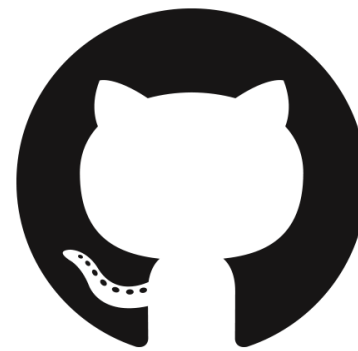


GIT & GITHUB



GIT

VS



GITHUB

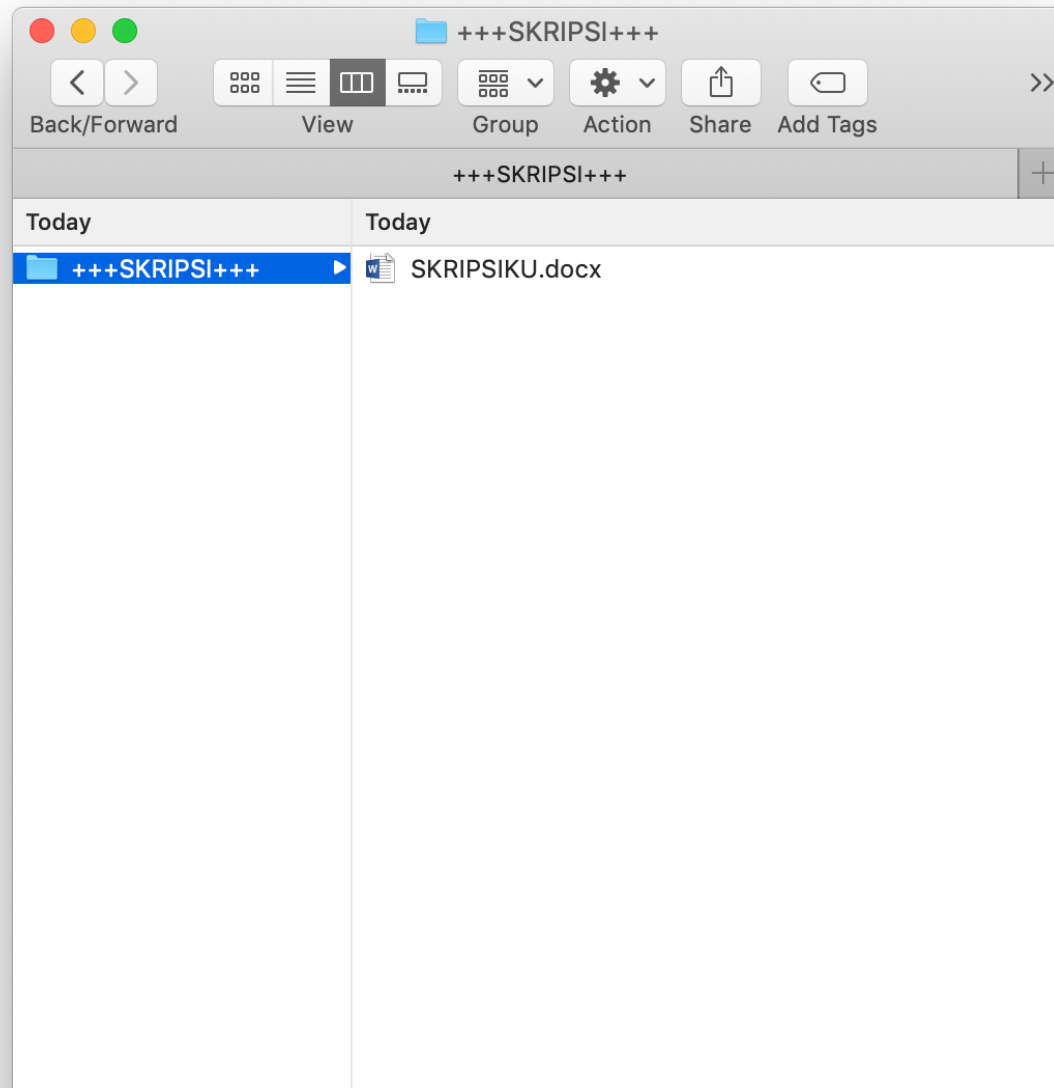
GIT ?

