

REFERENSI CEPAT GITHUB CLI

Repo, issue, PR, action, rilis, API

Setup

Instalasi

```
brew install gh          macOS via Homebrew
sudo apt install gh      Debian / Ubuntu
winget install GitHub.cli Windows via winget
conda install gh         Via conda-forge
```

Autentikasi

```
gh auth login            # interactive login
gh auth login --with-token < token.txt
gh auth status           # check auth state
gh auth refresh -s repo,gist # add scopes
```

Konfigurasi

```
gh config set editor vim
gh config set pager less
gh config set git_protocol ssh
gh config list
```

Repo

Perintah Repository

```
gh repo create my-app --public --clone
gh repo clone owner/repo
gh repo fork owner/repo --clone
gh repo view owner/repo --web
```

Opsi Repo

```
--public | --private      Atur visibilitas repository
--template owner/repo     Buat dari template repo
--clone                   Clone setelah membuat
--add-readme              Inisialisasi dengan README
gh repo list owner        Tampilkan repo untuk owner
gh repo delete owner/repo Hapus repository (dengan konfirmasi)
```

```
gh repo rename new-name  Ganti nama repo saat ini
gh repo archive owner/repo Arsipkan repository
```

Issue

Mengelola Issue

```
gh issue create --title "Bug" --body "Details here"
gh issue list --state open --label bug
gh issue view 42
gh issue close 42 --reason completed
```

Opsi Issue

```
--assignee @me           Tetapkan ke diri sendiri
--label bug,urgent       Tambah label
--milestone v2.0         Atur milestone
--project "Board"       Tambah ke project
gh issue edit 42         Edit issue secara interaktif
gh issue reopen 42       Buka kembali issue yang ditutup
```

```
gh issue comment 42 -b "msg" Tambah komentar ke issue
gh issue pin 42          Pin issue ke repo
```

Pull Request

Membuat & Mengelola PR

```
gh pr create --title "Feat: add auth" --body "... "
gh pr create --fill # title/body from commits
gh pr list --state open
gh pr view 123 --web
```

Review & Merge

```
gh pr checkout 123 # check out PR branch
gh pr diff 123 # view PR diff
gh pr review 123 --approve
gh pr merge 123 --squash --delete-branch
```

Opsi PR

```
--draft                 Buat sebagai draft PR
--reviewer user1,user2 Minta reviewer
--base main             Atur base branch
--merge | --squash | --rebase Strategi merge
--auto                 Aktifkan auto-merge saat checks lulus
--delete-branch        Hapus branch setelah merge
gh pr ready 123        Tandai draft PR sebagai siap
```

Actions

Perintah Workflow

```
gh run list             # recent runs
gh run view 12345 # run details
gh run view 12345 --log-failed # failed step logs
gh run watch 12345 # live status
```

Memicu & Mengelola

```
gh workflow run deploy.yml --ref main
gh workflow list
gh workflow view deploy.yml
gh run rerun 12345 --failed # rerun failed jobs
```

Opsi Actions

```
-f key=value           Teruskan input ke workflow_dispatch
--json                Output sebagai JSON
-b branch             Filter berdasarkan branch
gh run download 12345 Unduh artifact run
gh cache list         Tampilkan cache Actions
gh cache delete KEY   Hapus entri cache
```

Rilis

Mengelola Rilis

```
gh release create v1.0.0 --generate-notes
gh release create v1.0.0 ./dist/*.tar.gz
gh release list
gh release view v1.0.0
```

Opsi Rilis

```
--title "Release v1.0"      Atur judul rilis
--notes "Changelog here"    Atur catatan rilis secara inline
```

```
--notes-file CHANGELOG.md Catatan dari file
--generate-notes            Buat catatan otomatis dari commit
--draft                   Buat sebagai draft
--pre-release             Tandai sebagai pre-release
--latest                  Tandai sebagai rilis terbaru
gh release download v1.0.0 Unduh aset rilis
gh release delete v1.0.0  Hapus rilis
gh release edit v1.0.0    Edit metadata rilis
```

Gist

Perintah Gist

```
gh gist create file.py -d "My snippet"
gh gist create file1.js file2.js # multi-file gist
gh gist list
gh gist view <id>
```

Opsi Gist

```
-d "description"      Atur deskripsi gist
--public              Buat gist publik (default: secret)
--web                 Buka gist di browser
gh gist edit <id>    Edit file gist
gh gist clone <id>   Clone gist secara lokal
gh gist delete <id>  Hapus gist
```

API

Memanggil API

```
gh api repos/owner/repo
gh api repos/owner/repo/issues --method POST \
-f title="Bug" -f body="Details"
gh api graphql -f query='{ viewer { login } }'
```

Format Output

```
gh api repos/owner/repo --jq '.stargazers count'
gh api repos/owner/repo --template '{{.full_name}}'
gh pr list --json number,title --jq '.[].title'
```

Opsi API

```
--method GET|POST|PUT|DELETE HTTP method
-f key=value                 Set field string
-F key=@file                Set field dari file
--jq 'expression'          Filter JSON dengan sintaks jq
--template 'tmpl'          Format dengan Go template
--paginate                 Ambil semua halaman
-H 'Accept: ...'           Set header kustom
```

Alias

Mengelola Alias

```
gh alias set co 'pr checkout'
gh alias set bugs 'issue list --label bug'
gh alias set last 'run list -L 1'
gh alias list
```

Alias Lanjutan

```
# Alias with shell command
gh alias set --shell pv 'gh pr view --json url --jq .url | pbcopy'
# Delete alias
gh alias delete co
```

Tips Alias

```
gh alias set name 'cmd'   Buat alias sederhana
--shell                  Alias berjalan via shell (mendukung pipe)
```

```
gh alias list             Tampilkan semua alias yang didefinisikan
```

```
gh alias delete name     Hapus alias
```

Pola Umum

Alur Kerja Harian

```
gh issue list --assignee @me # my open issues
gh pr status                 # PRs needing attention
gh pr checks 123            # CI status for PR
gh run list -b main -L 5    # recent CI runs
```

Pencarian

```
gh search repos --language rust --stars ">1000"
gh search issues --repo owner/repo "memory leak"
gh search prs --state open --review required
```

Flag Berguna

```
--json field1,field2 Output field tertentu sebagai JSON
--jq 'expr'           Filter output JSON
-L N                  Batasi hasil ke N item
--web                Buka hasil di browser
-R owner/repo        Target repository tertentu
GH_TOKEN=xxx         Auth via environment variable
```