1 Git CheatSheet Tools

 \bullet PDF Link: cheatsheet-git-A4.pdf

ullet Blog URL: https://cheatsheet.dennyzhang.com/cheatsheet-git-A4

• Category: tools

File me Issues or star this repo.

See more CheatSheets from Denny: #denny-cheatsheets

1.1 Git General

Name	Comment
List all remote git branches	git ls-remoteheads origin
Git diff two revision	git diff \${sha1sum}\${sha2sum}
Git show file changes	<pre>git diffname-only \${sha1sum} \${sha2sum}</pre>
Show git config	git configglobal/system

1.2 Git Commit

Name	Comment
Squash multiple comments to make history clean	git rebase -i HEAD~4; git push origin branch-nameforce link
Git commit	git commit -m "XXX"
Git add and commit	git ci -m "XXX"

1.3 Git Diff

Name	Comment
Compare two branches in CLI	git diff <branch_1><branch_2> Make sure you have those branches locally</branch_2></branch_1>
Compare git diff after commit	git diffcached
Show changed file list	git diffname-status, git diffname-statuscached
Compare two revision in GitHub UI	https://github.com//compare/sha1sha2
Compare latest 3 commits in GitHub UI	https://github.com/dennyzhang/cheatsheet-git-a4/compare/HEAD~3HEAD

1.4 Git Tag

Name	Comment
Git list all tags	git ls-remotetags
Git Fetch all tags	git fetchtags; git checkout tags/ <tag_name></tag_name>
Git delete local tag	git tag -d <tag_name></tag_name>
Git delete remote tag	git pushdelete origin <tag_name></tag_name>

1.5 Git Branch

Name	Comment
Show remote branch	git ls-remoteheads origin
Delete local branch	git branch -d <branch_name></branch_name>
Delete remote branch	git push origindelete <branch_name></branch_name>

1.6 Git alias

Name	Comment		
Alias for git status	git configglobal alias.st status link: git aliases		
Alias for git checkout	git configglobal alias.co checkout		
Alias for git commit	git configglobal alias.ci commit		

1.7 Git Submodule

Name	Comment
Git add a repo to current repo	git submodule add <git_repo_url></git_repo_url>
Update submodule	git submodule update

1.8 git remote repo

• Configure two remote endpoint

```
git clone git@bitbucket.org:lrpdevops/denny-mydevops.git
git config remote.origin2.url git@github.com:denny/mydevops.git
git config remote.origin.url git@bitbucket.org:lrpdevops/denny-mydevops.git
git pull origin2 sprint-37
## File: .git/config
## ,-----
## | [core]
## | repositoryformatversion = 0
## | filemode = true
## | bare = false
## | logallrefupdates = true
## | ignorecase = true
## | precomposeunicode = true
## | [remote "origin"]
## | url = git@bitbucket.org:lrpdevops/denny-mydevops.git
## | fetch = +refs/heads/*:refs/remotes/origin/*
## | [branch "master"]
## | remote = origin
## | merge = refs/heads/master
## | [remote "origin2"]
## | url = git@github.com:denny/mydevops.git
## | fetch = +refs/heads/*:refs/remotes/customer/*
## '----
```

1.9 GitHub

Name	Comment
Generate link for a code block	link
Git clone wiki	link
Generate TOC	gh-md-toc
Github Shortcut	link

• GitHub/GitLab markdown image size

```
<img src="images/pks_logging_components.png" width="700x">
![](/uploads/d19fcc3d3b4d313c8cd7960a343463b6/table.png)
<img src="/uploads/d19fcc3d3b4d313c8cd7960a343463b6/table.png" width="120" height="120">
![](./pic/pic1_50.png =100x20)
You can skip the HEIGHT
![](./pic/pic1s.png =250x)
```

1.10 More Resources

```
https://github.com/git-tips/tips
License: Code is licensed under MIT License.
```