

Example

```
git fetch origin --prune
```

```
git checkout --track origin/branchname
```

Workflow

```
git fetch
git checkout featur e/f eat ure-x
git commit -m " [Fe ature] feature x implem ent -
ed"
git push
git checkout develop
git pull
git checkout featur e/f eat ure-x
git rebase develop
git add fixed files list
git rebase --continue
git checkout develop
git merge --no-ff featur e/f eat ure-x
git push
git branch -D featur e/f eat ure-x
git push origin :featu re/ fea ture-x
```

diff

```
git diff --staged
# what has changed in this file from last commit
git diff HEAD~1..HEAD file.txt
# compares file from current branch to master
git diff HEAD..m aster file.txt
# compares the stash against the commit it is
based on
git diff stash@ {0}^!
# see the most recent stash
git stash show -p
git stash show -p stash@{0}
```

Useful Commands

```
# which commit does this branch come from?
git merge-base new_branch old_branch
# merged branches not deleted
for branch in `git branch -r --merged
origin /master | grep -v HEAD`;do echo -e `git
show --form at= "%ai %ar by %an" $branch | head -n
1` \\t$br anch; done | sort -r
# Amend a (non-p ushed) commit
git commit --amend --no-edit
# clear local tags
git fetch --prune origin " +re fs/ tags/refs/ -
tags/"
git remote show origin
git checkout --track origin /br anc hname
# reset local branch to remote's HEAD
git reset --hard origin
git worktree
```

Log

```
git log --oneline
git log --stat
git log --name -status
git log --follow --pret ty= for mat :'%an (%ae)'
file.c | sort | uniq
```

.gitconfig

```
[core]
                                exc lud esfile = ~/.git ignore

[include]
                                path = ~/.git con fig -local

[fetch]
                                prune = true

[pull]
                                rebase = merges

[push]
                                default = upstream

[color " bra nch "]
                                current = yellow reverse
                                local = yellow
                                remote = green
```



By **Alexandre Hausen**
(alexandreceolin)

cheatography.com/alexandreceolin/

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.gitconfig (cont)

```
> [color "diff"]
    meta = yellow bold
    frag = magenta bold
    old = red bold
    new = green bold
[color "status"]
    added = yellow
    changed = green
    untracked = cyan
    remoteBranch = cyan
[alias]
    hist = log --color --graph --oneline --decorate --all
    lg = log --color --graph --oneline --pretty=format:'%C(yellow)-%h%Creset -%C(yellow)%d%Creset %s %Cgreen(%cr) %C(bold blue)<%an>%Creset'
    st = status -sb
    co = checkout
    br = branch
    pushf = push --force-with-lease
    ver = describe --tags
    fuckup = commit --fixup HEAD
    praise = blame
```



By **Alexandre Hausen**
(alexandreceolin)

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