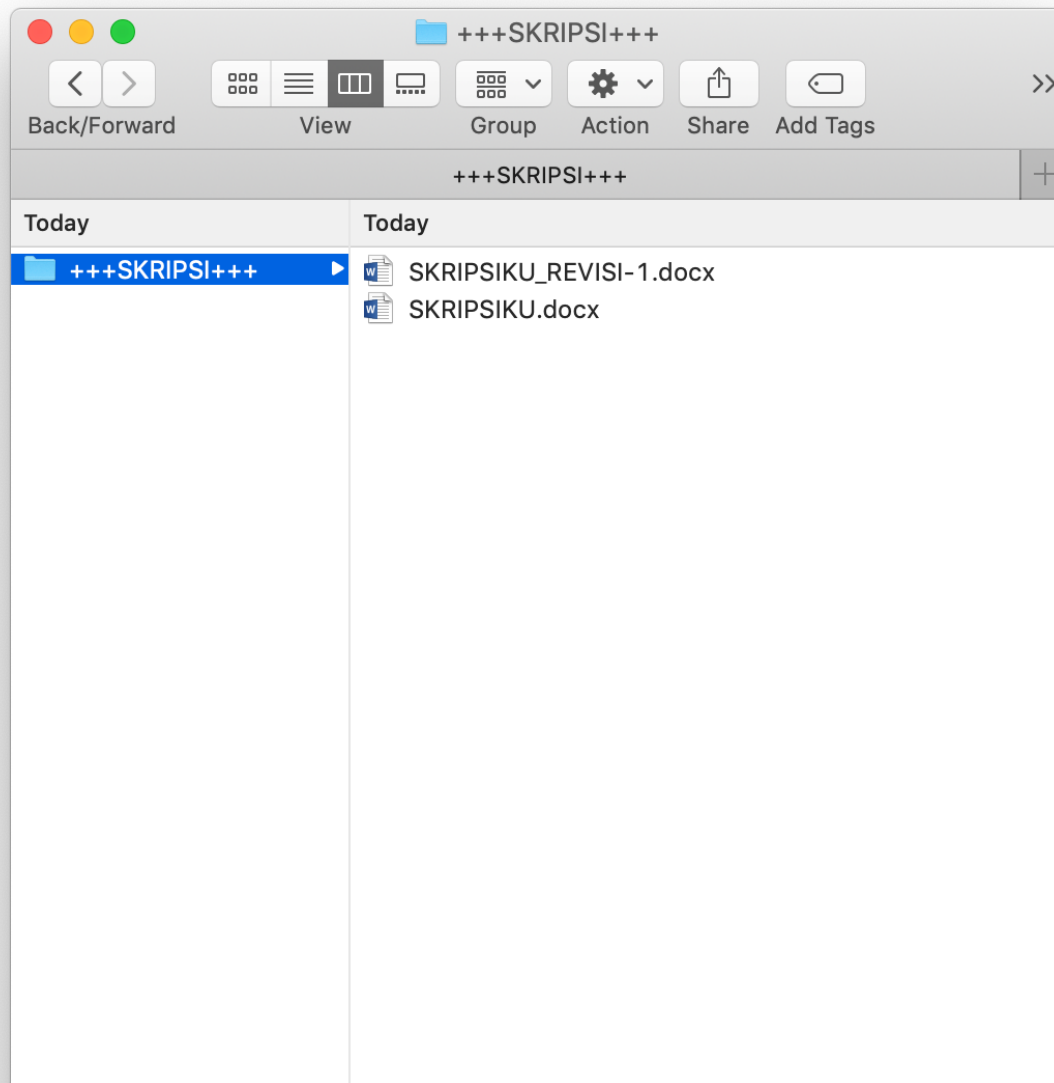
Version Control System

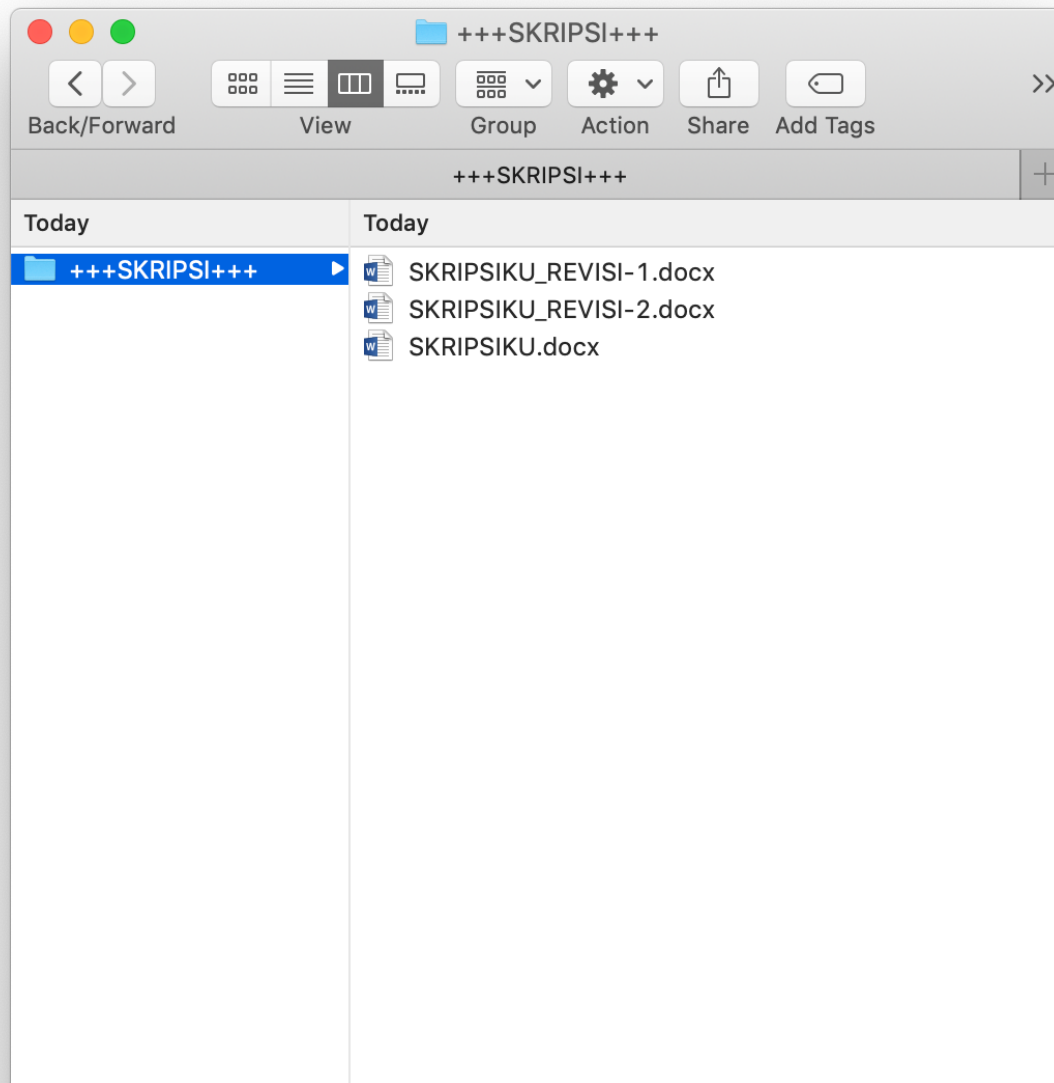
“Version Control System, disebut juga **revision control system** atau **source code management** adalah sistem yang mengelola perubahan dari sebuah dokumen, program komputer, website dan kumpulan informasi lain.”

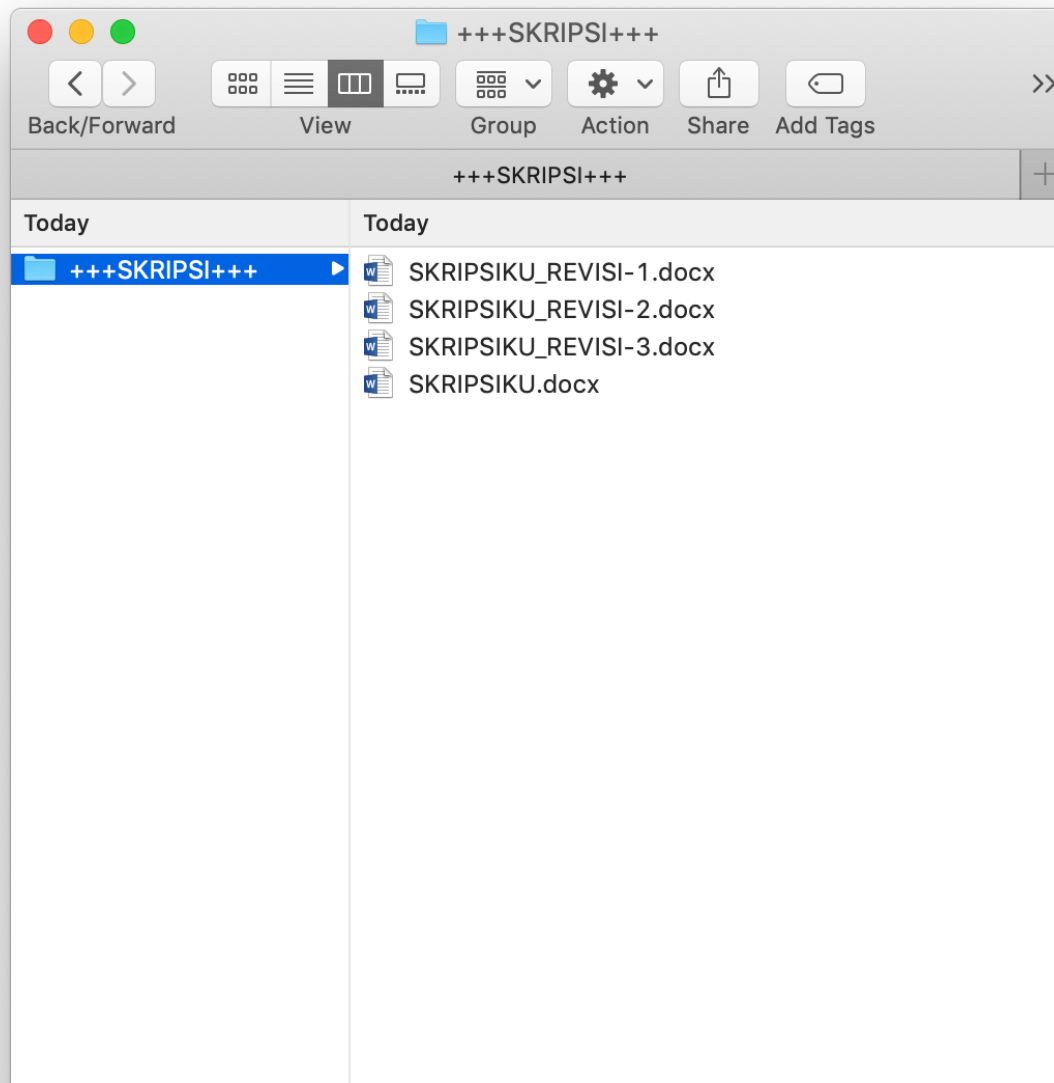
https://en.wikipedia.org/wiki/Version_control

