# GitLab CLI

GitLab from the terminal

## CONCEPTS

Inside a clone, glab finds the project from the git remote. Use -R <group>/<project> to target another one.

**Branch** local commits
↓ `glab mr create`
**Merge request** review and approval
↓ `glab mr merge`
**Merged** target branch
↓ `glab ci status`
**Pipeline** CI/CD jobs

## AUTH AND SETUP

**`glab auth login`**
Sign in interactively (OAuth or token)

**`glab auth status`**
Show which account and host you use

**`glab auth login --hostname <host>`**
Sign in to a self-managed instance

## MERGE REQUESTS

**`glab mr create --fill`**
Open an MR with title from commits

**`glab mr create --fill --push --yes`**
Push, create, skip all prompts

**`glab mr create -t "<title>" -b <branch> --draft`**
Draft MR into a target branch

**`glab mr list`**
List open MRs

**`glab mr list --assignee=@me`**
MRs assigned to you

**`glab mr list --reviewer=@me`**
MRs waiting for your review

**`glab mr view <id>`**
Show an MR

**`glab mr checkout <id>`**
Check out an MR branch

**`glab mr approve <id>`**
Approve an MR

**`glab mr merge`**
Merge the MR of the current branch

**`glab mr merge <id> --squash --remove-source-branch`**
Squash-merge and delete the branch

## ISSUES

**`glab issue list`**
List open issues

**`glab issue create -t "<title>" -d "<text>"`**
File an issue

**`glab issue view <id>`**
Show an issue

**`glab issue list --assignee=@me`**
Issues assigned to you

**`glab issue note <id> -m "<text>"`**
Comment on an issue

## CI/CD

**`glab ci status`**
Pipeline status of this branch

**`glab ci status --live`**
Follow the pipeline until it ends

**`glab ci view`**
Interactive pipeline view

**`glab ci trace <job-name>`**
Stream a job's log

**`glab ci run`**
Start a pipeline on this branch

**`glab ci run -b <branch> --variables <KEY>:<value>`**
Run with CI variables

**`glab ci retry <job-name>`**
Retry a job

**`glab ci lint`**
Validate .gitlab-ci.yml

## REPOSITORIES

**`glab repo clone <group>/<project>`**
Clone a project

**`glab repo fork --clone`**
Fork the current project and clone

## CI VARIABLES

**`glab variable set <KEY> <value>`**
Create a variable

## API

**`glab api projects/:fullpath/releases`**
GET an endpoint for this project