dnsuryav@LIN13003746 MINGW64 ~

$ mkdir project\_dir

dnsuryav@LIN13003746 MINGW64 ~

$ cd project\_dir

dnsuryav@LIN13003746 MINGW64 ~/project\_dir

$ git init

Initialized empty Git repository in C:/Users/DNSURYAV/project\_dir/.git/

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git add index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git status

On branch master

No commits yet

Changes to be committed:

(use "git rm --cached <file>..." to unstage)

new file: index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git commit -m "First commit"

[master (root-commit) 1765a57] First commit

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

create mode 100644 index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git add info.txt

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: info.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: index.html

Untracked files:

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

.vs/

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git config

usage: git config [<options>]

Config file location

--global use global config file

--system use system config file

--local use repository config file

--worktree use per-worktree config file

-f, --file <file> use given config file

--blob <blob-id> read config from given blob object

Action

--get get value: name [value-pattern]

--get-all get all values: key [value-pattern]

--get-regexp get values for regexp: name-regex [value-pattern]

--get-urlmatch get value specific for the URL: section[.var] URL

--replace-all replace all matching variables: name value [value-pattern]

--add add a new variable: name value

--unset remove a variable: name [value-pattern]

--unset-all remove all matches: name [value-pattern]

--rename-section rename section: old-name new-name

--remove-section remove a section: name

-l, --list list all

--fixed-value use string equality when comparing values to 'value-pattern'

-e, --edit open an editor

--get-color find the color configured: slot [default]

--get-colorbool find the color setting: slot [stdout-is-tty]

Type

-t, --type <type> value is given this type

--bool value is "true" or "false"

--int value is decimal number

--bool-or-int value is --bool or --int

--bool-or-str value is --bool or string

--path value is a path (file or directory name)

--expiry-date value is an expiry date

Other

-z, --null terminate values with NUL byte

--name-only show variable names only

--includes respect include directives on lookup

--show-origin show origin of config (file, standard input, blob, command line)

--show-scope show scope of config (worktree, local, global, system, command)

--default <value> with --get, use default value when missing entry

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ touch .gitignore

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git status

On branch master

Changes to be committed:

(use "git restore --staged <file>..." to unstage)

new file: info.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: index.html

Untracked files:

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

.gitignore

.vs/

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git add index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git commit -m "index.html updated"

[master 015e278] index.html updated

2 files changed, 9 insertions(+)

create mode 100644 info.txt

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git log

commit 015e2784fb1d87162e6217c1b39fc82cac2c971f (HEAD -> master)

Author: dnsuryav <dnsuryav@LIN13003746>

Date: Wed Dec 28 16:19:28 2022 +0530

index.html updated

commit 1765a571e2a9bc302bf1b53ddd17f541bbc2f0d0

Author: dnsuryav <dnsuryav@LIN13003746>

Date: Wed Dec 28 16:10:48 2022 +0530

First commit

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git log --oneline

015e278 (HEAD -> master) index.html updated

1765a57 First commit

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git revert

usage: git revert [--[no-]edit] [-n] [-m <parent-number>] [-s] [-S[<keyid>]] <commit>...

or: git revert (--continue | --skip | --abort | --quit)

--quit end revert or cherry-pick sequence

--continue resume revert or cherry-pick sequence

--abort cancel revert or cherry-pick sequence

--skip skip current commit and continue

--cleanup <mode> how to strip spaces and #comments from message

-n, --no-commit don't automatically commit

-e, --edit edit the commit message

-s, --signoff add a Signed-off-by trailer

-m, --mainline <parent-number>

select mainline parent

--rerere-autoupdate update the index with reused conflict resolution if possible

--strategy <strategy>

merge strategy

-X, --strategy-option <option>

option for merge strategy

-S, --gpg-sign[=<key-id>]

GPG sign commit

--reference use the 'reference' format to refer to commits

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git add index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git revert

usage: git revert [--[no-]edit] [-n] [-m <parent-number>] [-s] [-S[<keyid>]] <commit>...

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--strategy <strategy>

merge strategy

-X, --strategy-option <option>

option for merge strategy

-S, --gpg-sign[=<key-id>]

GPG sign commit

--reference use the 'reference' format to refer to commits

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git config --global alias.my-add add

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git my-add index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git commit -m "updated index.html aand renamed add command"

[master 8d6f523] updated index.html aand renamed add command

1 file changed, 6 insertions(+), 1 deletion(-)

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git reset HEAD~

Unstaged changes after reset:

M index.html

dnsuryav@LIN13003746 MINGW64 ~/project\_dir (master)

$ git reset

Unstaged changes after reset:

M index.html

**Css**

dnsuryav@LIN13003746 MINGW64 ~

$ cd Assignment

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git branch css-Assignment

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git checkout css-Assignment

Switched to branch 'css-Assignment'

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git commit -m "committed"

On branch css-Assignment

nothing to commit, working tree clean

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git commit -m "committed again"

On branch css-Assignment

nothing to commit, working tree clean

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git checkout master

Switched to branch 'master'

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git commit -m "committed again"

[master e0e95ca] committed again

1 file changed, 12 insertions(+), 1 deletion(-)

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git checkout css-Assignment

Switched to branch 'css-Assignment'

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git commit -m "committed again"

[css-Assignment f8bf99f] committed again

1 file changed, 39 insertions(+), 1 deletion(-)

dnsuryav@LIN13003746 MINGW64 ~/Assignment (css-Assignment)

$ git checkout master

Switched to branch 'master'

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git merge css-Assignment

Auto-merging Readme.txt

CONFLICT (content): Merge conflict in Readme.txt

Automatic merge failed; fix conflicts and then commit the result.

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master|MERGING)

$ cat Readme.txt

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

<<<<<<< HEAD

=======

v

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

hi

hello

>>>>>>> css-Assignment

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master|MERGING)

$ git merge css-Assignment

error: Merging is not possible because you have unmerged files.

hint: Fix them up in the work tree, and then use 'git add/rm <file>'

hint: as appropriate to mark resolution and make a commit.

fatal: Exiting because of an unresolved conflict.

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master|MERGING)

$ git add .

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master|MERGING)

$ git commit -m "committed again"

[master 450c146] committed again

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git merge css-Assignment

Already up to date.

dnsuryav@LIN13003746 MINGW64 ~/Assignment (master)

$ git branch -d css-Assignment

Deleted branch css-Assignment (was f8bf99f).