Open source Software
오픈소스 소프트웨어
04. 깃 설치와 실행

학습 개요

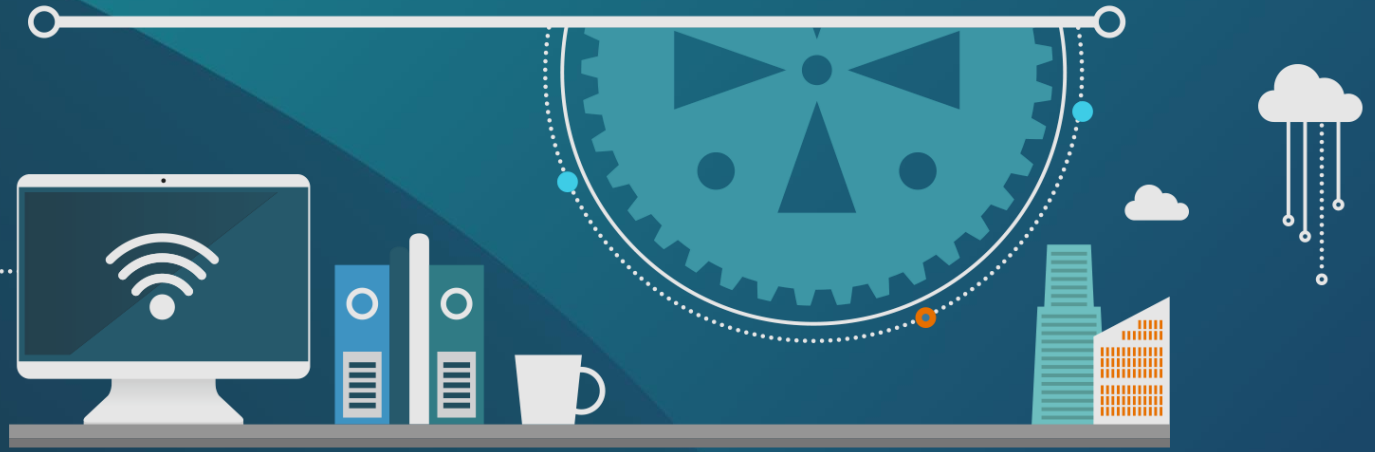
1. 깃 홈페이지와 깃 다운로드
2. 깃 설치: 두 개의 SW 제공 Git Bash, Git GUI
3. 깃 실행

학습 목표

1. 깃 홈페이지를 접속해 깃을 내려 받아 설치할 수 있다.
2. 깃 설치 후 깃을 실행할 수 있다.