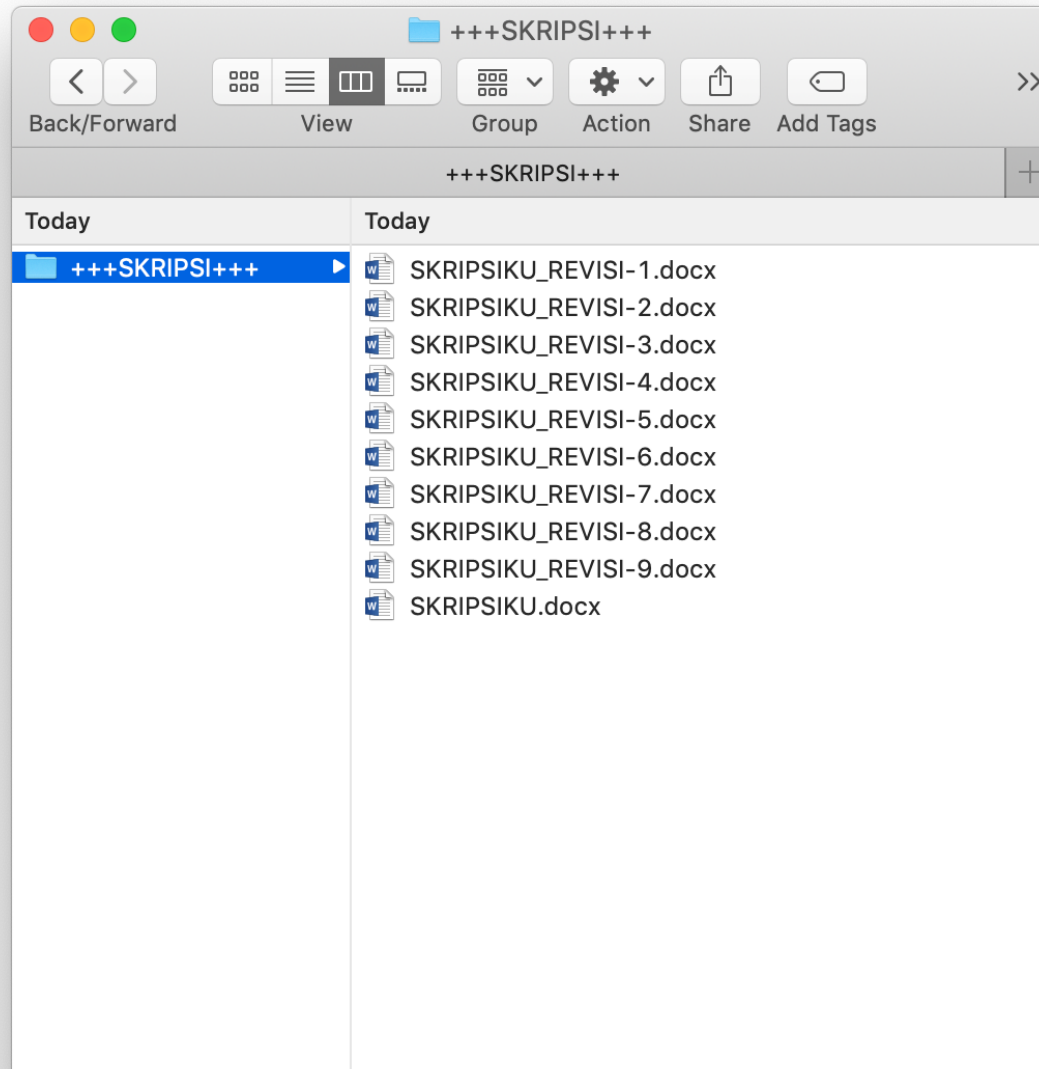
Problems ?

