



 raaghavikr — -zsh — 80x24

Last login: Tue Feb 15 09:23:23 on ttys000

raaghavikr@Raaghavis-MacBook-Air ~ % git config --list --show-origin

file:/Library/Developer/CommandLineTools/usr/share/git-core/gitconfig credential.helper=osxkeychain

raaghavikr@Raaghavis-MacBook-Air ~ % █

Last login: Tue Feb 15 09:23:23 on ttys000

raaghavikr@Raaghavis-MacBook-Air ~ % git config --list --show-origin

file:/Library/Developer/CommandLineTools/usr/share/git-core/gitconfig credential.helper=osxkeychain

raaghavikr@Raaghavis-MacBook-Air ~ % git config --global user.name "Raaghavi K R"

[raaghavikr@Raaghavis-MacBook-Air ~ % git config --global user.email "krraaghavi@gmail.com"]

[raaghavikr@Raaghavis-MacBook-Air ~ % git config --list --show-origin]

file:/Library/Developer/CommandLineTools/usr/share/git-core/gitconfig credential.helper=osxkeychain

file:/Users/raaghavikr/.gitconfig user.name=Raaghavi K R

file:/Users/raaghavikr/.gitconfig user.email=krraaghavi@gmail.com

raaghavikr@Raaghavis-MacBook-Air ~ %

Last login: Tue Feb 15 10:51:09 on ttys000

raaghavikr@Raaghavis-MacBook-Air ~ % git --version

git version 2.32.0 (Apple Git-132)

raaghavikr@Raaghavis-MacBook-Air ~ % git config --list

credential.helper=osxkeychain

user.name=Raaghavi K R

user.email=krRaaghavi@gmail.com

core.repositoryformatversion=0

core.filemode=true

core.bare=false

core.logallrefupdates=true

core.ignorecase=true

core.precomposeunicode=true

remote.origin.url=https://github.com/Raaghavi-K-R/Cognizance.git

remote.origin.fetch=+refs/heads/\*:refs/remotes/origin/\*

raaghavikr@Raaghavis-MacBook-Air ~ %



```
[raaghavikr@Raaghavis-MacBook-Air ~ % git --help
usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
        [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
        [-p | --paginate | -P | --no-pager] [--no-replace-objects] [--bare]
        [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
        [--super-prefix=<path>] [--config-env=<name>=<envvar>]
        <command> [<args>]
```

These are common Git commands used in various situations:

start a working area (see also: `git help tutorial`)

clone	Clone a repository into a new directory
init	Create an empty Git repository or reinitialize an existing one

work on the current change (see also: `git help everyday`)

add	Add file contents to the index
mv	Move or rename a file, a directory, or a symlink
restore	Restore working tree files
rm	Remove files from the working tree and from the index
sparse-checkout	Initialize and modify the sparse-checkout

examine the history and state (see also: `git help revisions`)

bisect	Use binary search to find the commit that introduced a bug
--------	--

```
[raaghavikr@Raaghavis-MacBook-Air ~ % git add 1.txt
[raaghavikr@Raaghavis-MacBook-Air ~ % git status
warning: could not open directory '.Trash/': Operation not permitted
On branch main
Changes to be committed:
  (use "git restore --staged <file>..." to unstage)
        new file:   .gitconfig
        new file:   .zprofile
        new file:   1.txt

Changes not staged for commit:
  (use "git add <file>..." to update what will be committed)
  (use "git restore <file>..." to discard changes in working directory)
        modified:   .gitconfig

Untracked files:
  (use "git add <file>..." to include in what will be committed)
        .CFUserTextEncoding
        .DS_Store
        .mailcap
        .mime.types
        .swiftpm/
        .vscode/
        .zsh_history
```