LESSON 01

깃 홈페이지와 다운로드



1 깃 홈페이지와 다운로드

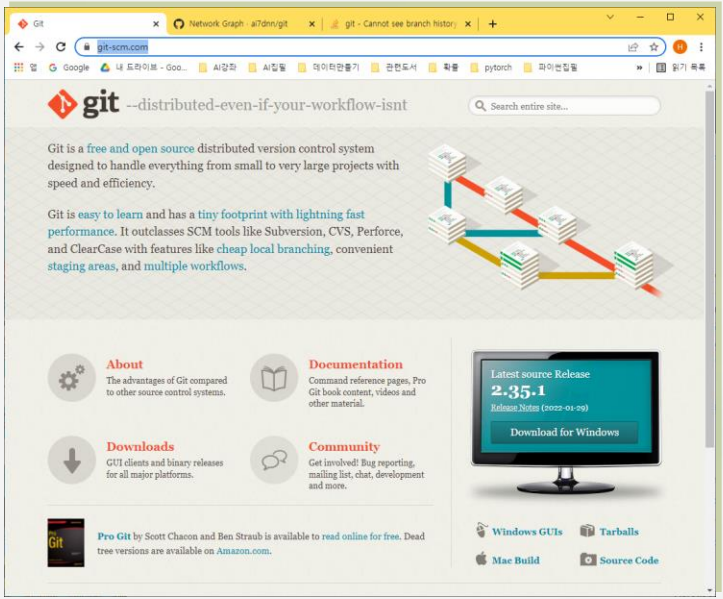
깃 사이트

홈페이지

- https://git-scm.com/

오픈소스 소프트웨어 OSS 주소

- https://github.com/git/git

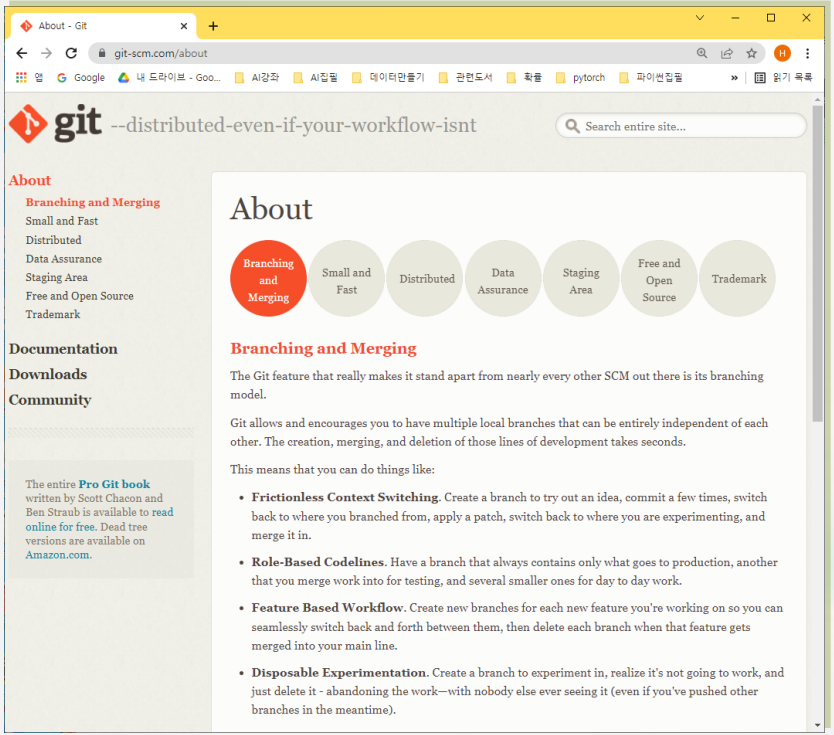


1 깃 홈페이지와 다운로드

깃 홈페이지 둘러 보기

- https://git-scm.com/about

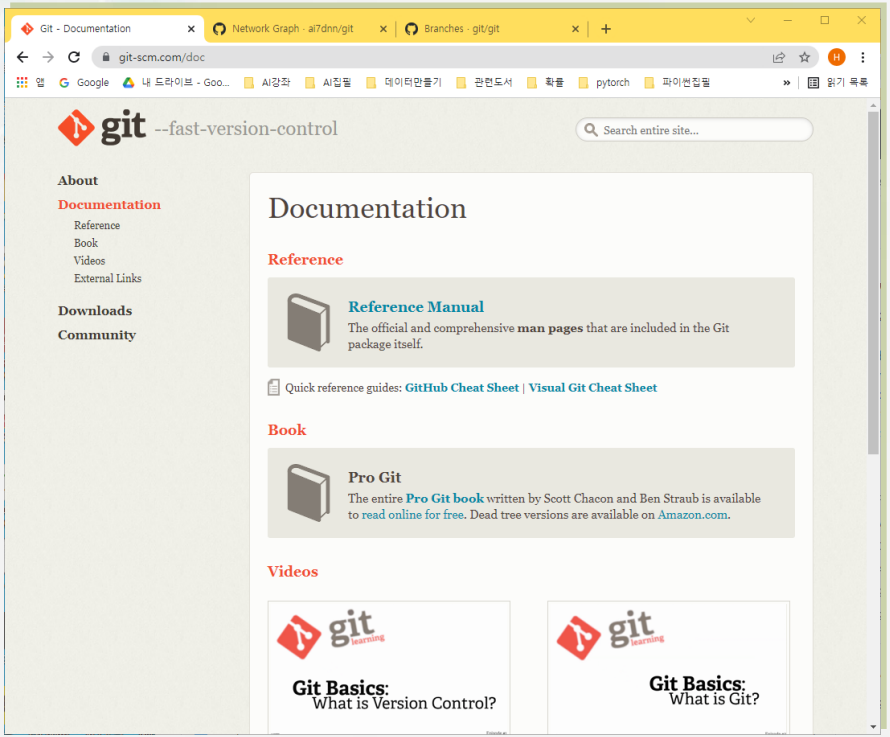
- About
  - Branching and Merging
  - Small and Fast
  - Distributed
  - Data Assurance
  - Staging Area
  - Free and Open Source
  - Trademark
- Documentation
- Downloads
- Community



