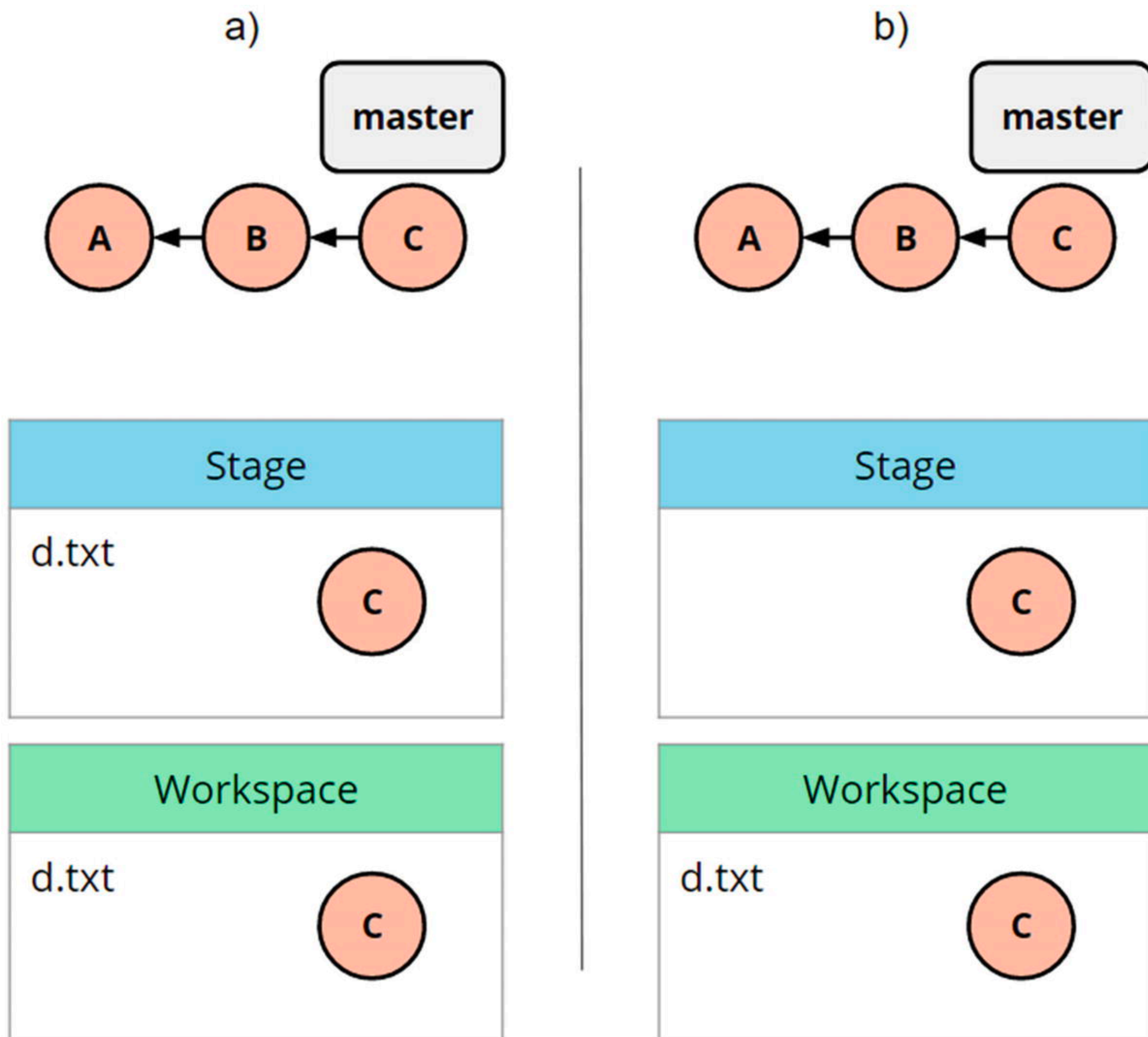
# Soft Reset

\$git reset --soft



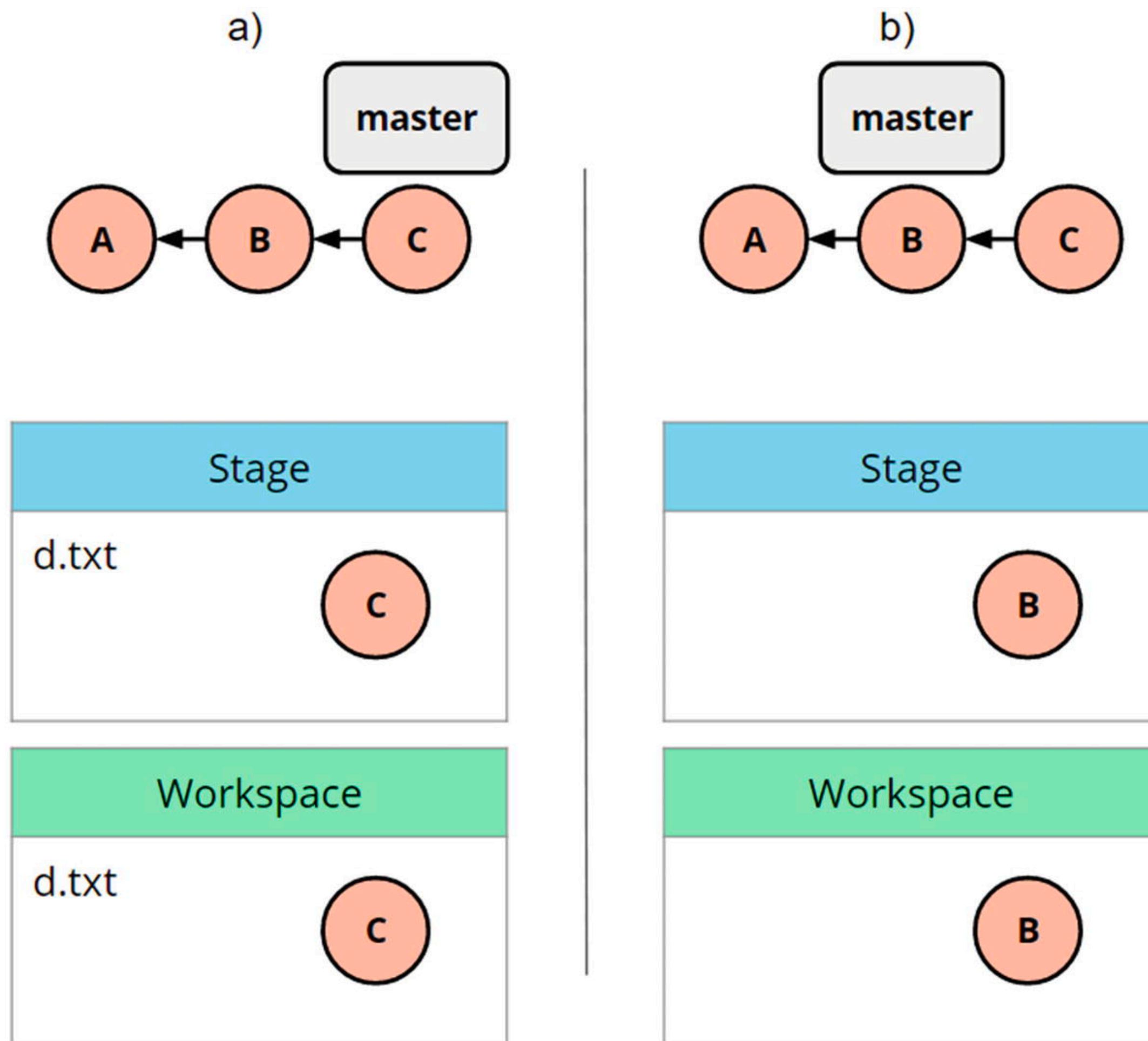
# Mixed Reset (default)

\$git reset --mixed



# Soft Reset

\$git reset --hard





# Interactive Rebase

\$git rebase -i

- **Pick** adds the commit at this point
- **Squash** melds this commit into the previous commit
- **Edit** stops to edit this commit
- **Drop** does not pick this commit