## git log --name-status|--name-only

# show file names and statuses

$ git log -1 --name-status

commit 714a14ef23acb056e3ad0b03c2fd515e3c308603 (HEAD -> dev, github/dev)

...

M README.md

A rm.Extensions/BitSet.cs

M rm.Extensions/Properties/AssemblyInfo.cs

M rm.Extensions/rm.Extensions.csproj

A rm.ExtensionsTest/BitSetTest.cs

M rm.ExtensionsTest/rm.ExtensionsTest.csproj

# show file names

$ git difftool head~ --name-only

## grep, log grep, ls-files

# greps in working directory only

$ git grep "woohoo"

$ git grep -i "woohoo" # ignore case

$ git grep "woohoo" -- \*.gtt # in .gtt files only

# greps in entire repo (slow)

$ git log -G "woohoo"

# greps in log messages only

$ git log --grep "woohoo"

# greps in tip of all branches (not just current)

$ git branch -a \

| cut -c3- | xargs git grep "woohoo"

## git add -i|-p

$ git status

(changes)

$ git add -i

# \*\*\* Commands \*\*\*

# 1: status 2: update 3: revert 4: add untracked

# 5: patch 6: diff 7: quit 8: help

# What now>

(some work to add/remove/patch to index)

$ git commit

# --patch for reset, checkout also

$ git add -p

$ git reset -p

$ git checkout -p

## rev-list

# get total commit count

$ git rev-list --all --count

# get total commit count for master

$ git rev-list master --count

# ---o---o---o master

# \

# o---o topic

# get left-right commit count

$ git rev-list topic...master --left-right --count

2 1

# get left-right commit

$ git rev-list topic...master --left-right

# Where did I branched from?

# alias: git bfrom

$ git bfrom master@{u} next@{u}

## template dir and git hooks

# template for when you init a repo

# also works for existing repo

# .gitconfig

[init]

templateDir = ~/.git-templates

# copy contents of template dir to .git/ dir

$ git init

# to apply git hooks to all repos

[core]

hooksPath = ~/.git-hooks

# to skip the commit hooks

$ git commit -n