1 깃 홈페이지와 다운로드

문서 내려 받기

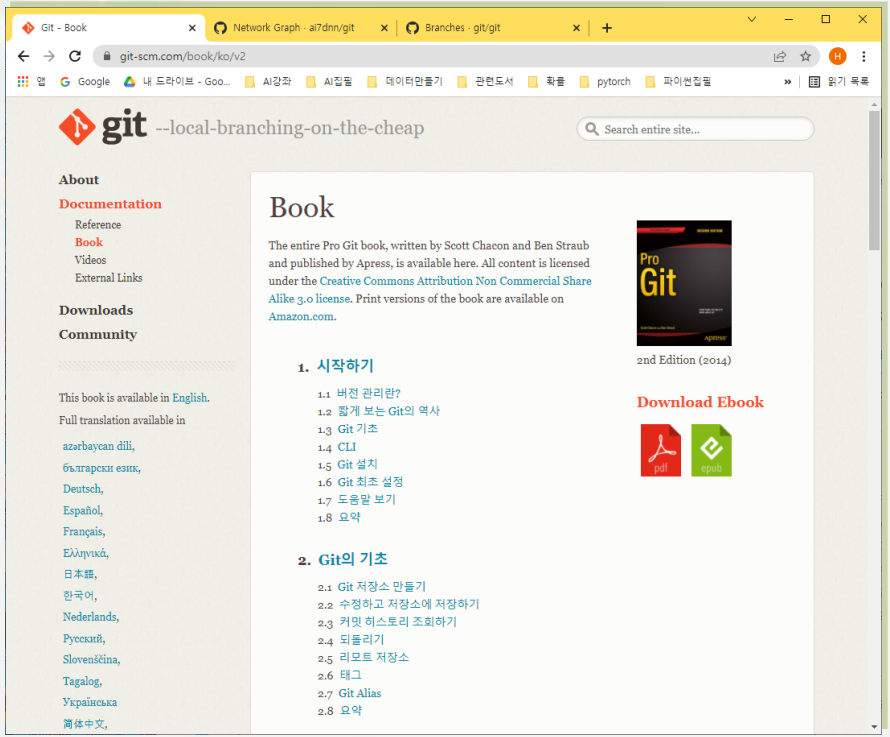
- https://git-scm.com/book/ko/v2



1 깃 홈페이지와 다운로드

문서 내려 받기

https://git-scm.com/book/ko/v2



1 깃 홈페이지와 다운로드

GUI 도구

Windows GUIs

- https://git-scm.com/download/gui/windows

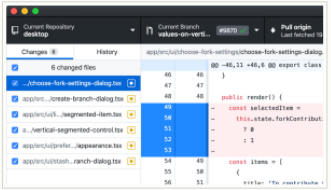
GUI Clients

Git comes with built-in GUI tools for committing (git-gui) and browsing (gitk), but there are several third-party tools for users looking for platform-specific experience.

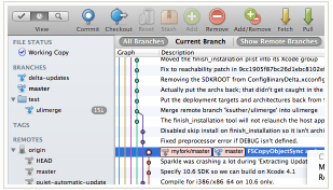
If you want to add another GUI tool to this list, just follow the instructions.

All | Windows | Mac | Linux | Android | iOS

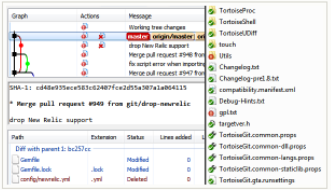
32 Windows GUIs are shown below ↓



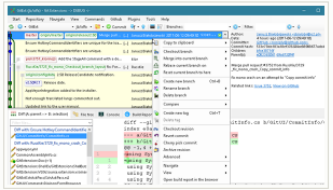
GitHub Desktop
Platforms: Mac, Windows
Price: Free
License: MIT



SourceTree
Platforms: Mac, Windows
Price: Free
License: Proprietary



TortoiseGit
Platforms: Windows
Price: Free
License: GNU GPL



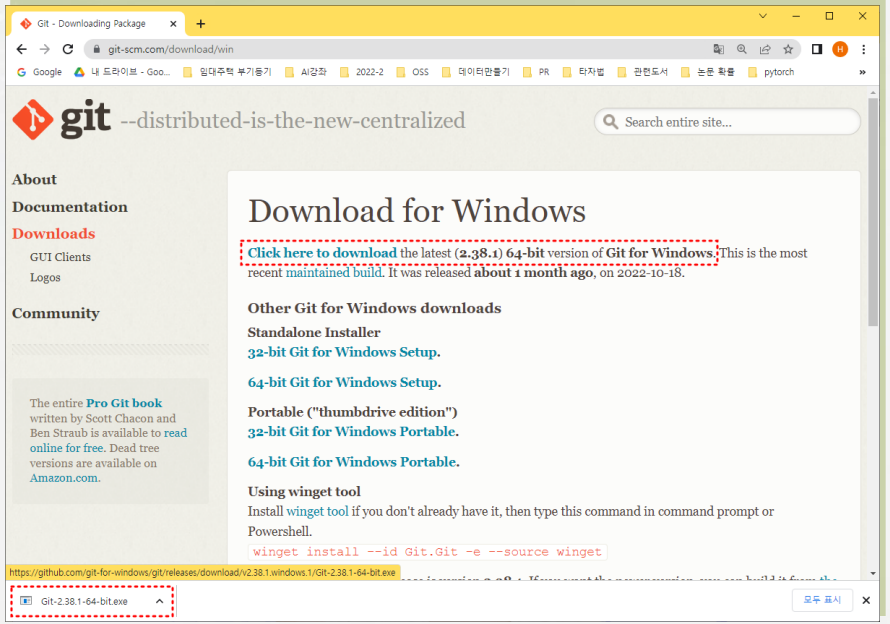
Git Extensions
Platforms: Linux, Mac, Windows
Price: Free
License: GNU GPL