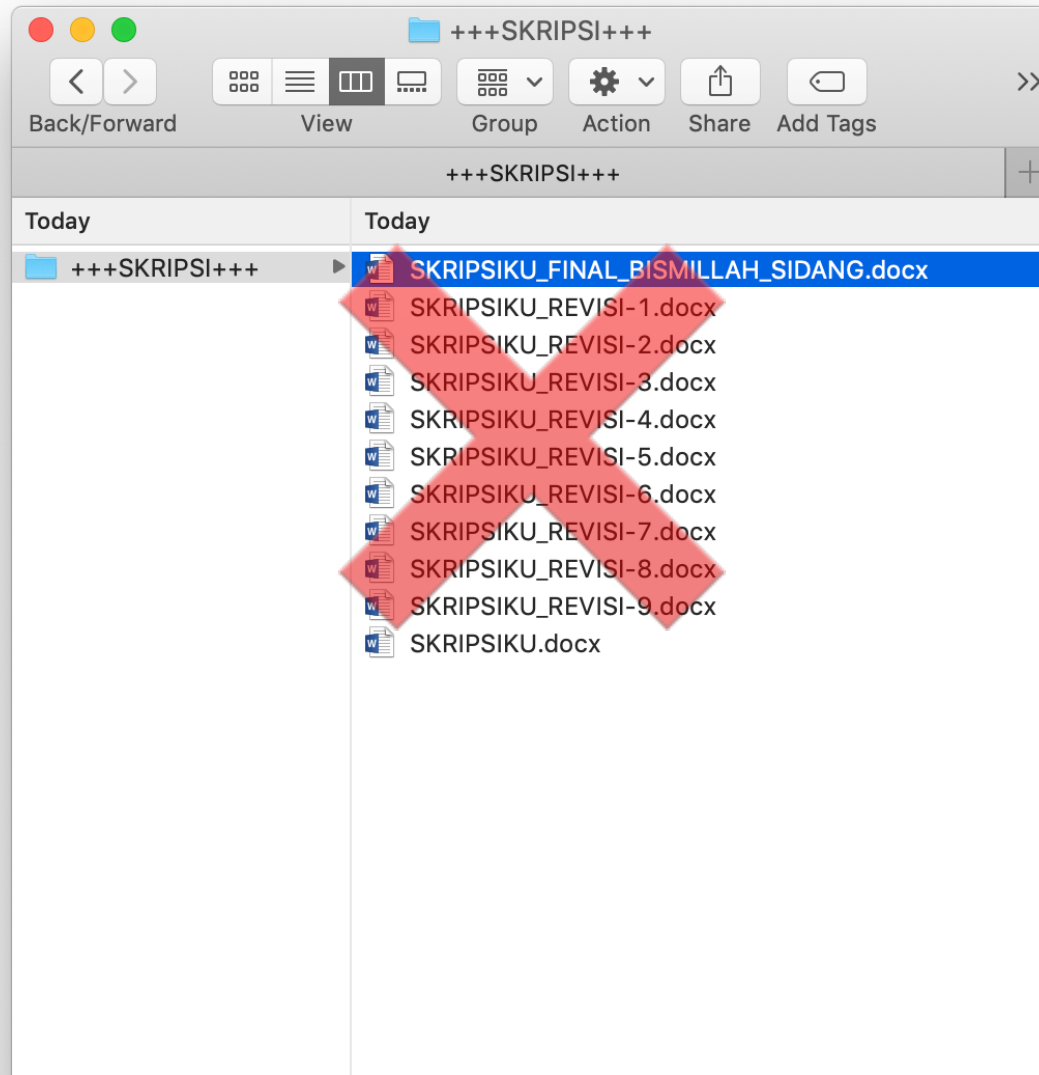












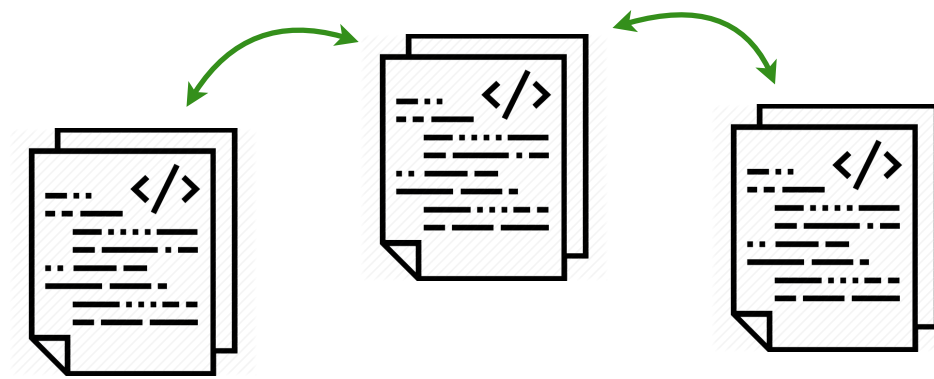
Version Control System



designed by  freepik.com



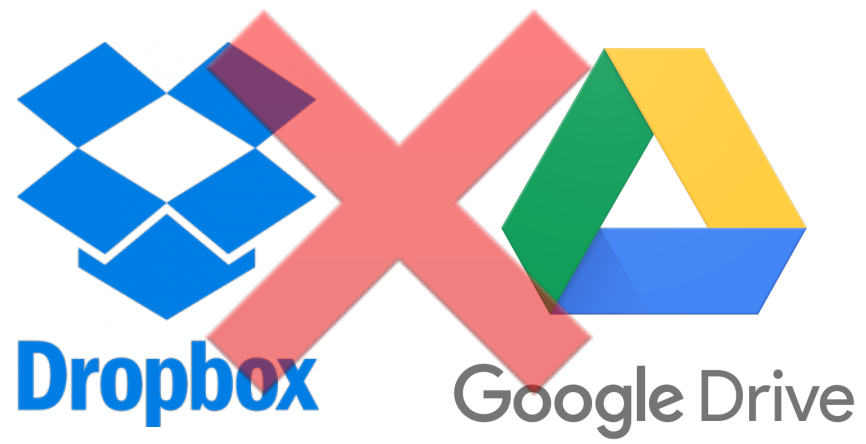
designed by  freepik.com



designed by  freepik.com

Kolaborasi

Version Control System



Version Control System

- Sebuah sistem yang menyimpan 'rekaman / snapshot' perubahan pada source code
- Memungkinkan bekerja berkolaborasi dengan lebih baik
- Mengetahui siapa yang melakukan dan kapan sebuah perubahan terjadi
- Memungkinkan kita untuk kembali ke keadaan sebelum perubahan (checkout)

Version Control System





GIT

Git

“Sebuah VCS terdistribusi untuk mengelola perubahan file di dalam folder.”

<https://en.wikipedia.org/wiki/git>

Git

"Sebuah software untuk mengelola perubahan file di dalam folder."

Git

“Sebuah software untuk mengelola perubahan file di dalam folder

(repository / repo).”

Git

“Riwayat perubahan file disimpan menggunakan serangkaian **commit**.”

Tanpa Git



SKRIPSIKU_REVISI-1.docx



SKRIPSIKU_REVISI-2.docx



SKRIPSIKU_REVISI-3.docx





SKRIPSIKU_REVISI-4.docx



SKRIPSIKU_REVISI-5.docx

Dengan Git

- Mulai mengerjakan BAB 1
 - Menambahkan latar belakang
 - Memperbaiki analisis
 - Menghapus teori yang tidak relevan
 - ...
- 
-  **SKRIPSIKU.docx**