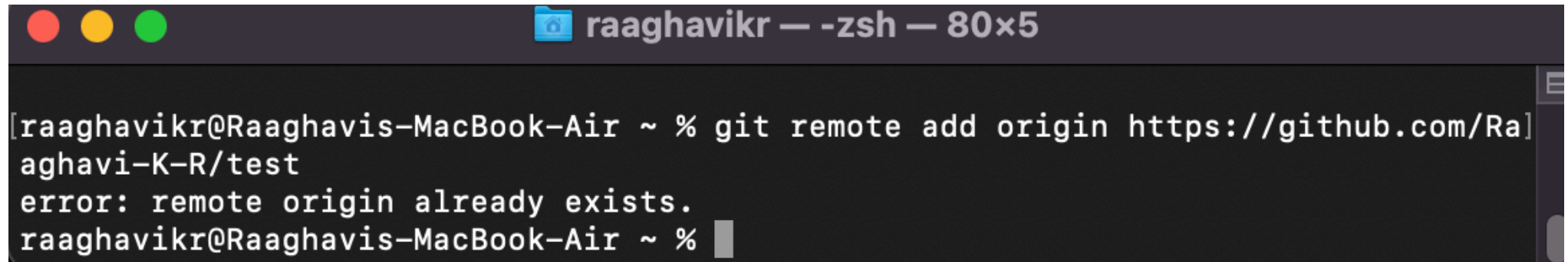
```
raaghavikr@Raaghavis-MacBook-Air ~ % git checkout main
```

```
A      .gitconfig
```

```
A      .zprofile
```

```
Already on 'main'
```

```
raaghavikr@Raaghavis-MacBook-Air ~ %
```



```
[raaghavikr@Raaghavis-MacBook-Air ~ % git remote add origin https://github.com/Raaghavi-K-R/test  
error: remote origin already exists.  
raaghavikr@Raaghavis-MacBook-Air ~ %
```



```
raaghavikr@Raaghavis-MacBook-Air ~ % git rebase main onto test1
usage: git rebase [-i] [options] [--exec <cmd>] [--onto <newbase> | --keep-base] [<upstream> [<branch>]]
or: git rebase [-i] [options] [--exec <cmd>] [--onto <newbase>] --root [<branch>]
or: git rebase --continue | --abort | --skip | --edit-todo
```

```
--onto <revision>      rebase onto given branch instead of upstream
--keep-base            use the merge-base of upstream and branch as the current base
--no-verify            allow pre-rebase hook to run
-q, --quiet           be quiet. implies --no-stat
-v, --verbose         display a diffstat of what changed upstream
-n, --no-stat         do not show diffstat of what changed upstream
--signoff             add a Signed-off-by trailer to each commit
--committer-date-is-author-date
                      make committer date match author date
--reset-author-date   ignore author date and use current date
-C <n>                passed to 'git apply'
--ignore-whitespace   ignore changes in whitespace
--whitespace <action>
                      passed to 'git apply'
-f, --force-rebase    cherry-pick all commits, even if unchanged
--no-ff               cherry-pick all commits, even if unchanged
--continue           continue
--skip               skip current patch and continue
--abort              abort and check out the original branch
--quit               abort but keep HEAD where it is
--edit-todo           edit the todo list during an interactive rebase
--show-current-patch show the patch file being applied or merged
--apply              use apply strategies to rebase
-m, --merge          use merging strategies to rebase
-i, --interactive    let the user edit the list of commits to rebase
--rerere-autoupdate  update the index with reused conflict resolution if possible
--empty <{drop,keep,ask}>
                      how to handle commits that become empty
--autosquash         move commits that begin with squash!/fixup! under -i
-S, --pgp-sign[=<key-id>]
                      GPG-sign commits
--autostash          automatically stash/stash pop before and after
-x, --exec <exec>    add exec lines after each commit of the editable list
-r, --rebase-merges[=<mode>]
                      try to rebase merges instead of skipping them
--fork-point         use 'merge-base --fork-point' to refine upstream
-s, --strategy <strategy>
                      use the given merge strategy
-X, --strategy-option <option>
                      pass the argument through to the merge strategy
--root              rebase all reachable commits up to the root(s)
--reschedule-failed-exec
                      automatically re-schedule any `exec` that fails
--reapply-cherry-picks
                      apply all changes, even those already present upstream
```

```
raaghavikr@Raaghavis-MacBook-Air ~ % █
```



```
raaghavikr@Raaghavis-MacBook-Air ~ % git clone https://github.com/Raaghavi-K-R/demo
Cloning into 'demo'...
remote: Enumerating objects: 6, done.
remote: Counting objects: 100% (6/6), done.
remote: Compressing objects: 100% (2/2), done.
remote: Total 6 (delta 0), reused 0 (delta 0), pack-reused 0
Receiving objects: 100% (6/6), done.
raaghavikr@Raaghavis-MacBook-Air ~ %
```



raaghavikr — perl ◀ git commit --patch — 80x24

raaghavikr@Raaghavis-MacBook-Air ~ % git commit --patch

diff --git a/.gitconfig b/.gitconfig

index 8bbf6d1..42ab6fa 100644

--- a/.gitconfig

+++ b/.gitconfig

@@ -1,3 +1,3 @@

[user]