1 깃 홈페이지와 다운로드

깃 내려 받기

Git 홈 페이지

- http://git-scm.com/downloads
  - Git-#.##.#-64-bit.exe



1 깃 홈페이지와 다운로드

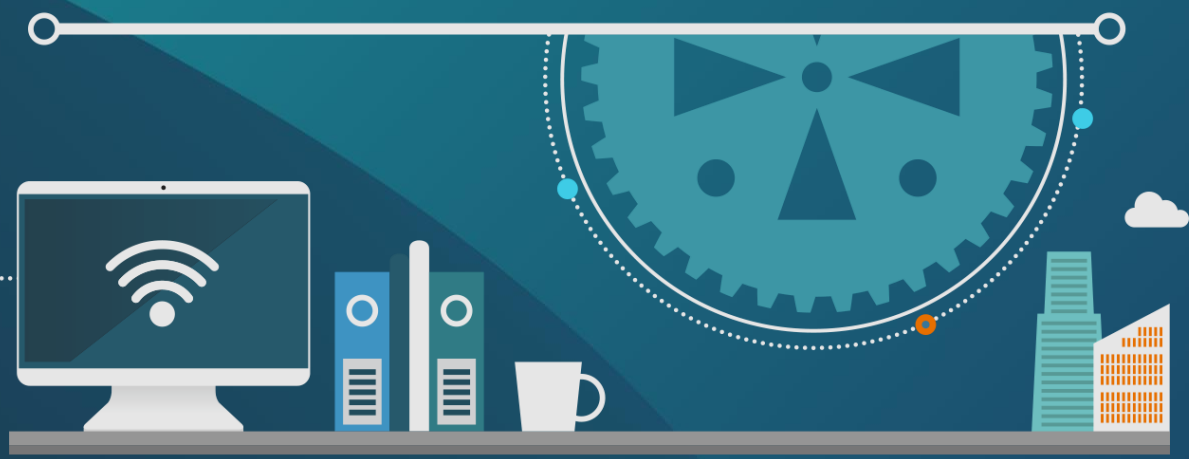
깃 내려 받기

설치 참조 사이트

- https://goddaehee.tistory.com/216

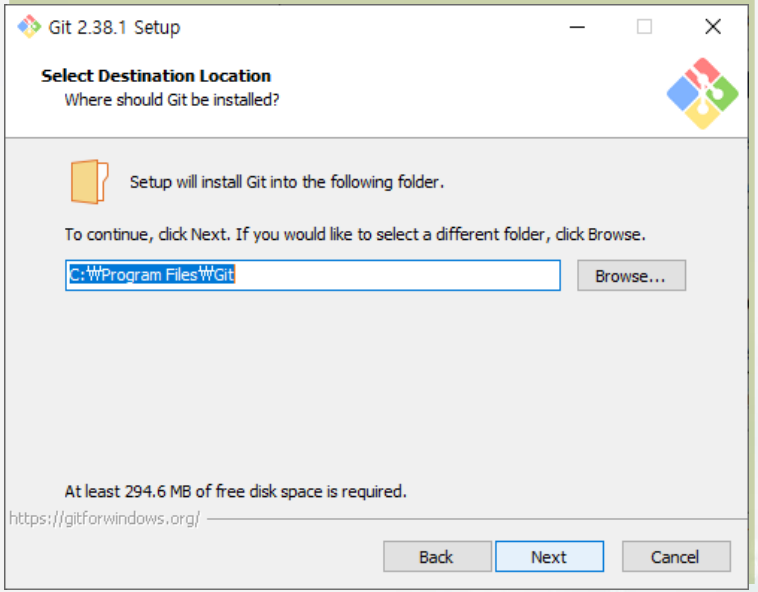
LESSON 02

깃 설치



2 깃설치

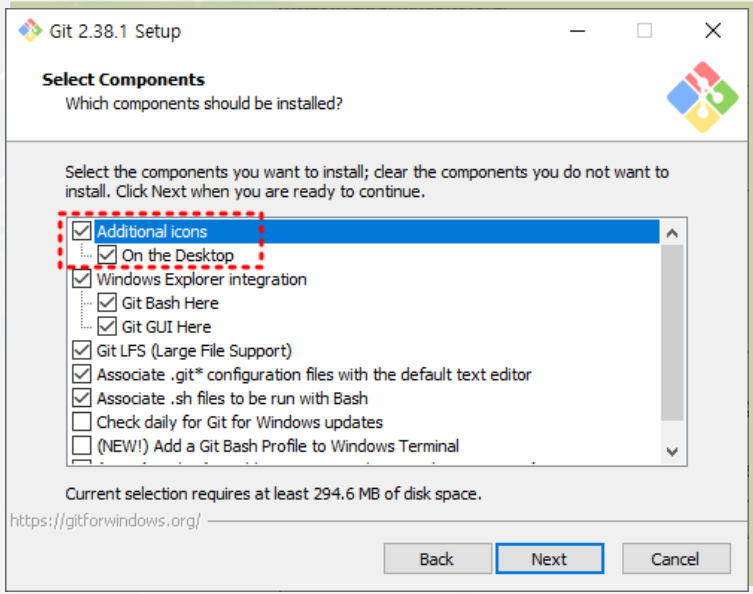
설치 파일 실행 첫 화면