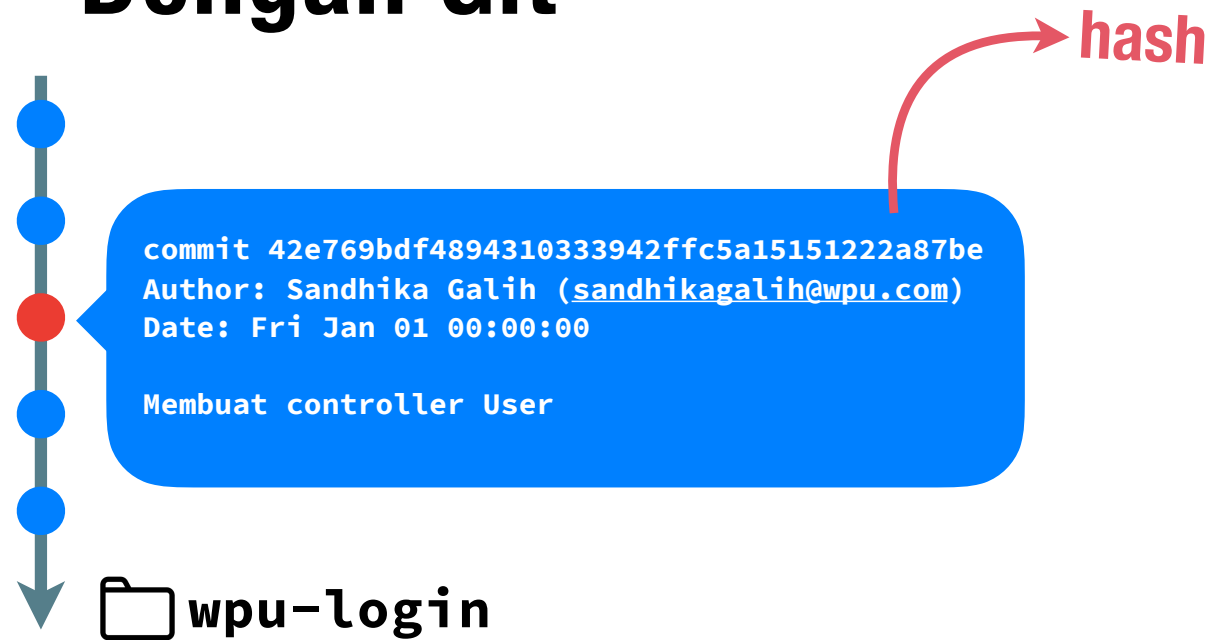
Dengan Git



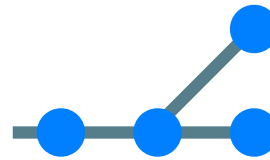
Dengan Git



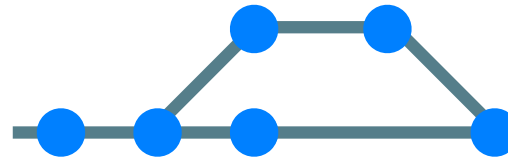
Dengan Git



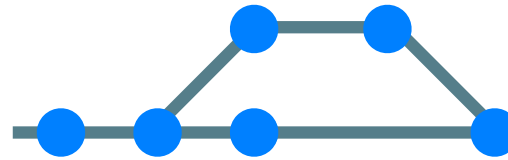
Git Repo

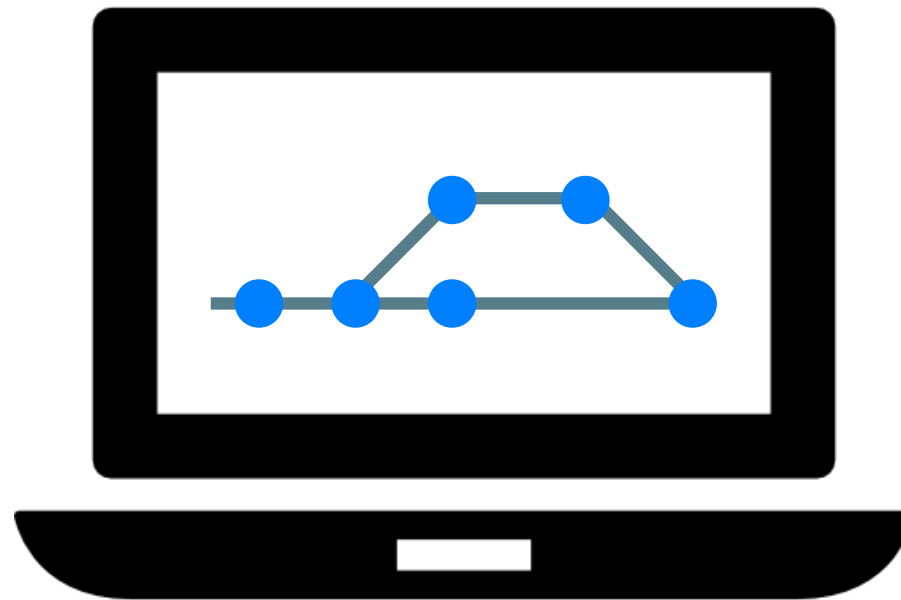


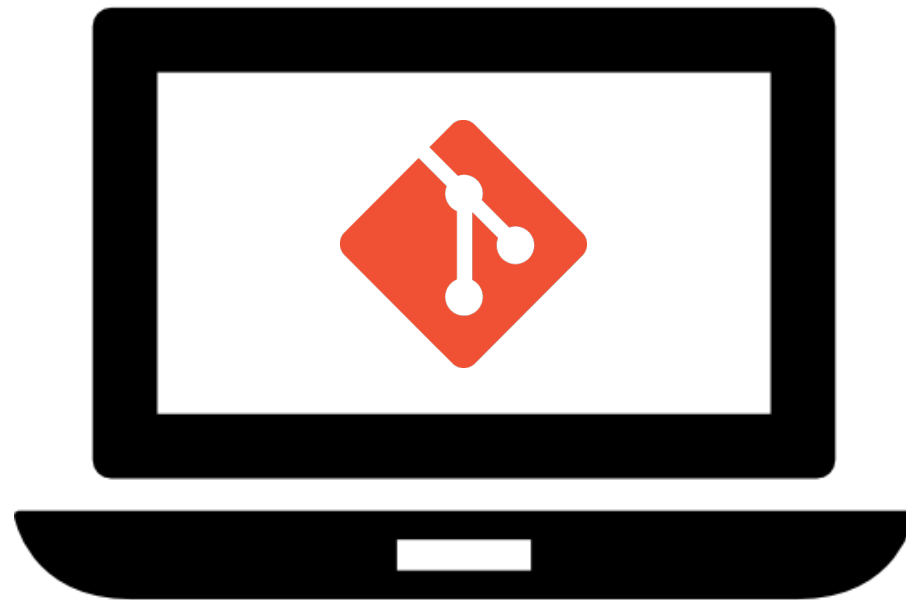
Branch

