

Linux Basic Commands Cheat Sheet

Basic Git Commands

<code>git init</code>	- Initialize a new repository
<code>git clone <repo></code>	- Clone repository
<code>git status</code>	- Check current status
<code>git add <file></code>	- Stage changes
<code>git commit -m 'message'</code>	- Commit staged changes
<code>git log</code>	- View commit history

Branching & Merging

<code>git branch</code>	- List branches
<code>git branch <name></code>	- Create a new branch
<code>git checkout <branch></code>	- Switch to branch
<code>git merge <branch></code>	- Merge branch into current
<code>git branch -d <branch></code>	- Delete branch

Remote Repositories

<code>git remote -v</code>	- List remotes
<code>git remote add origin <url></code>	- Add remote repository
<code>git push origin <branch></code>	- Push to remote
<code>git pull origin <branch></code>	- Pull from remote
<code>git fetch</code>	- Download objects and refs

Undoing Changes

<code>git reset <file></code>	- Unstage file
<code>git checkout -- <file></code>	- Discard changes
<code>git revert <commit></code>	- Revert a commit
<code>git reset --hard <commit></code>	- Reset to a specific commit

Stashing & Tagging

<code>git stash</code>	- Stash changes
<code>git stash pop</code>	- Apply stashed changes
<code>git tag</code>	- List tags
<code>git tag <name></code>	- Create tag
<code>git show <tag></code>	- Show tag info

Useful Shortcuts

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<code>git diff</code>	- Show file changes
<code>git log --oneline</code>	- Compact log view
<code>git config --global user.name 'Name'</code>	- Set global username
<code>git config --global user.email 'email'</code>	- Set global email