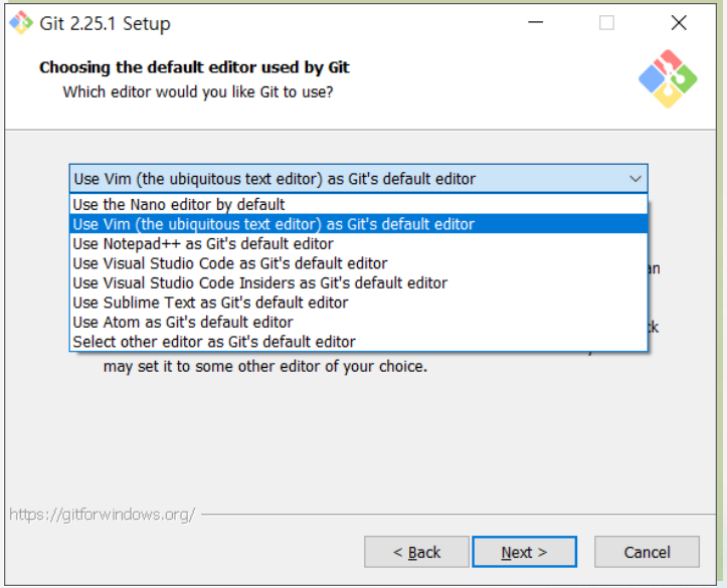


2 깃설치

편집기 설정

Visual Studio code로 설정

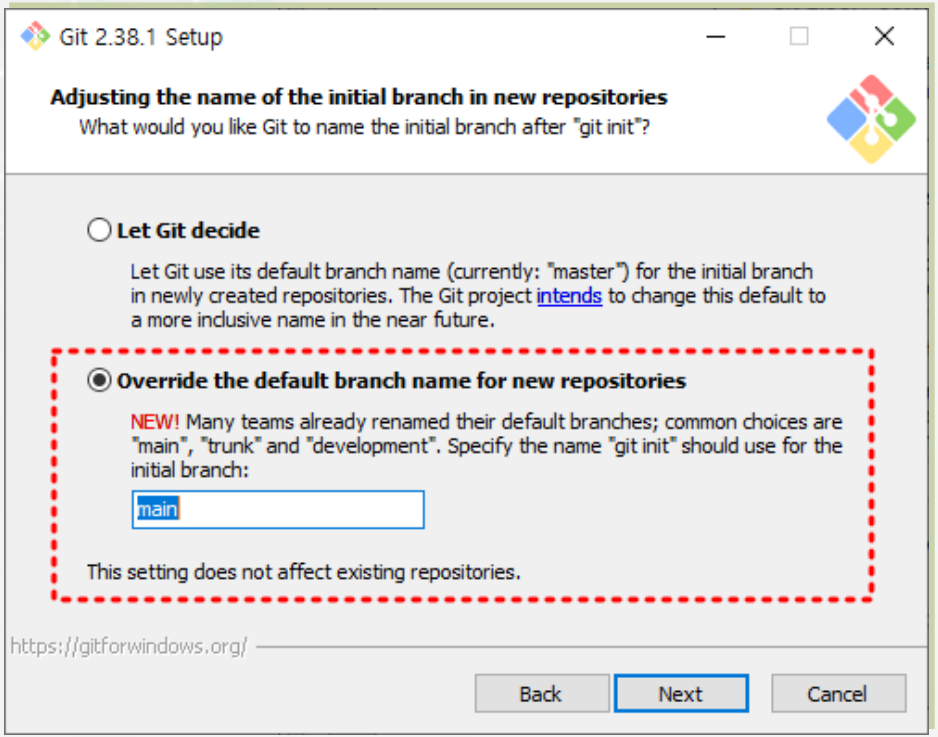




2 깃설치

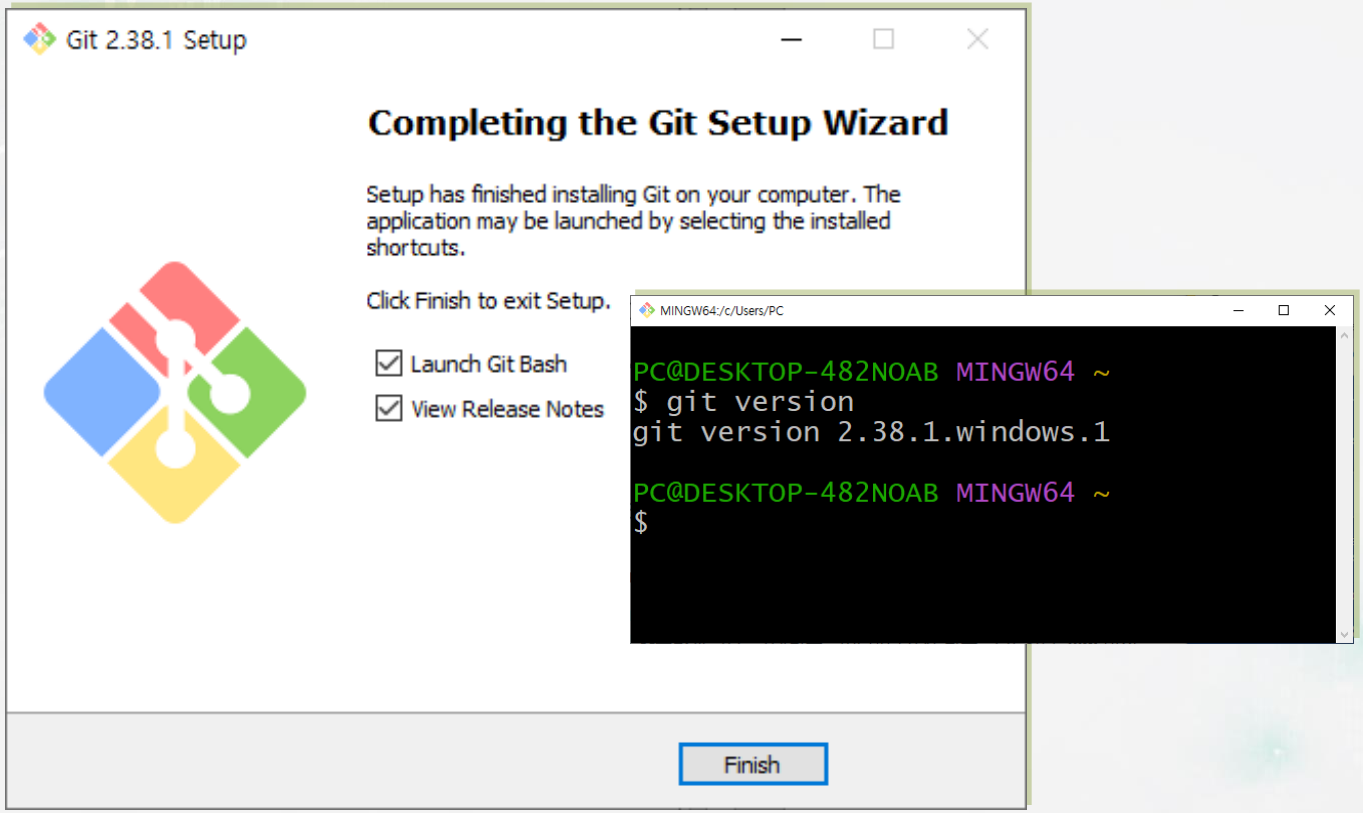
새 저장소의 기본 브랜치 이름 설정

- $ git config --global init.defaultBranch main



2 깃설치

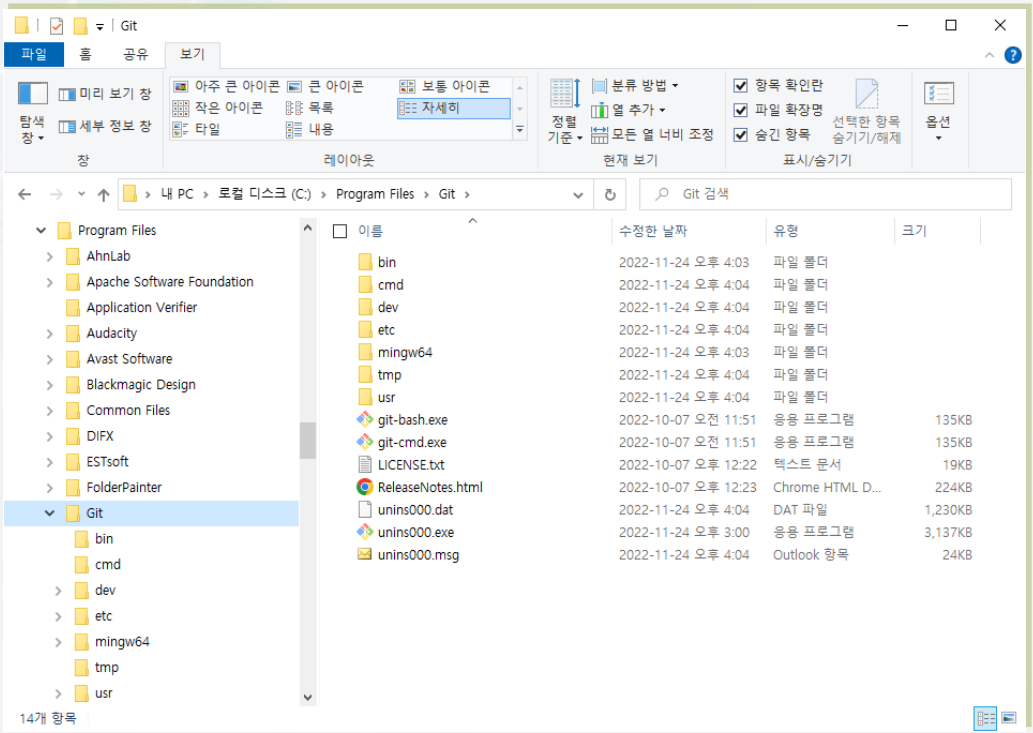
설치 완료


Git 2.38.1 Setup
Completing the Git Setup Wizard
Setup has finished installing Git on your computer. The application may be launched by selecting the installed shortcuts.
Click Finish to exit Setup.
Launch Git Bash
View Release Notes
Finish
MINGW64:/c/Users/PC
PC@DESKTOP-482NOAB MINGW64 ~
$ git version
git version 2.38.1.windows.1
PC@DESKTOP-482NOAB MINGW64 ~
$