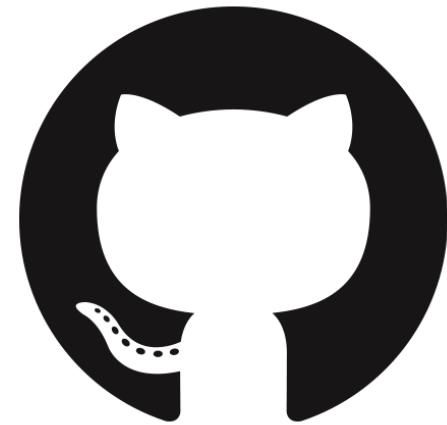


Merge

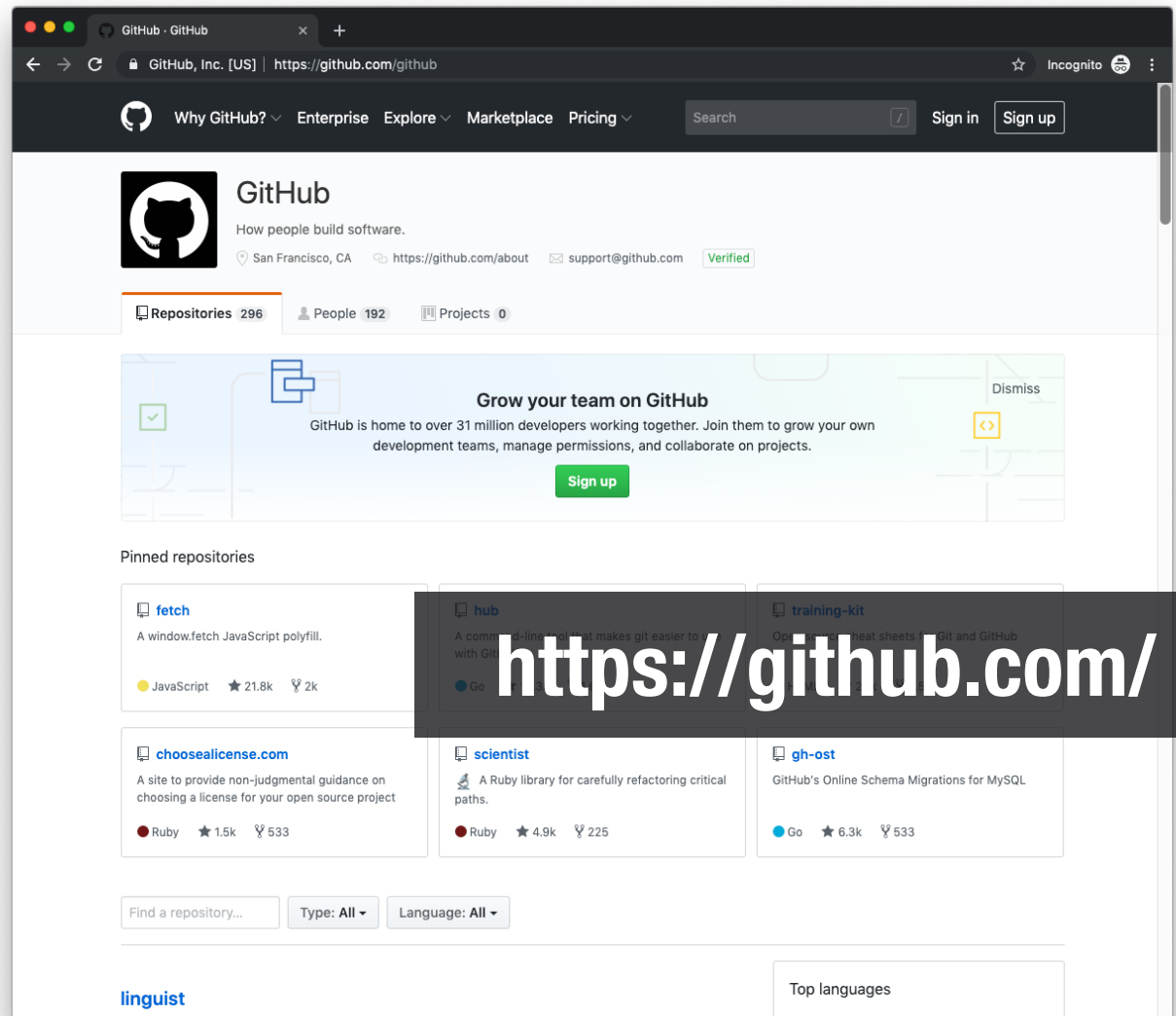








GITHUB

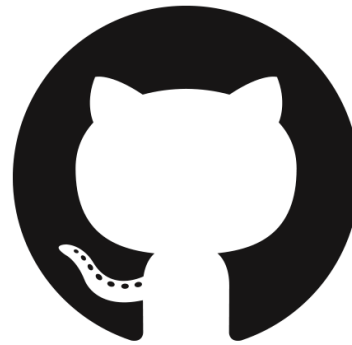


GitHub

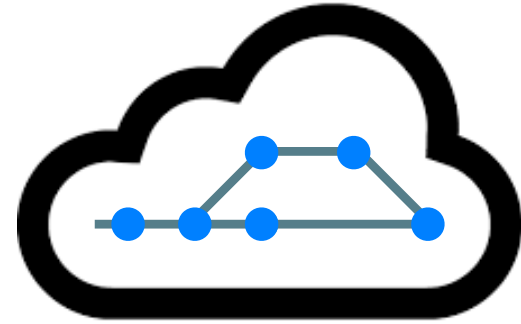
“Layanan cloud untuk menyimpan & mengelola project / repo git.”

GitHub

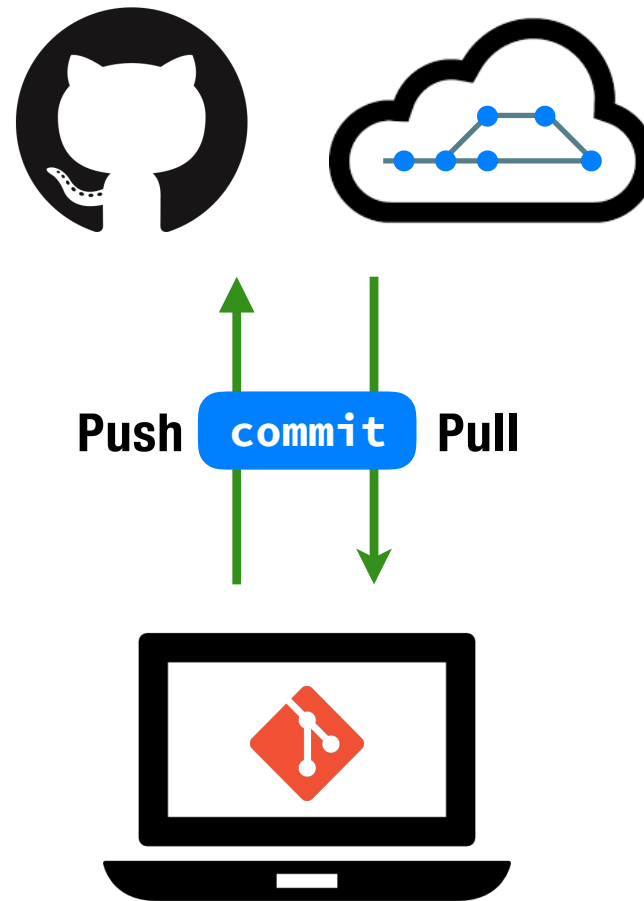
“Instagram-nya para programmer.”



