

# Git&Lazygit Cheatsheet

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## 1 Git Commands

<code>git init</code>	Initialize a folder as a Git repository
<code>git status</code>	Check the status of files
<code>git add</code>	Track file updates
<code>git add .</code>	Add all modifications
<code>git diff</code>	View changes
<code>git reset</code>	Untrack files
<code>git config --global user.name "xxx"</code>	Set the commit username globally
<code>git config --global user.email "xxx"</code>	Set the commit email globally
<code>git config --global core.editor vim</code>	Modify the commit editor to vim
<code>git commit -m "xxx"</code>	Commit changes with a message (or omit -m for vim mode)
<code>.gitignore</code>	Ignore specific files by listing filenames
<code>git rm --cached xxx</code>	Stop tracking a specific file
<code>git branch xxx</code> or <code>git checkout -b xxx</code>	Create a new branch
<code>git checkout xxx</code>	Switch to a branch
<code>git merge another-branch-name</code>	Merge branches
<code>git branch -d xxx</code> (-D for force delete)	Delete a branch
<code>git push origin --delete</code>	Delete a remote branch
<code>git push --set-upstream origin +branch-name</code>	Push changes to a remote branch
<code>git config credential.helper store</code>	Remember username and password
<code>git clone +url</code>	Clone a repository
<code>git pull</code> or <code>git fetch --all</code>	Update local repository
<code>git rm</code>	Remove files
<code>git rm --cached</code>	Stop tracking
<code>git mv file_from file_to</code>	Rename a file
<code>git log (-p)</code>	View commit history (with changes)
<code>git log --stat</code>	View commit history with file statistics
<code>git commit --amend</code>	Amend the last commit
<code>git reset HEAD &lt;file&gt;...</code>	Unstage changes
<code>git remote rename A B</code>	Rename a remote repository

## 2 Lazygit Commands

<code>h/j/k/l/arrow</code>	Move between panels
<code>?</code>	View help
<code>a</code>	Stage/unstage all files
<code>c</code>	Commit changes
<code>p</code>	Push changes
<code>q</code>	Quit
<code>Space</code>	Stage/unstage a file
<code>Enter</code>	Stage part of a file
<code>A</code>	Add changes to the previous commit
<code>C</code>	Enter vim to write a commit
<code>d</code>	Discard changes
<code>D</code>	View options to discard changes (Dangerous!)
<code>[]</code>	Navigate between panel tabs
<code>Esc</code>	Return to the previous panel

## 2.1 Branch Panel

n	Create a new branch
Space	Switch between branches
M	Merge changes from one branch to another (switch to the receiving branch first, then choose the branch with M)

## 2.2 Commit Panel

Enter	View changes made in a commit
d	Revert changes to a file
c	Roll back to an old version
,.	Navigate pages
<>	Go to the top/bottom
/	Search - supports vim shortcuts
r/R	Rename commit message, force push if already pushed
Space	Roll back to a version
g	Display reset options (soft: changes become uncommitted, then D in the file)
z/ctrl+z	Undo/redo
c	Copy commit
v	Paste commit
d	Delete commit
s	Merge two commits
f	Mark as a fix commit
Ctrl+f	View all commits with a specific file
M	View diff between commits

## 2.3 Merge Conflicts

Enter	Enter the right-hand preview panel
Use Up/Down keys	Select conflicts
Use Left/Right keys	Navigate between different conflicts
Space	Choose the desired part
b	Keep both changes