2 깃설치

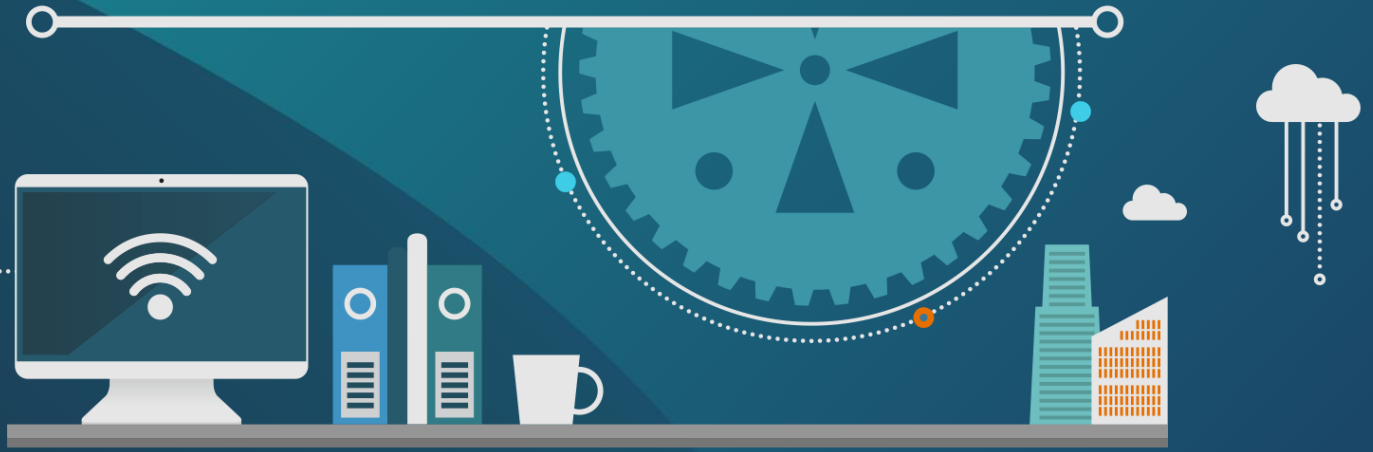
깃 설치 폴더 확인

C:₩Program Files₩Git



LESSON 03

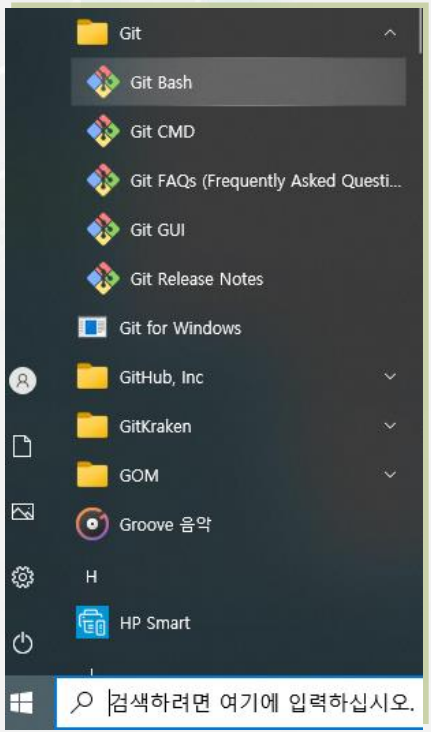
깃 실행

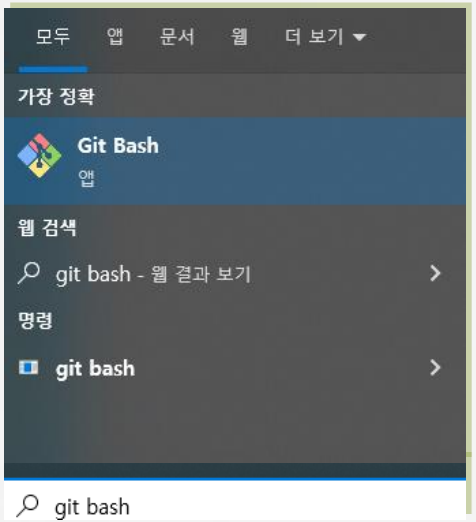


3 깃실행

깃 실행 1

메뉴 git | git bash



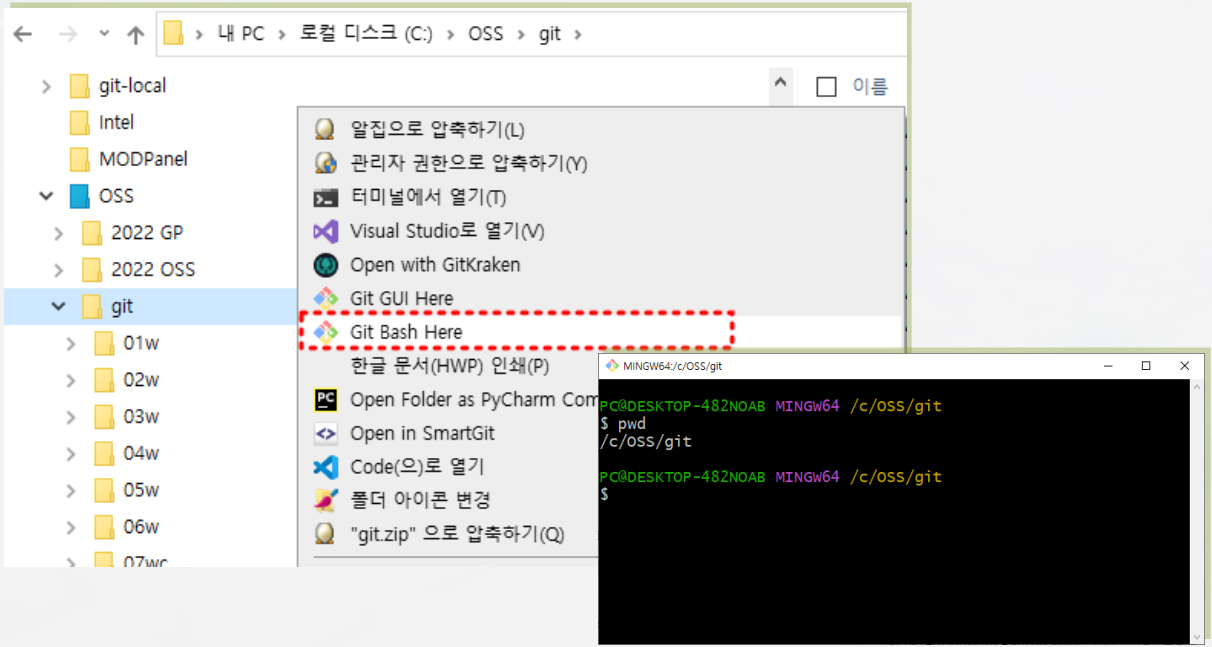


3 깃실행

깃 실행 2

탐색기 폴더에서 실행

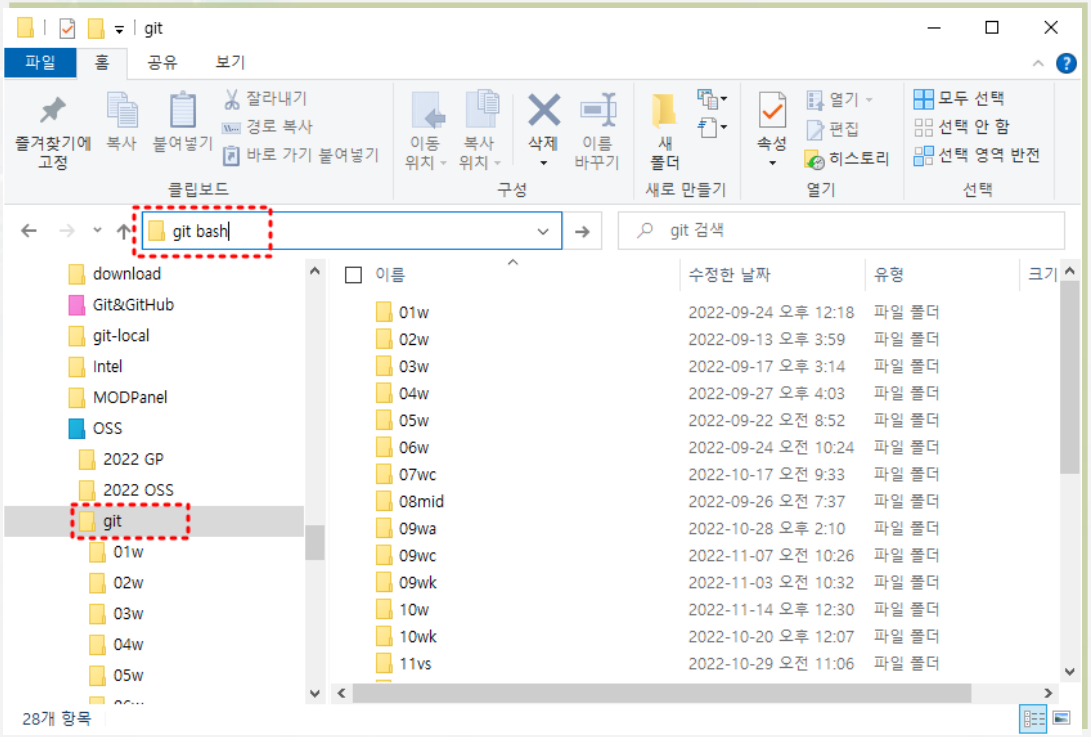
- 탐색기에서 찾은 폴더의 팝업 메뉴
  - ‘Git Bash Here’를 선택해 원하는 폴더에서 바로 깃 배시를 실행



3 깃실행

깃 실행 3

- 탐색기에서 폴더를 지정한 후 폴더 위치가 표시되는 부분에 직접 'git bash'라고 입력



CLI 인터페이스

Command Line Interface

- 명령 프롬프트와 같은 인터페이스
- 리눅스 명령어
  - $ pwd
  - $ ls -al

```
PC@DESKTOP-482NOAB MINGW64 /c/[git tutorial]
$ pwd
/c/[git tutorial]

PC@DESKTOP-482NOAB MINGW64 /c/[git tutorial]
$ ls -al
total 8
drwxr-xr-x 1 PC 197121 0 May 22 10:12 ./
drwxr-xr-x 1 PC 197121 0 May 22 10:13 ../
```

3 깃실행

git 명령어 기초

- Git 명령어
  - 버전 확인
    - $ git --version
  - 설정 확인
    - $ git config --list
  - 도움
    - $ git --help

현재 디렉토리 표시

프롬프트

```
PC@DESKTOP-482NOAB MINGW64 /c/[git tutorial]
$ git --version
git version 2.35.1.windows.2
```

Summary

깃 설치 다운로드

- https://git-scm.com/downloads

깃 설치

- 파일
  - Git-2.39.0.2-64-bit.exe
  - 계속 다음으로 설치
- 설치 성공
  - C:₩Program Files₩Git

깃 실행

- 메뉴
- 탐색기에서 메뉴
- CLI 이해
  - $ git version
  - $ git --version