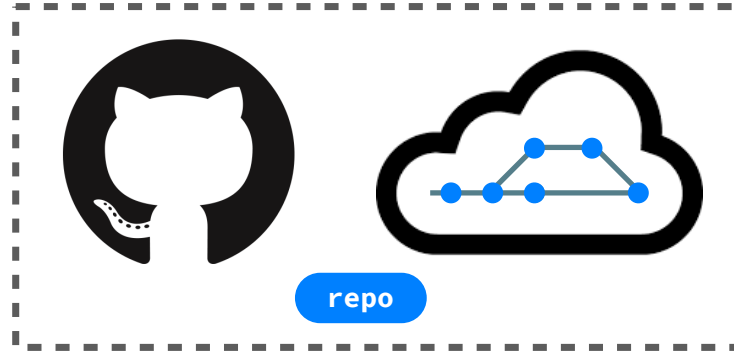
GITHUB



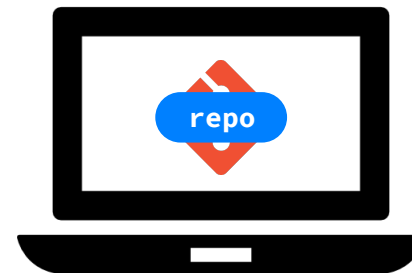
GIT

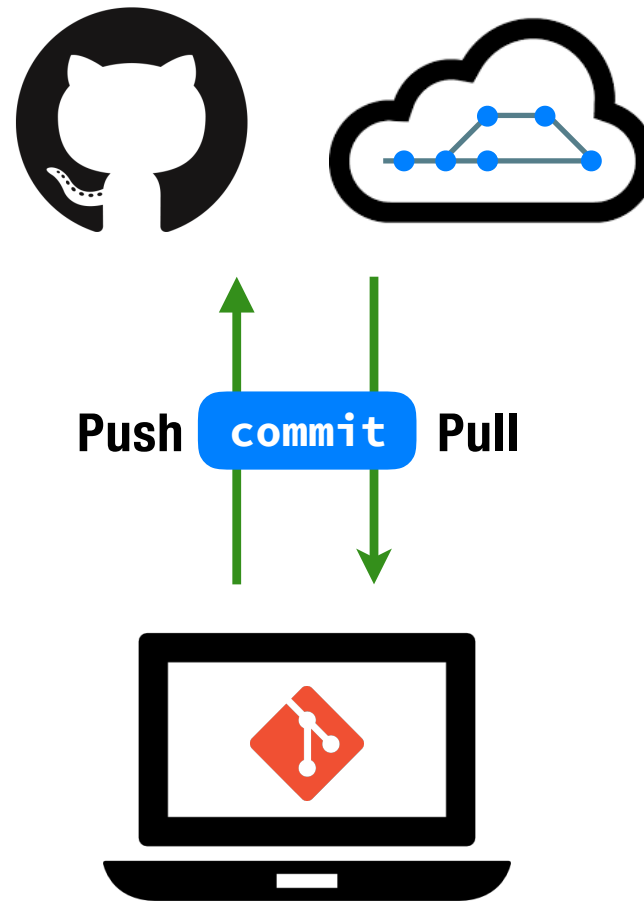


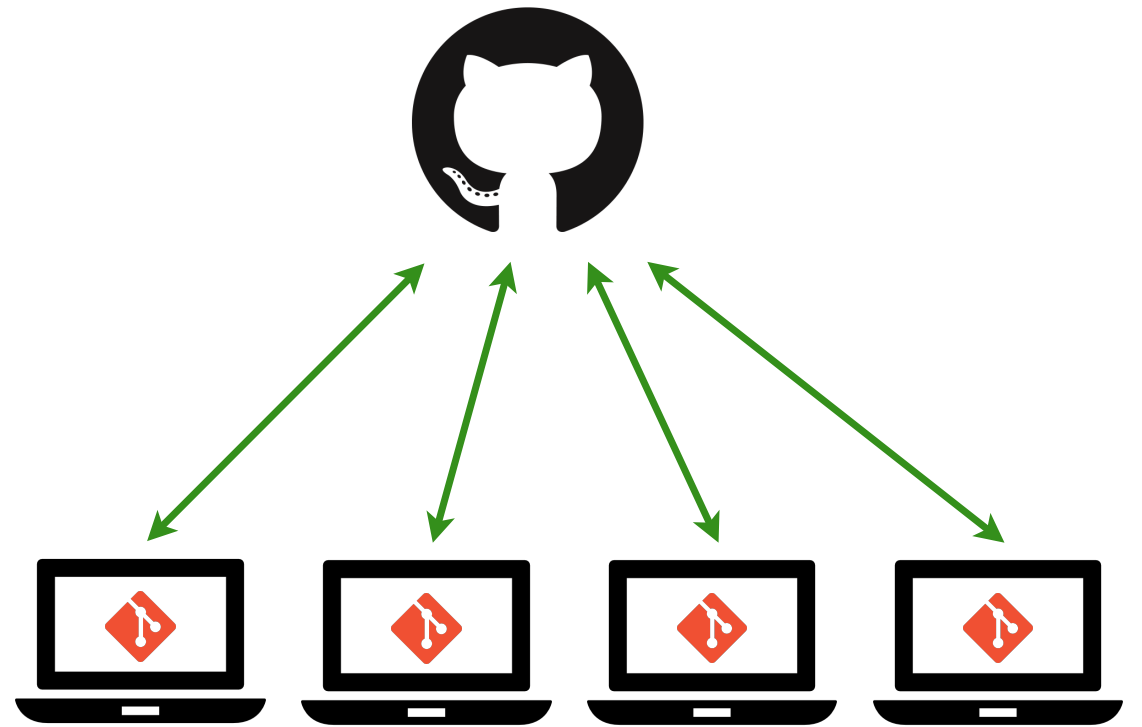
Remote



Clone







Layanan Selain GitHub



Bitbucket



GitLab

Recap

- Version Control System

Sistem yang menyimpan & mengelola rekaman perubahan dari source code

- Git

Salah satu software yang bisa melakukan VCS

- GitHub

Website / layanan untuk mengelola project Git

Istilah Git

repo folder project kita

commit rekaman / snapshot dari repo kita

hash penanda unik pada sebuah commit

checkout berpindah ke sebuah commit

branch cabang bebas dari sebuah commit

merge menggabungkan branch

remote sumber yang memiliki repo

clone mengambil repo dari remote

push mengirimkan commit ke repo

pull mengambil commit dari repo

Git

<https://git-scm.com/>

console

```
MINGW64 ~/rust/rls (hover)
$ cargo build
    Finished dev [optimized + debuginfo] target(s) in 0.46s
MINGW64 ~/rust/rls (hover)
$ winpty cargo build
    Finished dev [optimized + debuginfo] target(s) in 0.63s
MINGW64 ~/rust/rls (hover)
$ cargo build --color always
    Finished dev [optimized + debuginfo] target(s) in 0.46s
MINGW64 ~/rust/rls (hover)
$ cargo --version
cargo 1.29.0-nightly (af9e40e26 2018-07-05)
MINGW64 ~/rust/rls (hover)
$
```

Last login: Sun Apr 28 21:31:13 on ttys000

→ ~ git

usage: git [--version] [--help] [-C <path>] [-c <name>=<value>]
 [--exec-path[=<path>]] [--html-path] [--man-path] [--info-path]
 [-p | --paginate | --no-pager] [--no-replace-objects] [--bare]
 [--git-dir=<path>] [--work-tree=<path>] [--namespace=<name>]
 <command> [<args>]

These are common Git commands used in various situations:

```
History View Status View
Diff for 56ae3c97
Author: Aaro
Author Date: Wed
Committer: Aaro
Committer Date: Wed
start a working area (see also: git help tutorial)
clone Clone a repository into a new directory
added mx and +short dns records types
recon/clidsrecon.sh | 10 ++++++++
1 file changed, 9 insertions(+), 1 deletion(-)
diff --git a/recon/clidsrecon.sh b/recon/clidsrecon.sh
index 2013a2a..af056a5 100755
--- a/recon/clidsrecon.sh
+++ b/recon/clidsrecon.sh
@@ -21,9 +21,13 @@ fi

domain=$1

## get IP for domain
+print_header Get Domain Alias and IP for doamin
+dig "$domain" +short
+
## query target domain
print_header Query target domain
-dig "$domain"
+dig "$domain"

## new domain value(remove www. prefix)
Line 1 of 38
Loaded 51 commits for ref master
: Cmd Prompt  nt Next Tab  nt Prev Tab  <Tab> Next View  <S-Tab> Prev View  f Full Screen  <C-w>t
```

Git Client (GUI)

sourcetree-website (Git)

Commit Pull Push Branch Merge Shelf Show in Finder Terminal Settings

WORKSPACE

File status

History

Search

BRANCHES

BOOKMARKS

TAGS

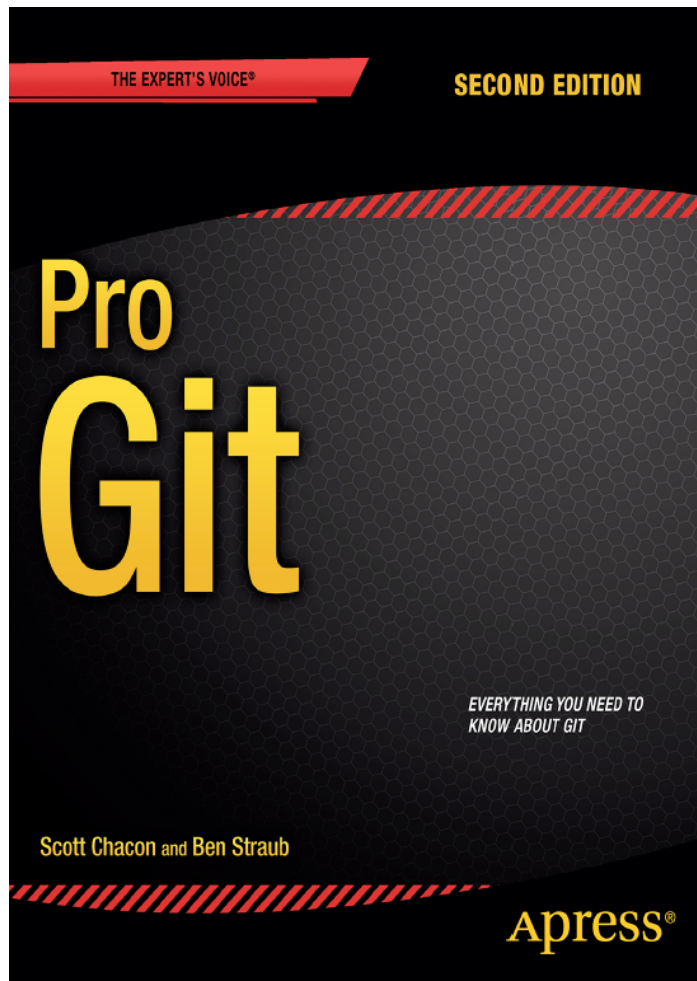
REMOTES

SHELVED

SUBREPOSITORIES

All Branches Show Remote Branches Ancestor Order Jump to:

Graph	Commit	Author	Description	Date
	b7358c7	Rahul Chha...	master origin/master origin/HEAD Removing ol...	Mar 3, 2016, 11:...
	bdb8bef	Rahul Chhab...	Merged in update-google-verification (pull request #14)	Feb 18, 2016, 1:3...
	dfe975d	Tyler Tadej...	origin/update-google-verification Update google verificati...	Feb 11, 2016, 2:2...
	3bc329d	Tyler Tadej...	Replace outdated Atlassian logo in footer with base-64 en...	Feb 11, 2016, 2:1...
	dba47f9	Tyler Tadej...	Add gitignore	Feb 11, 2016, 1:3...
	ff67b45	Mike Minns...	Updated Mac min-spec to 10.10	Feb 15, 2016, 11:...
	72d32a8	Michael Min...	Merged in hero_images (pull request #13)	Feb 15, 2016, 10:...
	246c4ff	Joel Unger...	origin/hero_images hero_images Used Tinypng to c...	Feb 11, 2016, 3:3...
	9d9438c	Joel Unger...	Replacing hero images with new version of SourceTree	Feb 9, 2016, 2:59...
	ce75b63	Michael Min...	Merged in bug/date-https (pull request #12)	Feb 15, 2016, 10:...
	85367bb	Patrick Tho...	origin/bug/date-https fixed date and https errors	Jan 7, 2016, 12:2...
	4f9b557	Joel Unger...	New Favicon	Feb 8, 2016, 3:55...
	384e6d5	Rahul Chhab...	origin/search-console-access search console google ver...	Feb 3, 2016, 2:09...
	6fa47a9	Mike Minns...	updated to move supported version to OSX 10.9+	Dec 15, 2015, 2:0...
	8dd87bb	Mike Minns...	remove extra , when a line is skipped due to empty server	Nov 23, 2015, 2:2...
	faa195e	Mike Minns...	Skip records with empty server/user id as gas rejects them	Nov 23, 2015, 2:1...
	0cdf96	Mike Minns...	corrected paths after merge	Nov 23, 2015, 2:0...
	051ab1b	Mike Minns...	corrected column counting	Nov 23, 2015, 1:5...
	a723bc2	Mike Minns...	Merge branch 'au2gex'	Nov 23, 2015, 1:5...
	65fd580	Mike Minns...	deal with invalid instanceids	Nov 23, 2015, 1:5...
	500a892	Michael Min...	Merged in au2gex (pull request #11)	Nov 23, 2015, 1:0...



<https://git-scm.com/book/en/v2>

<https://git-scm.com/book/id/v2>

Install Git

(Windows)

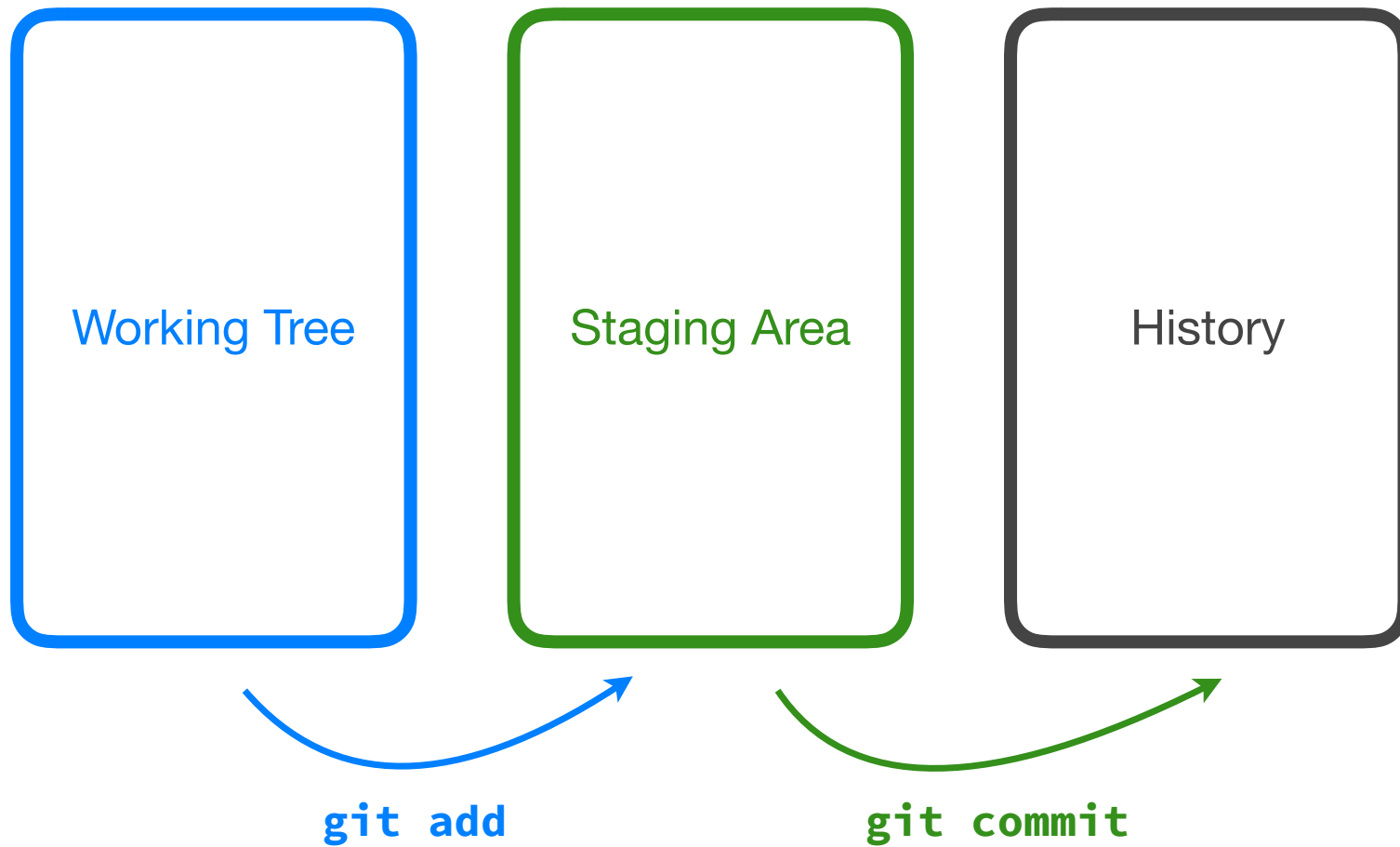
Git Command (local)

- `$ git init`
- `$ git add <file(s)>`
- `$ git status`
- `$ git commit`
- `$ git config`
- `$ git branch`
- `$ git help`
- ...

3 area pada repo Git

- Working tree
 - Staging area
 - History
- } .git

3 area pada repo Git



sekian.

terimakasih.
@sandhikagalih