

Git Cheat Sheet



Git Basics

<code>git init</code> <code>git commit -m</code>	Initialize a repository and commit the initial state of the repository.
<code>git clone <url></code>	Create a local repository from a remote repository. <code>git clone <url></code> clones the repository and creates a local repository.
<code>git status</code> <code>git add <file></code> <code>git commit -m</code>	Check the status of the repository and add files to the next commit. <code>git commit -m</code> commits the changes to the repository.
<code>git push</code> <code>git pull</code>	Push the changes to the remote repository and pull the changes from the remote repository.
<code>git merge <branch></code>	Merge the changes from the specified branch into the current branch.
<code>git checkout <branch></code>	Switch to the specified branch.
<code>git branch</code>	List the branches in the repository.
<code>git branch <branch></code>	Create a new branch.
<code>git delete <branch></code>	Delete the specified branch.
<code>git diff</code>	Show the differences between the current branch and the specified branch.
<code>git log</code>	Show the commit history.

Working Changes

<code>git add <file></code>	Add the specified file to the next commit.
<code>git commit -m</code>	Commit the changes to the repository.
<code>git push</code>	Push the changes to the remote repository.
<code>git pull</code>	Pull the changes from the remote repository.

Resolving Git History

<code>git reset --hard</code>	Reset the repository to the specified commit and discard all changes.
<code>git revert <commit></code>	Revert the specified commit and create a new commit.
<code>git checkout <branch></code>	Switch to the specified branch.

Git Branches

<code>git branch</code>	List the branches in the repository.
<code>git branch <branch></code>	Create a new branch.
<code>git checkout <branch></code>	Switch to the specified branch.
<code>git merge <branch></code>	Merge the changes from the specified branch into the current branch.

Remote Repositories

<code>git remote add <name> <url></code>	Add a new remote repository.
<code>git remote rm <name></code>	Remove the specified remote repository.
<code>git remote <name></code>	Show the details of the specified remote repository.
<code>git push <remote> <branch></code>	Push the changes to the specified remote repository.
<code>git pull <remote> <branch></code>	Pull the changes from the specified remote repository.