- name = Raaghavi K R

+ name = Raaghavi-K-R

email = krraaghavi@gmail.com

(1/1) Stage this hunk [y,n,q,a,d,e,?]? █

```
[raaghavikr@Raaghavis-MacBook-Air ~ % git fetch https://github.com/Raaghavi-K-R/test
```

```
remote: Enumerating objects: 3, done.
```

```
remote: Counting objects: 100% (3/3), done.
```

```
remote: Total 3 (delta 0), reused 0 (delta 0), pack-reused 0
```

```
Unpacking objects: 100% (3/3), 591 bytes | 197.00 KiB/s, done.
```

```
From https://github.com/Raaghavi-K-R/test
```

```
 * branch          HEAD      -> FETCH_HEAD
```

```
Auto packing the repository in background for optimum performance.
```

```
See "git help gc" for manual housekeeping.
```

```
warning: The last gc run reported the following. Please correct the root cause  
and remove .git/gc.log.
```

```
Automatic cleanup will not be performed until the file is removed.
```

```
warning: There are too many unreachable loose objects; run 'git prune' to remove  
them.
```

```
raaghavikr@Raaghavis-MacBook-Air ~ %
```





 raaghavikr — -zsh — 80x24

```
[raaghavikr@Raaghavis-MacBook-Air ~ % git checkout -b test1  
Switched to a new branch 'test1'  
raaghavikr@Raaghavis-MacBook-Air ~ %
```

```
[raaghavikr@Raaghavis-MacBook-Air ~ % git checkout -b test1  
Switched to a new branch 'test1'  
[raaghavikr@Raaghavis-MacBook-Air ~ % git branch  
  main  
* test1  
raaghavikr@Raaghavis-MacBook-Air ~ %
```



 raaghavikr — -zsh — 80x24

```
[raaghavikr@Raaghavis-MacBook-Air ~ % git merge main  
Already up to date.  
raaghavikr@Raaghavis-MacBook-Air ~ % █
```



```
[raaghavikr@Raaghavis-MacBook-Air ~ % git pull
Username for 'https://github.com': Raaghavi-K-R
[Password for 'https://Raaghavi-K-R@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations/ for more information.
fatal: Authentication failed for 'https://github.com/Raaghavi-K-R/Cognizance.git/'
raaghavikr@Raaghavis-MacBook-Air ~ %
```

```
[raaghavikr@Raaghavis-MacBook-Air ~ % git pull https://github.com/Raaghavi-K-R/test
From https://github.com/Raaghavi-K-R/test
 * branch                HEAD          -> FETCH_HEAD
Auto packing the repository in background for optimum performance.
See "git help gc" for manual housekeeping.
warning: The last gc run reported the following. Please correct the root cause
and remove .git/gc.log.
Automatic cleanup will not be performed until the file is removed.

warning: There are too many unreachable loose objects; run 'git prune' to remove
them.

hint: Pulling without specifying how to reconcile divergent branches is
hint: discouraged. You can squelch this message by running one of the following
hint: commands sometime before your next pull:
hint:
hint:   git config pull.rebase false  # merge (the default strategy)
hint:   git config pull.rebase true   # rebase
hint:   git config pull.ff only        # fast-forward only
hint:
hint: You can replace "git config" with "git config --global" to set a default
hint: preference for all repositories. You can also pass --rebase, --no-rebase,
hint: or --ff-only on the command line to override the configured default per
hint: invocation.
fatal: refusing to merge unrelated histories
```



```
raaghavikr@Raaghavis-MacBook-Air ~ % git push --set-upstream origin main
Username for 'https://github.com': Raaghavi-K-R
>Password for 'https://Raaghavi-K-R@github.com':
remote: Support for password authentication was removed on August 13, 2021. Please use a personal access token instead.
remote: Please see https://github.blog/2020-12-15-token-authentication-requirements-for-git-operations/ for more information.
fatal: Authentication failed for 'https://github.com/Raaghavi-K-R/Cognizance.git/'
raaghavikr@Raaghavis-MacBook-Air ~ %
```