git

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git

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

diff Show changes between commits, commit and working tree, etc

grep Print lines matching a pattern

log Show commit logs

show Show various types of objects

status Show the working tree status

grow, mark and tweak your common history

branch List, create, or delete branches

commit Record changes to the repository

merge Join two or more development histories together

rebase Reapply commits on top of another base tip

reset Reset current HEAD to the specified state

switch Switch branches

tag Create, list, delete or verify a tag object signed with GPG

collaborate (see also: git help workflows)

fetch Download objects and refs from another repository

pull Fetch from and integrate with another repository or a local branch

push Update remote refs along with associated objects

'git help -a' and 'git help -g' list available subcommands and some

concept guides. See 'git help <command>' or 'git help <concept>'

to read about a specific subcommand or concept.

See 'git help git' for an overview of the system.

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ init

bash: init: command not found

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git init

Initialized empty Git repository in C:/Users/frank/Desktop/abc/.git/

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git status

On branch master

No commits yet

Untracked files:

(use "git add <file>..." to include in what will be committed)

1.txt

nothing added to commit but untracked files present (use "git add" to track)

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git add .

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git commit -m "add 1.txt"

[master (root-commit) 9e97957] add 1.txt

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$

git

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git l,og

git: 'l,og' is not a git command. See 'git --help'.

The most similar command is

log

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git log

commit 9e979578fe267dbe91c18608a3c84d72b4030140 (HEAD -> master)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git branch f1

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git branch -a

f1

\* master

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f

1

error: pathspec 'f' did not match any file(s) known to git

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ 1

bash: 1: command not found

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f1

Switched to branch 'f1'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git status

On branch f1

Untracked files:

(use "git add <file>..." to include in what will be committed)

2.txt

nothing added to commit but untracked files present (use "git add" to track)

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git add .

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git log

commit 9e979578fe267dbe91c18608a3c84d72b4030140 (HEAD -> f1, master)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git commit -m "add 2.txt"

[f1 44fb958] add 2.txt

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 2.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$

git log

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git log

commit 44fb958ce234751c5e38044df0970cb797684585 (HEAD -> f1)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:10:56 2021 -0400

add 2.txt

commit 9e979578fe267dbe91c18608a3c84d72b4030140 (master)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git checkout master

Switched to branch 'master'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git log

commit 9e979578fe267dbe91c18608a3c84d72b4030140 (HEAD -> master)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f

error: pathspec 'f' did not match any file(s) known to git

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f1

Switched to branch 'f1'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git log

commit 44fb958ce234751c5e38044df0970cb797684585 (HEAD -> f1)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:10:56 2021 -0400

add 2.txt

commit 9e979578fe267dbe91c18608a3c84d72b4030140 (master)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git checkout master

Switched to branch 'master'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git merge f1

Updating 9e97957..44fb958

Fast-forward

2.txt | 0

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 2.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git log

commit 44fb958ce234751c5e38044df0970cb797684585 (HEAD -> master, f1)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:10:56 2021 -0400

add 2.txt

commit 9e979578fe267dbe91c18608a3c84d72b4030140

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f

1

error: pathspec 'f' did not match any file(s) known to git

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ 1

bash: 1: command not found

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f1

Switched to branch 'f1'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git log

commit 44fb958ce234751c5e38044df0970cb797684585 (HEAD -> f1, master)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:10:56 2021 -0400

add 2.txt

commit 9e979578fe267dbe91c18608a3c84d72b4030140

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git checkout master

Switched to branch 'master'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git branch f2

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f

2error: pathspec 'f' did not match any file(s) known to git

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f2

Switched to branch 'f2'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f2)

$ git log

commit 44fb958ce234751c5e38044df0970cb797684585 (HEAD -> f2, master, f1)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:10:56 2021 -0400

add 2.txt

commit 9e979578fe267dbe91c18608a3c84d72b4030140

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f2)

$ git add .

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f2)

$ git commit -m "add 3.txt"

[f2 d780a31] add 3.txt

1 file changed, 0 insertions(+), 0 deletions(-)

create mode 100644 3.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f2)

$ git log

commit d780a3105b043af95ec85873d94ab76f7c3748fe (HEAD -> f2)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:17:09 2021 -0400

add 3.txt

commit 44fb958ce234751c5e38044df0970cb797684585 (master, f1)

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:10:56 2021 -0400

add 2.txt

commit 9e979578fe267dbe91c18608a3c84d72b4030140

Author: PEIPEI1220 <zyxw.1220@gmail.com>

Date: Mon Mar 29 10:07:56 2021 -0400

add 1.txt

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f2)

$ git checkout f1

Switched to branch 'f1'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f1)

$ git checkout master

Switched to branch 'master'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (master)

$ git checkout f2

Switched to branch 'f2'

frank@DESKTOP-EDUQGM9 MINGW64 ~/Desktop/abc (f2)

$