Git Commands (Part 1)

Command	Function	Command	Function
git --version	Check Git version	git init	Initialize a new repository
git clone [url]	Clone a repository	git status	Show status of changes
git add [file]	Add file to staging area	git add .	Add all files to staging area
git commit -m "[message]"	Commit changes with a message	git commit -am "[message]"	Add and commit changes with a message
git diff	Show changes between commits	git diff --staged	Show changes in the staging area
git reset [file]	Unstage a file	git reset --hard	Reset working directory to last commit
git reset --soft [commit]	Soft reset to a commit	git reset --hard [commit]	Hard reset to a commit
git log	Show commit history	git log --oneline	Show commit history in one line per commit
git log -p	Show changes for each commit	git log --stat	Show statistics for each commit
git checkout [branch]	Switch to a branch	git checkout -b [branch]	Create and switch to a new branch
git branch	List branches	git branch -d [branch]	Delete a branch
git merge [branch]	Merge a branch into the current branch	git rebase [branch]	Reapply commits on top of another base tip
git stash	Stash changes	git stash apply	Apply stashed changes
git stash list	List all stashes	git stash drop	Drop a stash
git remote	Manage remote repositories	git remote add [name] [url]	Add a remote repository
git remote -v	Show remote URLs	git remote rm [name]	Remove a remote repository

Git Commands (Part 2)

Command	Function	Command	Function
git fetch	Download changes from a remote repository	git pull	Fetch and merge changes from a remote repository
git push	Push changes to a remote repository	git push -u [remote] [branch]	Push and set upstream branch
git tag [name]	Create a tag	git tag -d [name]	Delete a tag
git show [commit]	Show details of a commit	git blame [file]	Show what revision and author last modified each line of a file
git cherry-pick [commit]	Apply changes from a commit	git rm [file]	Remove a file from the working directory and staging area
git mv [old] [new]	Move or rename a file	git revert [commit]	Revert a commit
git grep [pattern]	Search for a pattern in the repository	git archive [branch]	Create a tar or zip archive of the files
git bisect	Binary search to find the commit that introduced a bug	git diff --name-only	Show only names of changed files
git shortlog	Summarize git log output	git show-branch	Show branches and their commits
git reflog	Show reference logs	git clean -f	Remove untracked files
git describe	Show the most recent tag	git apply [patch]	Apply a patch to the working directory
git cherry	Show commits not yet merged	git commit --amend	Amend the last commit
git submodule add [url] [path]	Add a submodule	git submodule update	Update submodules
git submodule init	Initialize submodules	git submodule deinit [path]	Deinitialize a submodule
git config --global user.name "[name]"	Set global username	git config --global user.email "[email]"	Set global email
git config --list	List configuration settings	git help [command]	Show help for a command

Git Commands (Part 3)

Command	Function	Command	Function
git credential-cache	Cache Git credentials	git credential-store	Store Git credentials
git rerere	Reuse recorded resolution of conflicts	git gc	Cleanup unnecessary files and optimize repository
git prune	Prune unreachable objects	git repack	Pack unpacked objects
git fsck	Check file system integrity	git reflog expire	Prune old entries from the reflog
git archive --format=zip [branch] -o [filename].zip	Create a zip archive of a branch	git bundle create [file] [branch]	Create a bundle
git daemon --reuseaddr --base-path=. --export-all ./.git	Create a Git daemon for a repository	git instaweb	Instantly browse your working repository in gitweb
git web--browse	Open the Git website in a web browser	git instaweb --httpd=webrick	Start gitweb using webrick
git instaweb --httpd=apache2	Start gitweb using apache2	git instaweb --httpd=lighttpd	Start gitweb using lighttpd
git instaweb --browser=firefox	Open gitweb in Firefox	git instaweb --browser=chrome	Open gitweb in Chrome
git instaweb --port=1234	Start gitweb on a specific port	git instaweb --stop	Stop the gitweb server
git instaweb --start	Start the gitweb server	git instaweb --module-path=[path]	Specify module path for gitweb
git instaweb --git-dir=[path]	Specify git directory for gitweb	git instaweb --working-dir=[path]	Specify working directory for gitweb
git instaweb --httpd-path=[path]	Specify path to the HTTP daemon	git instaweb --httpd-config=[config]	Specify configuration for the HTTP daemon
git instaweb --daemon-path=[path]	Specify path to the git daemon	git instaweb --daemon-config=[config]	Specify configuration for the git daemon
git instaweb --firefox-bin=[path]	Specify path to the Firefox binary	git instaweb --chrome-bin=[path]	Specify path to the Chrome binary
git instaweb --webrick-bin=[path]	Specify path to the webrick binary	git instaweb --apache2-bin=[path]	Specify path to the apache2 binary

Git Commands (Part 4)

Command	Function	Command	Function
git instaweb --lighttpd-bin=[path]	Specify path to the lighttpd binary	git instaweb --httpd-options=[options]	Specify options for the HTTP daemon
git instaweb --daemon-options=[options]	Specify options for the git daemon	git instaweb --env=[env]	Specify environment for the gitweb server
git instaweb --init	Initialize the gitweb server	git instaweb --setup	Setup the gitweb server
git instaweb --rebuild	Rebuild the gitweb server	git instaweb --reconfigure	Reconfigure the gitweb server
git instaweb --reset	Reset the gitweb server	git instaweb --restart	Restart the gitweb server
git instaweb --reload	Reload the gitweb server	git instaweb --refresh	Refresh the gitweb server
git instaweb --upgrade	Upgrade the gitweb server	git instaweb --downgrade	Downgrade the gitweb server
git instaweb --debug	Debug the gitweb server	git instaweb --trace	Trace the gitweb server
git instaweb --profile	Profile the gitweb server	git instaweb --benchmark	Benchmark the gitweb server
git instaweb --test	Test the gitweb server	git instaweb --validate	Validate the gitweb server
git instaweb --clean	Clean the gitweb server	git instaweb --purge	Purge the gitweb server
git instaweb --save	Save the gitweb server configuration	git instaweb --load	Load the gitweb server configuration
git instaweb --backup	Backup the gitweb server configuration	git instaweb --restore	Restore the gitweb server configuration
git instaweb --export	Export the gitweb server configuration	git instaweb --import	Import the gitweb server configuration
git instaweb --migrate	Migrate the gitweb server configuration	git instaweb --clone	Clone the gitweb server configuration
git instaweb --snapshot	Take a snapshot of the gitweb server configuration	git instaweb --deploy	Deploy the gitweb server configuration